

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

LAB CHRONICLE

OrderID:	Q3584	OrderDate:	11/7/2025 3:17:00 PM
Client:	Remington & Vernick Engineers	Project:	Edison Landfill
Contact:	Kyle Carlson	Location:	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3584-01	SW-1	Water	SVOC-SIMGroup1 SVOC-TCL BNA -20	8270-Modified 8270E	11/06/25	11/11/25 11/10/25	11/12/25 11/11/25	11/07/25
Q3584-02	SW-2	Water	SVOC-SIMGroup1 SVOC-TCL BNA -20	8270-Modified 8270E	11/07/25	11/11/25 11/10/25	11/12/25 11/11/25	11/07/25
Q3584-03	SW-3	Water	SVOC-SIMGroup1 SVOC-TCL BNA -20	8270-Modified 8270E	11/07/25	11/11/25 11/10/25	11/12/25 11/11/25	11/07/25
Q3584-04	EB-2	Water	SVOC-SIMGroup1 SVOC-TCL BNA -20	8270-Modified 8270E	11/06/25	11/11/25 11/10/25	11/12/25 11/11/25	11/07/25
Q3584-05	FB-2	Water	SVOC-SIMGroup1 SVOC-TCL BNA -20	8270-Modified 8270E	11/07/25	11/11/25 11/10/25	11/12/25 11/11/25	11/07/25
Q3584-07	SEEP-1	Water	SVOC-SIMGroup1 SVOC-TCL BNA -20	8270-Modified 8270E	11/07/25	11/11/25 11/10/25	11/13/25 11/11/25	11/07/25
Q3584-07DL	SEEP-1DL	Water	SVOC-SIMGroup1	8270-Modified	11/07/25	11/11/25	11/13/25	11/07/25

Hit Summary Sheet SW-846

SDG No.: Q3584

Client: Remington & Vernick Engineers

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : SW-1									
Q3584-01	SW-1	WATER	Bis(2-ethylhexyl)phthalate		2.800	J	1.6	5	ug/L
			Total Svoc :				2.80		
Q3584-01	SW-1	WATER	n-Hexadecanoic acid	*	3.800	J	0	0	ug/L
Q3584-01	SW-1	WATER	Benzophenone	*	4.100	J	0	0	ug/L
			Total Tics :				7.90		
			Total Concentration:				10.70		
Client ID : SW-2									
Q3584-02	SW-2	WATER	Benzophenone	*	5.900	J	0	0	ug/L
Q3584-02	SW-2	WATER	n-Hexadecanoic acid	*	2.200	J	0	0	ug/L
			Total Tics :				8.10		
			Total Concentration:				8.10		
Client ID : SEEP-1									
Q3584-07	SEEP-1	WATER	Phenol		5.200		0.92	5.1	ug/L
Q3584-07	SEEP-1	WATER	3+4-Methylphenols		23.400		1.1	10.1	ug/L
Q3584-07	SEEP-1	WATER	Bis(2-ethylhexyl)phthalate		3.000	J	1.6	5.1	ug/L
Q3584-07	SEEP-1	WATER	1,4-Dioxane		12.200		1	5.1	ug/L
			Total Svoc :				43.80		
Q3584-07	SEEP-1	WATER	3,5-di-tert-Butyl-4-hydroxyphenyl	*	14.200	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Diethyltoluamide	*	15.900	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Heptanoic acid	*	15.200	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Hydrocinnamic acid	*	17.300	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Ibuprofen	*	33.900	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Myristyl myristate	*	29.600	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	n-Hexadecanoic acid	*	13.600	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Pentadecafluorooctanoic acid, oct	*	23.300	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Benzeneacetic acid	*	9.000	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Benzenesulfonamide, N-butyl-	*	8.700	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Benzoic acid, 3,5-bis(1,1-dimethy	*	14.000	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Benzophenone	*	9.200	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Phenol, 3-ethyl-	*	10.900	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Tetradecanoic acid, hexadecyl est	*	48.400	J	0	0	ug/L
Q3584-07	SEEP-1	WATER	Aniline	*	4.200	J	1.5	5.1	ug/L
Q3584-07	SEEP-1	WATER	Benzoic acid	*	13.800	J	4.2	10.1	ug/L
			Total Tics :				281.20		
			Total Concentration:				325.00		



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q3584
Client: Remington & Vernick Engineers

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3584

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170473BL	PB170473BL	2-Fluorophenol	150	119	79		15 (10)	110 (134)
		Phenol-d6	150	119	80		15 (10)	110 (135)
		Nitrobenzene-d5	100	84.0	84		30 (39)	130 (138)
		2-Fluorobiphenyl	100	80.8	81		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	122	82		15 (44)	110 (137)
		Terphenyl-d14	100	95.0	95		30 (42)	130 (152)
PB170473BS	PB170473BS	2-Fluorophenol	150	119	79		15 (10)	110 (134)
		Phenol-d6	150	120	80		15 (10)	110 (135)
		Nitrobenzene-d5	100	83.2	83		30 (39)	130 (138)
		2-Fluorobiphenyl	100	76.8	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	123	82		15 (44)	110 (137)
		Terphenyl-d14	100	96.5	96		30 (42)	130 (152)
PB170473BSD	PB170473BSD	2-Fluorophenol	150	121	81		15 (10)	110 (134)
		Phenol-d6	150	122	81		15 (10)	110 (135)
		Nitrobenzene-d5	100	82.0	82		30 (39)	130 (138)
		2-Fluorobiphenyl	100	78.5	79		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	124	83		15 (44)	110 (137)
		Terphenyl-d14	100	94.1	94		30 (42)	130 (152)
Q3584-01	SW-1	2-Fluorophenol	150	58.9	39		15 (10)	110 (134)
		Phenol-d6	150	36.5	24		15 (10)	110 (135)
		Nitrobenzene-d5	100	86.3	86		30 (39)	130 (138)
		2-Fluorobiphenyl	100	77.8	78		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	148	98		15 (44)	110 (137)
		Terphenyl-d14	100	81.0	81		30 (42)	130 (152)
Q3584-02	SW-2	2-Fluorophenol	150	69.3	46		15 (10)	110 (134)
		Phenol-d6	150	55.0	37		15 (10)	110 (135)
		Nitrobenzene-d5	100	86.7	87		30 (39)	130 (138)
		2-Fluorobiphenyl	100	84.6	85		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	120	80		15 (44)	110 (137)
		Terphenyl-d14	100	66.8	67		30 (42)	130 (152)
Q3584-03	SW-3	2-Fluorophenol	150	69.2	46		15 (10)	110 (134)
		Phenol-d6	150	53.8	36		15 (10)	110 (135)
		Nitrobenzene-d5	100	87.3	87		30 (39)	130 (138)
		2-Fluorobiphenyl	100	84.1	84		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	119	79		15 (44)	110 (137)
		Terphenyl-d14	100	60.4	60		30 (42)	130 (152)
Q3584-04	EB-2	2-Fluorophenol	150	61.6	41		15 (10)	110 (134)
		Phenol-d6	150	38.6	26		15 (10)	110 (135)
		Nitrobenzene-d5	100	86.8	87		30 (39)	130 (138)
		2-Fluorobiphenyl	100	83.2	83		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	118	78		15 (44)	110 (137)
		Terphenyl-d14	100	68.2	68		30 (42)	130 (152)
Q3584-05	FB-2	2-Fluorophenol	150	74.1	49		15 (10)	110 (134)
		Phenol-d6	150	50.5	34		15 (10)	110 (135)
		Nitrobenzene-d5	100	89.5	89		30 (39)	130 (138)
		2-Fluorobiphenyl	100	85.1	85		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	124	83		15 (44)	110 (137)
		Terphenyl-d14	100	73.2	73		30 (42)	130 (152)
Q3584-07	SEEP-1	2-Fluorophenol	150	67.7	45		15 (10)	110 (134)
		Phenol-d6	150	47.4	32		15 (10)	110 (135)
		Nitrobenzene-d5	100	77.8	78		30 (39)	130 (138)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SW-846

SDG No.: Q3584

Client: Remington & Vernick Engineers

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3584-07	SEEP-1	2-Fluorobiphenyl	100	64.9	65		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	137	91		15 (44)	110 (137)
		Terphenyl-d14	100	63.9	64		30 (42)	130 (152)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3584

Analytical Method:

8270E

Client: Remington & Vernick Engineers

DataFile:

BF144245.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		
								Qual	Low	High	RPD
PB170473BS	Benzaldehyde	50	40.6	ug/L	81				20 (10)	160 (107)	
	Phenol	50	42.2	ug/L	84				20 (66)	160 (118)	
	bis(2-Chloroethyl)ether	50	43.6	ug/L	87				70 (47)	130 (118)	
	2-Chlorophenol	50	43.6	ug/L	87				70 (70)	130 (117)	
	2-Methylphenol	50	43.6	ug/L	87				70 (69)	130 (109)	
	2,2-oxybis(1-Chloropropane)	50	44.9	ug/L	90				70 (65)	130 (100)	
	Acetophenone	50	42.9	ug/L	86				70 (60)	130 (104)	
	3+4-Methylphenols	50	43.0	ug/L	86				20 (67)	160 (106)	
	N-Nitroso-di-n-propylamine	50	44.1	ug/L	88				70 (57)	130 (107)	
	Hexachloroethane	50	43.6	ug/L	87				20 (76)	160 (118)	
	Nitrobenzene	50	42.7	ug/L	85				70 (58)	130 (106)	
	Isophorone	50	44.4	ug/L	89				70 (61)	130 (102)	
	2-Nitrophenol	50	44.6	ug/L	89				70 (70)	130 (115)	
	2,4-Dimethylphenol	50	48.4	ug/L	97				70 (67)	130 (123)	
	bis(2-Chloroethoxy)methane	50	43.1	ug/L	86				70 (58)	130 (109)	
	2,4-Dichlorophenol	50	40.8	ug/L	82				70 (66)	130 (115)	
	Naphthalene	50	41.6	ug/L	83				70 (64)	130 (107)	
	4-Chloroaniline	50	16.5	ug/L	33		*		70 (16)	130 (100)	
	Hexachlorobutadiene	50	40.2	ug/L	80				70 (69)	130 (101)	
	Caprolactam	50	45.9	ug/L	92				20 (58)	160 (128)	
	4-Chloro-3-methylphenol	50	44.3	ug/L	89				70 (65)	130 (114)	
	2-Methylnaphthalene	50	39.1	ug/L	78				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	96.1	ug/L	96				20 (47)	160 (161)	
	2,4,6-Trichlorophenol	50	41.1	ug/L	82				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	40.7	ug/L	81				70 (70)	130 (106)	
	1,1-Biphenyl	50	42.3	ug/L	85				70 (72)	130 (98)	
	2-Chloronaphthalene	50	40.5	ug/L	81				70 (59)	130 (106)	
	2-Nitroaniline	50	44.9	ug/L	90				70 (73)	130 (114)	
	Dimethylphthalate	50	43.7	ug/L	87				70 (64)	130 (103)	
	Acenaphthylene	50	46.9	ug/L	94				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	46.6	ug/L	93				70 (64)	130 (110)	
	3-Nitroaniline	50	26.0	ug/L	52		*		70 (44)	130 (100)	
	Acenaphthene	50	37.6	ug/L	75				70 (59)	130 (113)	
	2,4-Dinitrophenol	100	93.1	ug/L	93				20 (49)	160 (139)	
	4-Nitrophenol	100	77.8	ug/L	78				20 (57)	160 (132)	
	Dibenzofuran	50	40.4	ug/L	81				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	46.2	ug/L	92				70 (60)	130 (115)	
	Diethylphthalate	50	43.7	ug/L	87				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	40.5	ug/L	81				70 (61)	130 (104)	
	Fluorene	50	42.8	ug/L	86				70 (64)	130 (107)	
	4-Nitroaniline	50	44.6	ug/L	89				70 (67)	130 (118)	
	4,6-Dinitro-2-methylphenol	50	43.1	ug/L	86				70 (62)	130 (132)	
	N-Nitrosodiphenylamine	50	45.4	ug/L	91				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	42.7	ug/L	85				70 (73)	130 (103)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3584

Analytical Method: 8270E

Client: Remington & Vernick Engineers

DataFile: BF144245.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB170473BS	Hexachlorobenzene	50	43.5	ug/L	87				70 (73)	130 (106)	
	Atrazine	50	45.4	ug/L	91				70 (76)	130 (120)	
	Pentachlorophenol	100	83.7	ug/L	84				20 (59)	160 (131)	
	Phenanthrene	50	43.2	ug/L	86				70 (62)	130 (109)	
	Anthracene	50	43.3	ug/L	87				70 (65)	130 (110)	
	Carbazole	50	43.4	ug/L	87				70 (62)	130 (106)	
	Di-n-butylphthalate	50	41.9	ug/L	84				70 (64)	130 (106)	
	Fluoranthene	50	41.3	ug/L	83				70 (64)	130 (110)	
	Pyrene	50	51.7	ug/L	103				70 (71)	130 (103)	
	Butylbenzylphthalate	50	44.7	ug/L	89				70 (64)	130 (131)	
	3,3-Dichlorobenzidine	50	22.7	ug/L	45		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	45.2	ug/L	90				70 (62)	130 (107)	
	Chrysene	50	46.5	ug/L	93				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	39.5	ug/L	79				70 (59)	130 (110)	
	Di-n-octyl phthalate	50	41.2	ug/L	82				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	41.5	ug/L	83				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	46.1	ug/L	92				70 (77)	130 (105)	
	Benzo(a)pyrene	50	46.7	ug/L	93				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	45.9	ug/L	92				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	45.7	ug/L	91				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	47.4	ug/L	95				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	40.1	ug/L	80				70 (72)	130 (101)	
	1,4-Dioxane	50	38.6	ug/L	77				20 (38)	160 (125)	
	2,3,4,6-Tetrachlorophenol	50	45.2	ug/L	90				70 (63)	130 (116)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3584

Analytical Method: 8270E

Client: Remington & Vernick Engineers

DataFile: BF144246.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170473BSD	Benzaldehyde	50	40.9	ug/L	82	1			20 (10)	160 (107)	20 (20)
	Phenol	50	43.1	ug/L	86	2			20 (66)	160 (118)	20 (20)
	bis(2-Chloroethyl)ether	50	44.9	ug/L	90	3			70 (47)	130 (118)	20 (20)
	2-Chlorophenol	50	45.0	ug/L	90	3			70 (70)	130 (117)	20 (20)
	2-Methylphenol	50	45.6	ug/L	91	4			70 (69)	130 (109)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	45.5	ug/L	91	1			70 (65)	130 (100)	20 (20)
	Acetophenone	50	42.1	ug/L	84	2			70 (60)	130 (104)	20 (20)
	3+4-Methylphenols	50	44.3	ug/L	89	3			20 (67)	160 (106)	20 (20)
	N-Nitroso-di-n-propylamine	50	45.7	ug/L	91	4			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	43.8	ug/L	88	0			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	42.3	ug/L	85	1			70 (58)	130 (106)	20 (20)
	Isophorone	50	43.7	ug/L	87	2			70 (61)	130 (102)	20 (20)
	2-Nitrophenol	50	44.0	ug/L	88	1			70 (70)	130 (115)	20 (20)
	2,4-Dimethylphenol	50	46.1	ug/L	92	5			70 (67)	130 (123)	20 (20)
	bis(2-Chloroethoxy)methane	50	42.5	ug/L	85	1			70 (58)	130 (109)	20 (20)
	2,4-Dichlorophenol	50	41.3	ug/L	83	1			70 (66)	130 (115)	20 (20)
	Naphthalene	50	41.1	ug/L	82	1			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	16.7	ug/L	33	1	*		70 (16)	130 (100)	20 (20)
	Hexachlorobutadiene	50	40.4	ug/L	81	0			70 (69)	130 (101)	20 (20)
	Caprolactam	50	47.4	ug/L	95	3			20 (58)	160 (128)	20 (20)
	4-Chloro-3-methylphenol	50	43.5	ug/L	87	2			70 (65)	130 (114)	20 (20)
	2-Methylnaphthalene	50	38.8	ug/L	78	1			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	100	ug/L	100	4			20 (47)	160 (161)	20 (20)
	2,4,6-Trichlorophenol	50	41.0	ug/L	82	0			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	41.5	ug/L	83	2			70 (70)	130 (106)	20 (20)
	1,1-Biphenyl	50	42.2	ug/L	84	0			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	42.0	ug/L	84	4			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	46.6	ug/L	93	4			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	44.6	ug/L	89	2			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	47.0	ug/L	94	0			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	47.4	ug/L	95	2			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	25.2	ug/L	50	3	*		70 (44)	130 (100)	20 (20)
	Acenaphthene	50	38.2	ug/L	76	2			70 (59)	130 (113)	20 (20)
	2,4-Dinitrophenol	100	88.7	ug/L	89	5			20 (49)	160 (139)	20 (20)
	4-Nitrophenol	100	80.9	ug/L	81	4			20 (57)	160 (132)	20 (20)
	Dibenzofuran	50	41.7	ug/L	83	3			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	46.7	ug/L	93	1			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	44.1	ug/L	88	1			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	41.6	ug/L	83	3			70 (61)	130 (104)	20 (20)
	Fluorene	50	42.6	ug/L	85	0			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	44.1	ug/L	88	1			70 (67)	130 (118)	20 (20)
	4,6-Dinitro-2-methylphenol	50	44.4	ug/L	89	3			70 (62)	130 (132)	20 (20)
	N-Nitrosodiphenylamine	50	44.2	ug/L	88	3			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	41.9	ug/L	84	2			70 (73)	130 (103)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q3584</u>	Analytical Method: <u>8270E</u>
Client: <u>Remington & Vernick Engineers</u>	DataFile: <u>BF144246.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170473BSD	Hexachlorobenzene	50	44.2	ug/L	88	2			70 (73)	130 (106)	20 (20)
	Atrazine	50	45.0	ug/L	90	1			70 (76)	130 (120)	20 (20)
	Pentachlorophenol	100	81.1	ug/L	81	3			20 (59)	160 (131)	20 (20)
	Phenanthrene	50	43.1	ug/L	86	0			70 (62)	130 (109)	20 (20)
	Anthracene	50	43.5	ug/L	87	0			70 (65)	130 (110)	20 (20)
	Carbazole	50	43.0	ug/L	86	1			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	41.0	ug/L	82	2			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	40.8	ug/L	82	1			70 (64)	130 (110)	20 (20)
	Pyrene	50	49.4	ug/L	99	5			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	43.9	ug/L	88	2			70 (64)	130 (131)	20 (20)
	3,3-Dichlorobenzidine	50	22.5	ug/L	45	1	*		70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	44.5	ug/L	89	2			70 (62)	130 (107)	20 (20)
	Chrysene	50	45.7	ug/L	91	2			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	38.5	ug/L	77	3			70 (59)	130 (110)	20 (20)
	Di-n-octyl phthalate	50	41.0	ug/L	82	0			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	42.6	ug/L	85	3			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	45.0	ug/L	90	2			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	47.1	ug/L	94	1			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	45.7	ug/L	91	0			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	45.9	ug/L	92	0			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	46.6	ug/L	93	2			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	40.9	ug/L	82	2			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	39.5	ug/L	79	2			20 (38)	160 (125)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	46.2	ug/L	92	2			70 (63)	130 (116)	20 (20)

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170473BL

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3584

Lab File ID: BF144244.D

Lab Sample ID: PB170473BL

Instrument ID: BNA_F

Date Extracted: 11/10/2025

Matrix: (soil/water) Water

Date Analyzed: 11/13/2025

Level: (low/med) LOW

Time Analyzed: 15:25

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170473BS	PB170473BS	BF144245.D	11/13/2025
PB170473BSD	PB170473BSD	BF144246.D	11/13/2025
SW-1	Q3584-01	BP026097.D	11/11/2025
SEEP-1	Q3584-07	BP026099.D	11/11/2025
SW-2	Q3584-02	BF144203.D	11/11/2025
SW-3	Q3584-03	BF144204.D	11/11/2025
FB-2	Q3584-05	BF144202.D	11/11/2025
EB-2	Q3584-04	BF144205.D	11/11/2025

COMMENTS: _____



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144168.D
Instrument ID: BNA_F

Contract: REMI02
SDG NO.: Q3584
DFTPP Injection Date: 11/05/2025
DFTPP Injection Time: 12:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.8) 1
69	Mass 69 relative abundance	24.5
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF144169.D	11/05/2025	12:50
SSTDICC005	SSTDICC005	BF144170.D	11/05/2025	13:20
SSTDICC010	SSTDICC010	BF144171.D	11/05/2025	13:50
SSTDICC020	SSTDICC020	BF144172.D	11/05/2025	14:20
SSTDICCC040	SSTDICCC040	BF144173.D	11/05/2025	14:50
SSTDICC050	SSTDICC050	BF144174.D	11/05/2025	15:49
SSTDICC060	SSTDICC060	BF144175.D	11/05/2025	16:19
SSTDICC080	SSTDICC080	BF144176.D	11/05/2025	16:49



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144197.D
Instrument ID: BNA_F

Contract: REMI02
SDG NO.: Q3584
DFTPP Injection Date: 11/11/2025
DFTPP Injection Time: 09:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.2) 1
69	Mass 69 relative abundance	23.5
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.8
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.7 (18.7) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF144198.D	11/11/2025	10:09
FB-2	Q3584-05	BF144202.D	11/11/2025	14:39
SW-2	Q3584-02	BF144203.D	11/11/2025	15:09
SW-3	Q3584-03	BF144204.D	11/11/2025	15:38
EB-2	Q3584-04	BF144205.D	11/11/2025	16:07



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144242.D
Instrument ID: BNA_F

Contract: REMI02
SDG NO.: Q3584
DFTPP Injection Date: 11/13/2025
DFTPP Injection Time: 14:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	24.9
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	16.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF144243.D	11/13/2025	14:56
PB170473BL	PB170473BL	BF144244.D	11/13/2025	15:25
PB170473BS	PB170473BS	BF144245.D	11/13/2025	15:55
PB170473BSD	PB170473BSD	BF144246.D	11/13/2025	16:24



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP026027.D
Instrument ID: BNA_P

Contract: REMI02
SDG NO.: Q3584
DFTPP Injection Date: 10/29/2025
DFTPP Injection Time: 08:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	32.9
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	75
443	15.0 - 24.0% of mass 442	14.4 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP026028.D	10/29/2025	09:26
SSTDICC005	SSTDICC005	BP026029.D	10/29/2025	10:07
SSTDICC010	SSTDICC010	BP026030.D	10/29/2025	10:48
SSTDICC020	SSTDICC020	BP026031.D	10/29/2025	11:29
SSTDICCC040	SSTDICCC040	BP026032.D	10/29/2025	12:10
SSTDICC050	SSTDICC050	BP026033.D	10/29/2025	12:51
SSTDICC060	SSTDICC060	BP026034.D	10/29/2025	13:32
SSTDICC080	SSTDICC080	BP026035.D	10/29/2025	14:13



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: AllianceContract: REMI02Lab Code: ACESDG NO.: Q3584Lab File ID: BP026089.DDFTPP Injection Date: 11/11/2025Instrument ID: BNA_PDFTPP Injection Time: 14:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	29.8
70	Less than 2.0% of mass 69	0.1 (0.3) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	91.8
443	15.0 - 24.0% of mass 442	17.6 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP026090.D	11/11/2025	14:44
SW-1	Q3584-01	BP026097.D	11/11/2025	19:36
SEEP-1	Q3584-07	BP026099.D	11/11/2025	20:59

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3584

Client ID : SSTDCCC040

Date Analyzed: 11/11/2025

Lab File ID: BF144198.D

Time Analyzed: 10:09

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	73404	6.875	271454	8.16	150816	9.92
UPPER LIMIT	146808	7.375	542908	8.657	301632	10.416
LOWER LIMIT	36702	6.375	135727	7.657	75408	9.416
EPA SAMPLE NO.						
01 FB-2	61823	6.88	239622	8.16	129099	9.92
02 SW-2	59255	6.88	231451	8.16	119771	9.92
03 EB-2	58254	6.88	216777	8.16	114918	9.92
04 SW-3	54285	6.88	195487	8.16	102900	9.92

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3584

Client ID: SSTDCCC040

Date Analyzed: 11/11/2025

Lab File ID: BF144198.D

Time Analyzed: 10:09

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	253608	11.41	166330	14.057	229506	15.545
UPPER LIMIT	507216	11.91	332660	14.557	459012	16.045
LOWER LIMIT	126804	10.91	83165	13.557	114753	15.045
EPA SAMPLE NO.						
01 FB-2	212852	11.40	168567	14.06	214547	15.54
02 SW-2	200120	11.40	163164	14.06	207285	15.54
03 EB-2	186847	11.40	165680	14.06	209451	15.54
04 SW-3	165829	11.40	186431	14.06	227605	15.54

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3584

Client ID : SSTDCCC040

Date Analyzed: 11/13/2025

Lab File ID: BF144243.D

Time Analyzed: 14:56

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	57801	6.869	225618	8.15	126474	9.90
UPPER LIMIT	115602	7.369	451236	8.651	252948	10.404
LOWER LIMIT	28900.5	6.369	112809	7.651	63237	9.404
EPA SAMPLE NO.						
01 PB170473BL	58185	6.86	226377	8.15	128860	9.90
02 PB170473BS	61443	6.87	243453	8.15	140132	9.91
03 PB170473BSD	58832	6.86	241570	8.15	135120	9.91

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3584

Client ID: SSTDCCC040

Date Analyzed: 11/13/2025

Lab File ID: BF144243.D

Time Analyzed: 14:56

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	214028	11.398	119800	14.045	154528	15.521
UPPER LIMIT	428056	11.898	239600	14.545	309056	16.021
LOWER LIMIT	107014	10.898	59900	13.545	77264	15.021
EPA SAMPLE NO.						
01 PB170473BL	235212	11.39	125254	14.05	146599	15.52
02 PB170473BS	236951	11.40	118377	14.05	157737	15.53
03 PB170473BSD	232588	11.40	118249	14.05	155276	15.52

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3584

Client ID : SSTDCCC040

Date Analyzed: 11/11/2025

Lab File ID: BP026090.D

Time Analyzed: 14:44

Instrument ID: BNA_P

GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	341127	7.678	1393560	10.45	901803	14.32
UPPER LIMIT	682254	8.178	2787120	10.949	1803610	14.819
LOWER LIMIT	170564	7.178	696780	9.949	450902	13.819
EPA SAMPLE NO.						
01 SEEP-1	322520	7.67	1316170	10.44	849238	14.31
02 SW-1	317671	7.68	1227250	10.44	744904	14.31

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3584

Client ID: SSTDCCC040

Date Analyzed: 11/11/2025

Lab File ID: BP026090.D

Time Analyzed: 14:44

Instrument ID: BNA_P

GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1845190	17.131	1927460	21.589	2191180	24.924
UPPER LIMIT	3690380	17.631	3854920	22.089	4382360	25.424
LOWER LIMIT	922595	16.631	963730	21.089	1095590	24.424
EPA SAMPLE NO.						
01 SEEP-1	1767570	17.13	1962760	21.58	2192890	24.91
02 SW-1	1502760	17.13	1662920	21.58	1971520	24.91

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



SAMPLE DATA



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client: Remington & Vernick Engineers

Project: Edison Landfill

Client Sample ID: SW-1

Lab Sample ID: Q3584-01

Analytical Method: 8270E Level: LOW

Sample Wt/Vol: 1000 mL Final Vol: 1000 uL

Prep Method : 3510C Prep Date: 11/10/25

Date Collected: 11/06/25

Date Received: 11/07/25

SDG No.: Q3584

Matrix: Water

% Solid: 0

Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.0	ug/L	11/11/25 19:36	PB170473
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/11/25 19:36	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/11/25 19:36	PB170473
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/11/25 19:36	PB170473
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/11/25 19:36	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/11/25 19:36	PB170473
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/11/25 19:36	PB170473
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/11/25 19:36	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/11/25 19:36	PB170473
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/11/25 19:36	PB170473
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/11/25 19:36	PB170473
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/11/25 19:36	PB170473
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/11/25 19:36	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/11/25 19:36	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/11/25 19:36	PB170473
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/11/25 19:36	PB170473
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/11/25 19:36	PB170473
106-47-8	4-Chloroaniline	0.84	UQ	1	0.84	5.00	ug/L	11/11/25 19:36	PB170473
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/11/25 19:36	PB170473
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/11/25 19:36	PB170473
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/11/25 19:36	PB170473
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/11/25 19:36	PB170473
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/11/25 19:36	PB170473
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/11/25 19:36	PB170473
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/11/25 19:36	PB170473
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/11/25 19:36	PB170473
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/11/25 19:36	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/11/25 19:36	PB170473
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/11/25 19:36	PB170473
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/11/25 19:36	PB170473
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/11/25 19:36	PB170473
99-09-2	3-Nitroaniline	1.10	UQ	1	1.10	5.00	ug/L	11/11/25 19:36	PB170473
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/11/25 19:36	PB170473
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/11/25 19:36	PB170473
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/11/25 19:36	PB170473
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/11/25 19:36	PB170473
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/11/25 19:36	PB170473
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/11/25 19:36	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/11/25 19:36	PB170473
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/11/25 19:36	PB170473
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/11/25 19:36	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/11/25 19:36	PB170473

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/06/25	
Project: Edison Landfill	Date Received: 11/07/25	
Client Sample ID: SW-1	SDG No.: Q3584	
Lab Sample ID: Q3584-01	Matrix: Water	
Analytical Method: 8270E	% Solid: 0	
Sample Wt/Vol: 1000 mL	Test: SVOC-TCL BNA -20	
Prep Method : 3510C		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	11/11/25 19:36	PB170473
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/11/25 19:36	PB170473
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/11/25 19:36	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/11/25 19:36	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/11/25 19:36	PB170473
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/11/25 19:36	PB170473
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/11/25 19:36	PB170473
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/11/25 19:36	PB170473
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/11/25 19:36	PB170473
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/11/25 19:36	PB170473
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/11/25 19:36	PB170473
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/11/25 19:36	PB170473
91-94-1	3,3-Dichlorobenzidine	0.93	UQ	1	0.93	10.0	ug/L	11/11/25 19:36	PB170473
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/11/25 19:36	PB170473
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/11/25 19:36	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	2.80	J	1	1.60	5.00	ug/L	11/11/25 19:36	PB170473
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/11/25 19:36	PB170473
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/11/25 19:36	PB170473
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/11/25 19:36	PB170473
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/11/25 19:36	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/11/25 19:36	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/11/25 19:36	PB170473
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/11/25 19:36	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/11/25 19:36	PB170473
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/11/25 19:36	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/11/25 19:36	PB170473

SURROGATES

367-12-4	2-Fluorophenol	58.9		15 (10) - 110 (134)	39%	SPK: 150
13127-88-3	Phenol-d6	36.5		15 (10) - 110 (135)	24%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.3		30 (39) - 130 (138)	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.8		30 (52) - 130 (132)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	148		15 (44) - 110 (137)	98%	SPK: 150
1718-51-0	Terphenyl-d14	81.0		30 (42) - 130 (152)	81%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	318000
1146-65-2	Naphthalene-d8	1230000
15067-26-2	Acenaphthene-d10	745000
1517-22-2	Phenanthrene-d10	1500000
1719-03-5	Chrysene-d12	1660000
1520-96-3	Perylene-d12	1970000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	4.10	J	15.7	ug/L
000057-10-3	n-Hexadecanoic acid	3.80	J	18.1	ug/L



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SW-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	1000 mL		
	Final Vol: 1000 uL		
Prep Method :	3510C		
	Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SW-1

Quant Time: Nov 12 01:47:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

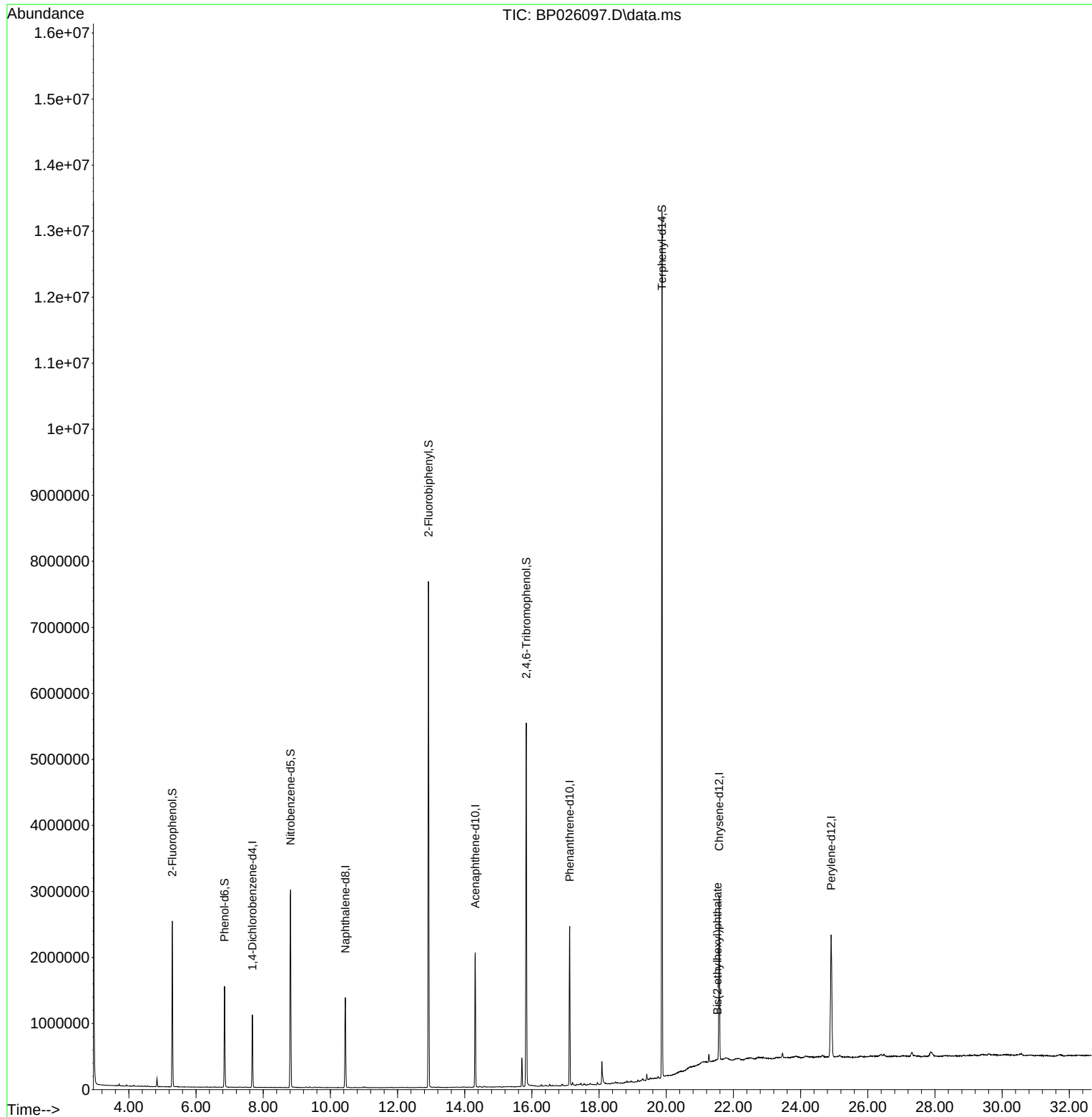
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	317671	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	1227246	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	744904	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1502755	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1662918	20.000	ng	0.01
86) Perylene-d12	24.907	264	1971522	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1133623	58.884	ng	0.00
7) Phenol-d6	6.849	99	894334	36.498	ng	0.00
23) Nitrobenzene-d5	8.813	82	1698232	86.264	ng	-0.01
42) 2,4,6-Tribromophenol	15.831	330	1188197	147.545	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4033988	77.816	ng	-0.01
79) Terphenyl-d14	19.872	244	6633340	81.043	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	21.525	149	13346	2.786	ng	# 85

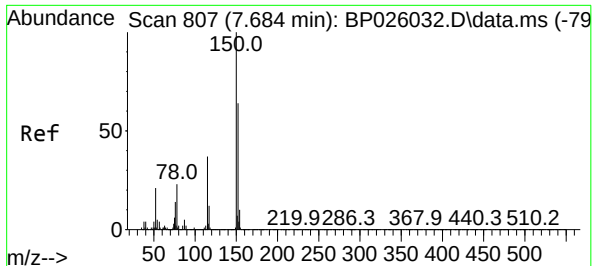
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SW-1

Quant Time: Nov 12 01:47:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

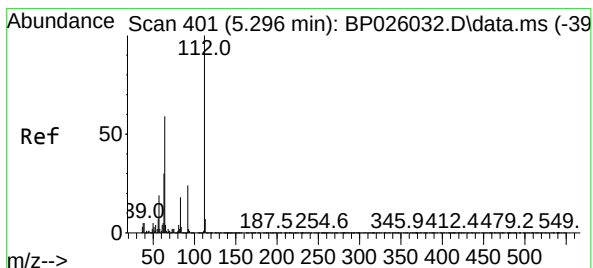
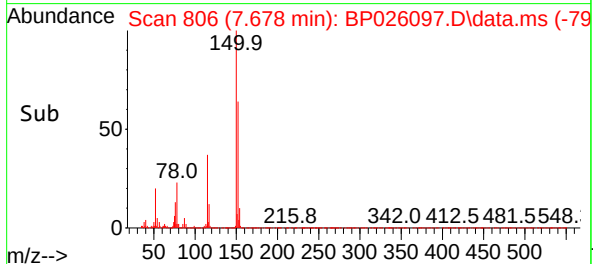
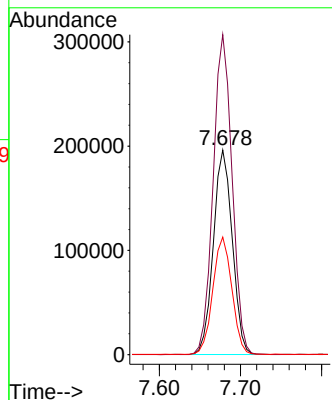
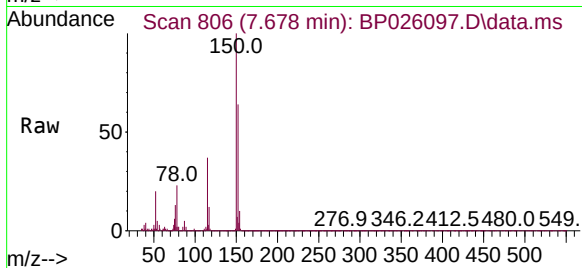




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 807
Delta R.T. -0.012 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

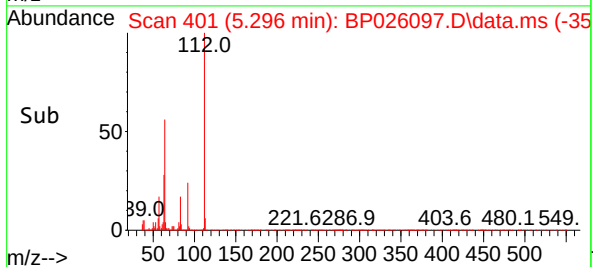
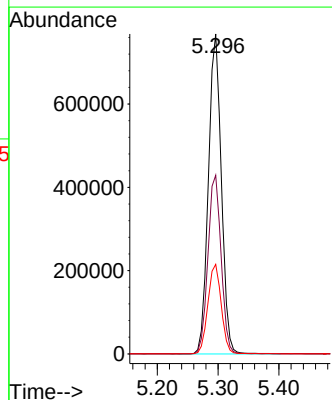
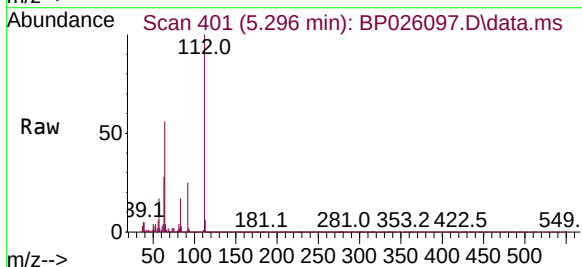
Instrument :
BNA_P
ClientSampleId :
SW-1

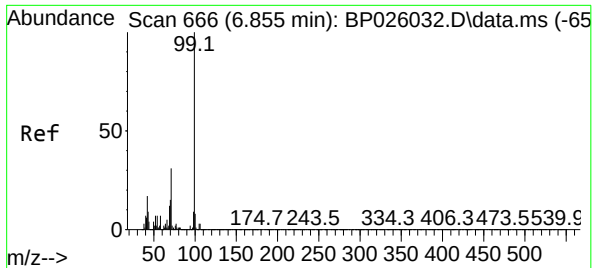
Tgt Ion:152 Resp: 317671
Ion Ratio Lower Upper
152 100
150 156.5 125.7 188.5
115 57.5 46.4 69.6



#5
2-Fluorophenol
Concen: 58.884 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion:112 Resp: 1133623
Ion Ratio Lower Upper
112 100
64 55.8 47.4 71.2
63 28.0 24.2 36.4

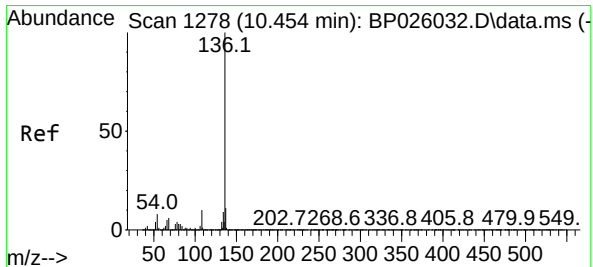
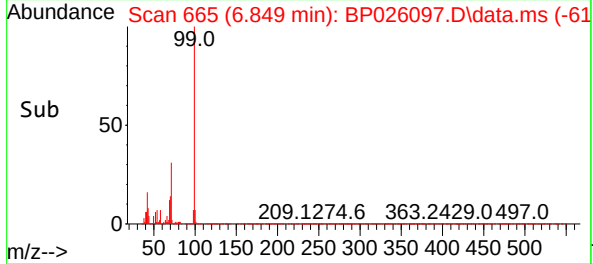
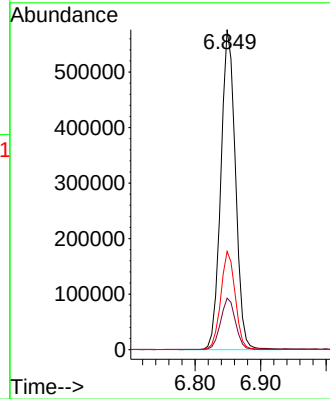
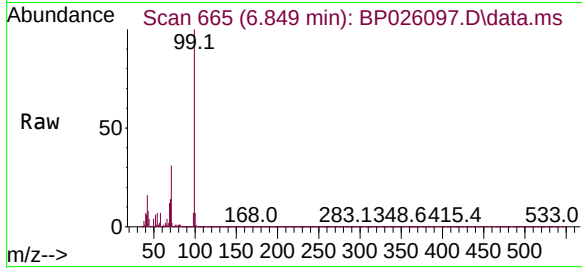




#7
Phenol-d6
Concen: 36.498 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

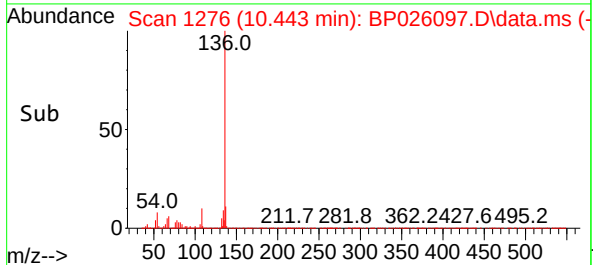
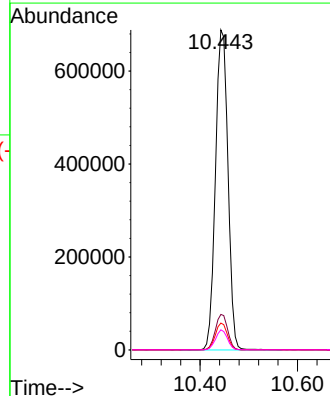
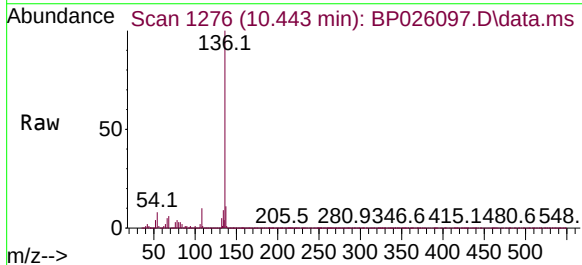
Instrument :
BNA_P
ClientSampleId :
SW-1

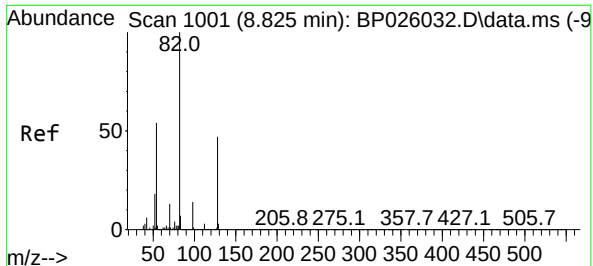
Tgt Ion: 99 Resp: 894334
Ion Ratio Lower Upper
99 100
42 16.1 13.7 20.5
71 30.7 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion: 136 Resp: 1227246
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.4 6.6 10.0
68 6.3 4.7 7.1





#23

Nitrobenzene-d5

Concen: 86.264 ng

RT: 8.813 min Scan# 99

Delta R.T. -0.011 min

Lab File: BP026097.D

Acq: 11 Nov 2025 19:36

Instrument :

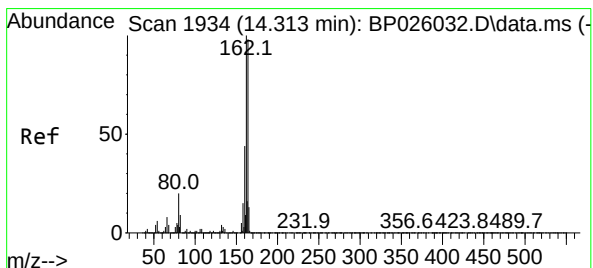
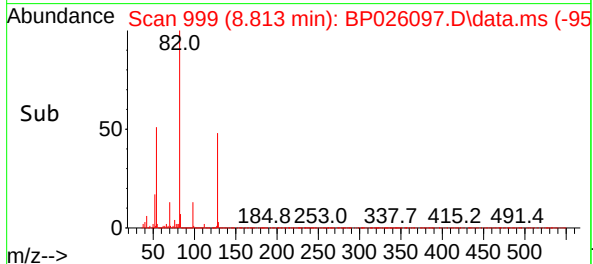
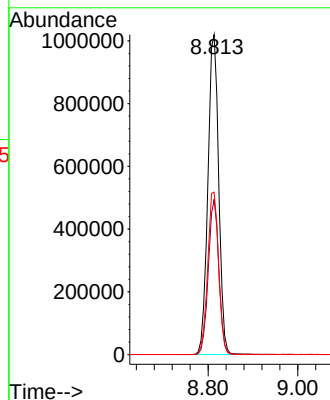
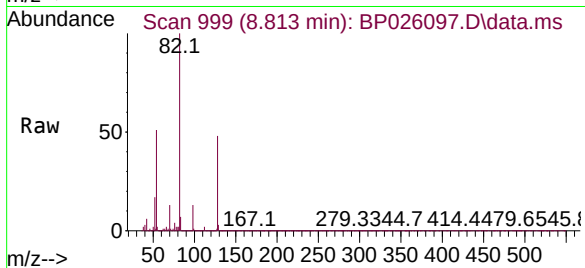
BNA_P

ClientSampleId :

SW-1

Tgt Ion: 82 Resp: 1698232

Ion	Ratio	Lower	Upper
82	100		
128	48.4	37.4	56.0
54	50.8	42.7	64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

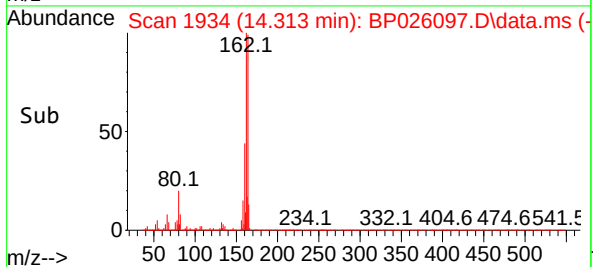
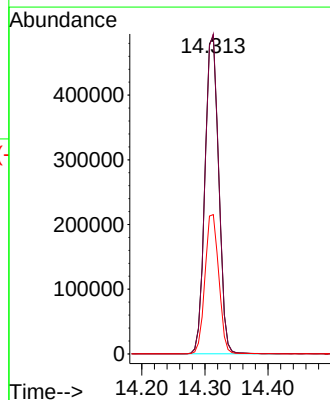
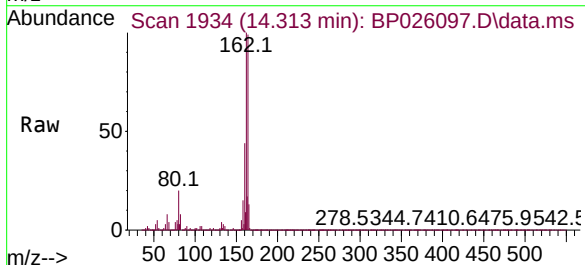
Delta R.T. -0.006 min

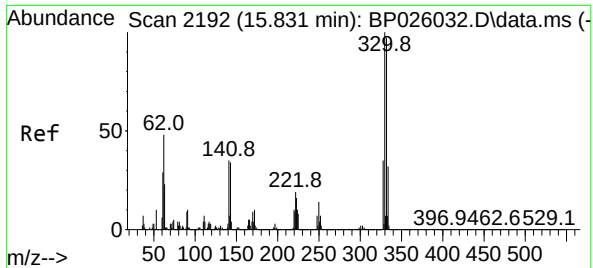
Lab File: BP026097.D

Acq: 11 Nov 2025 19:36

Tgt Ion:164 Resp: 744904

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.5	122.3
160	43.8	36.2	54.4

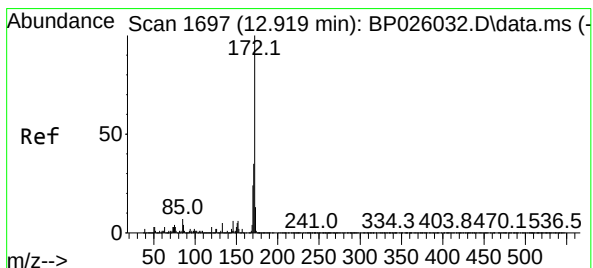
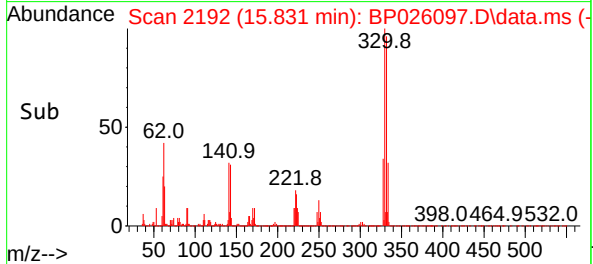
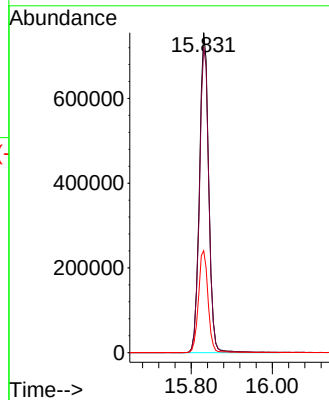
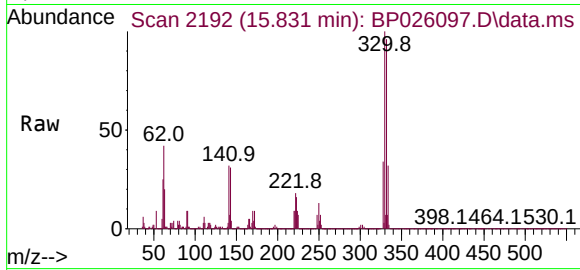




#42
2,4,6-Tribromophenol
Concen: 147.545 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

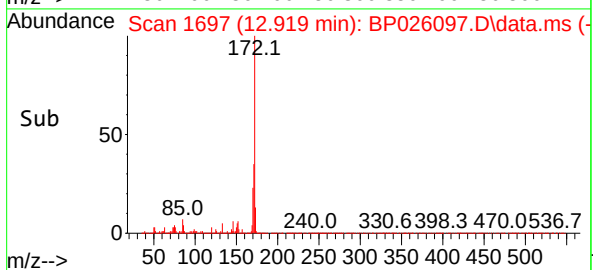
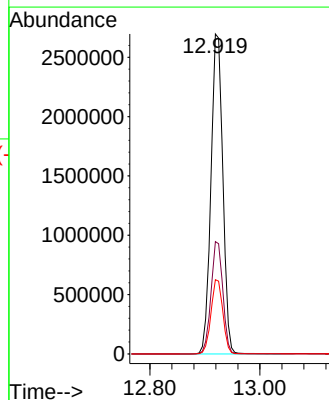
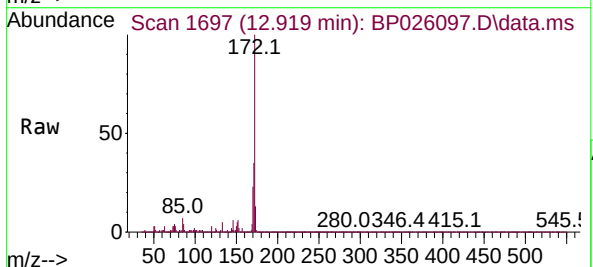
Instrument :
BNA_P
ClientSampleId :
SW-1

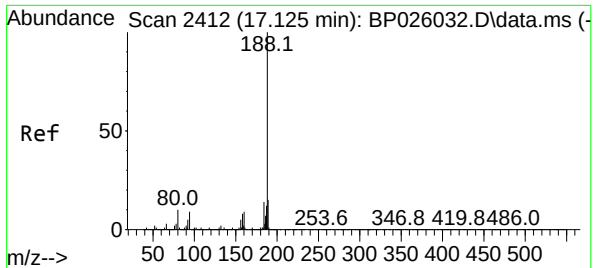
Tgt Ion:330 Resp: 1188197
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 32.8 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 77.816 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion:172 Resp: 4033988
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.2 19.0 28.4

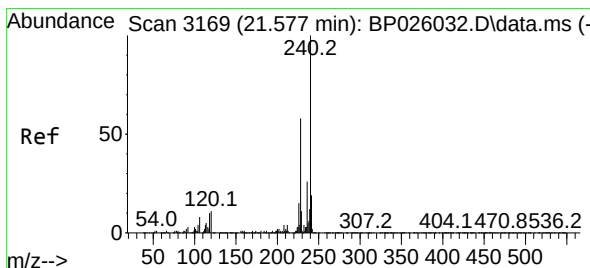
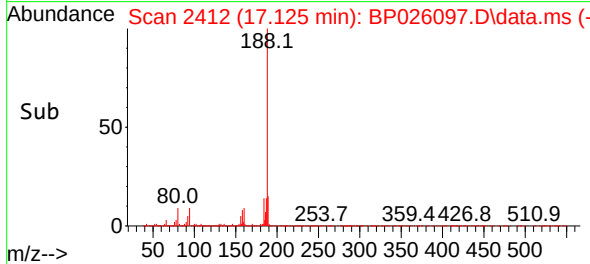
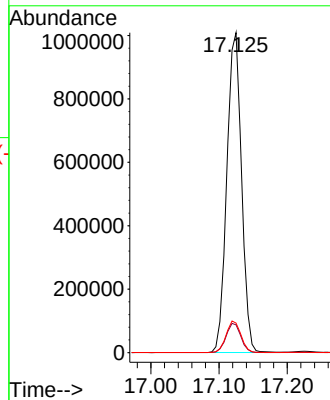
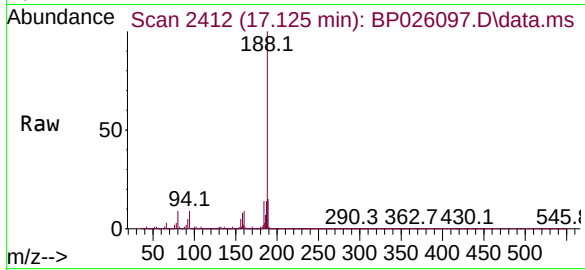




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

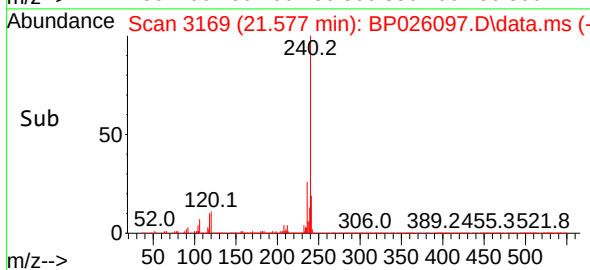
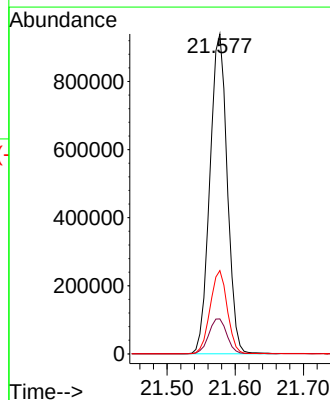
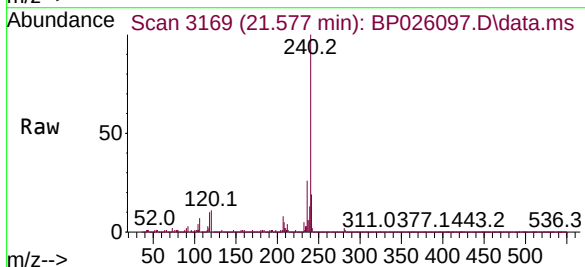
Instrument :
BNA_P
ClientSampleId :
SW-1

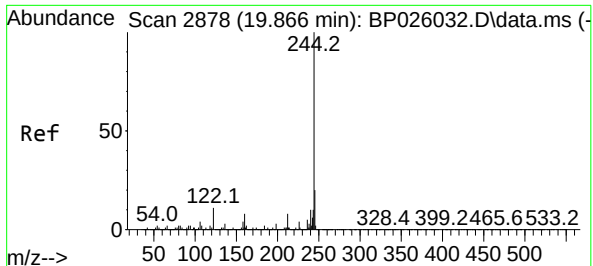
Tgt Ion:188 Resp: 1502755
Ion Ratio Lower Upper
188 100
94 8.7 7.1 10.7
80 9.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Tgt Ion:240 Resp: 1662918
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.0 20.6 31.0

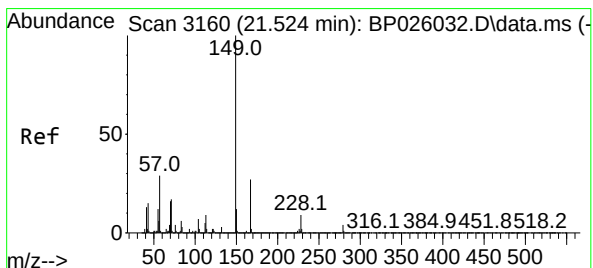
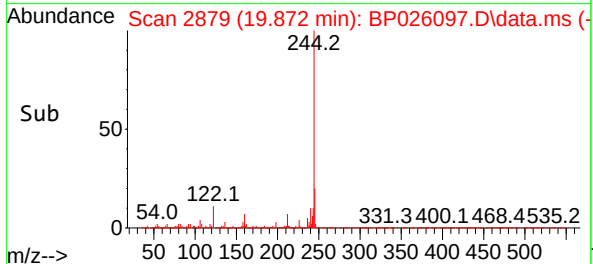
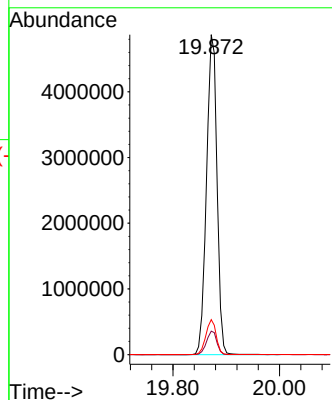
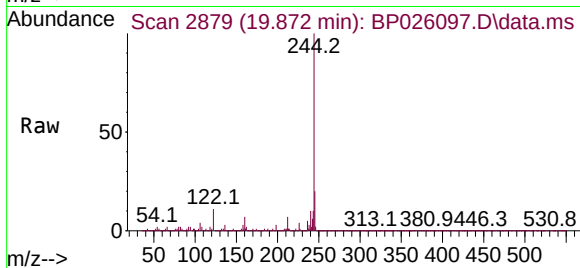




#79
 Terphenyl-d14
 Concen: 81.043 ng
 RT: 19.872 min Scan# 2878
 Delta R.T. 0.006 min
 Lab File: BP026097.D
 Acq: 11 Nov 2025 19:36

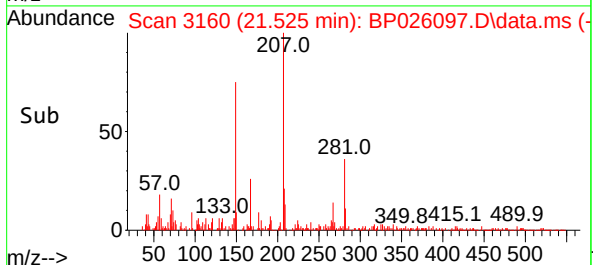
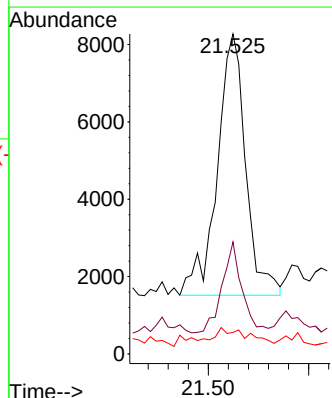
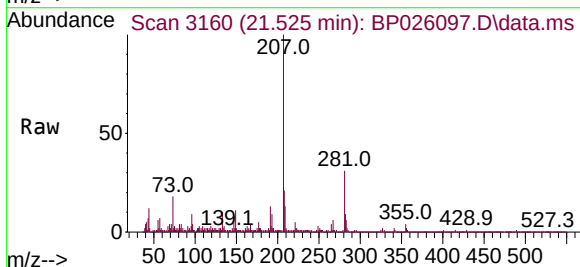
Instrument :
 BNA_P
 ClientSampleId :
 SW-1

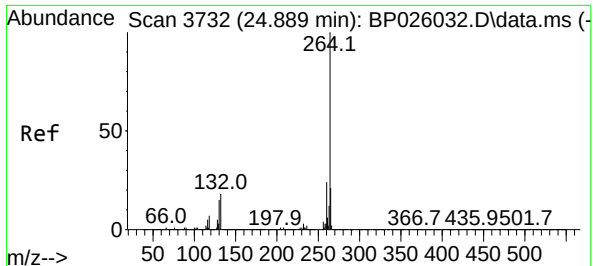
Tgt Ion:244 Resp: 6633340
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.9 9.0 13.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.786 ng
 RT: 21.525 min Scan# 3160
 Delta R.T. 0.006 min
 Lab File: BP026097.D
 Acq: 11 Nov 2025 19:36

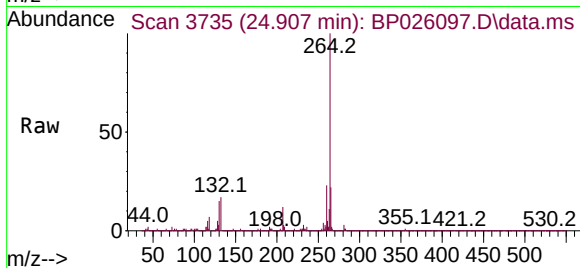
Tgt Ion:149 Resp: 13346
 Ion Ratio Lower Upper
 149 100
 167 35.0 21.5 32.3#
 279 6.7 3.0 4.6#



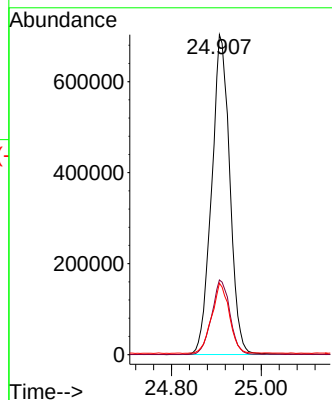
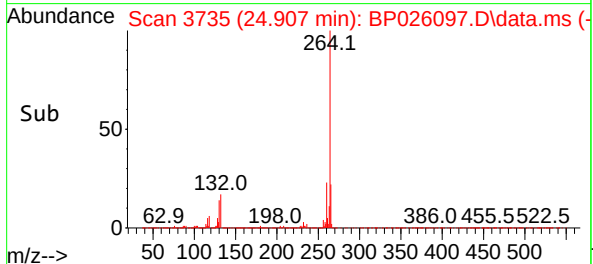


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 31
Delta R.T. 0.024 min
Lab File: BP026097.D
Acq: 11 Nov 2025 19:36

Instrument :
BNA_P
ClientSampleId :
SW-1



Tgt Ion:264 Resp: 1971522
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 22.3 17.2 25.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SW-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026097.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.837	315	323	331	rVB2	127119	190694	1.07%	0.268%
2	5.296	394	401	410	rBV	2510185	3755257	21.16%	5.286%
3	6.849	656	665	674	rBV	1529219	2413697	13.60%	3.397%
4	7.678	798	806	814	rBV	1101033	1787618	10.07%	2.516%
5	8.813	991	999	1011	rBV	2997352	5030338	28.34%	7.080%
6	10.443	1268	1276	1290	rBV	1366879	2438711	13.74%	3.432%
7	12.919	1690	1697	1710	rBV	7663572	11296489	63.65%	15.900%
8	14.313	1927	1934	1942	rBV	2035082	3081590	17.36%	4.337%
9	15.701	2164	2170	2177	rBV	433602	632451	3.56%	0.890%
10	15.831	2182	2192	2207	rBV	5506760	8853569	49.88%	12.461%
11	17.125	2405	2412	2421	rBV	2404335	3630876	20.46%	5.110%
12	18.084	2571	2575	2592	rBV3	343156	689687	3.89%	0.971%
13	19.872	2873	2879	2885	rBV	13130766	17748754	100.00%	24.981%
14	21.577	3162	3169	3178	rVB2	2486255	4406362	24.83%	6.202%
15	24.907	3726	3735	3748	rVB	1844744	5091956	28.69%	7.167%

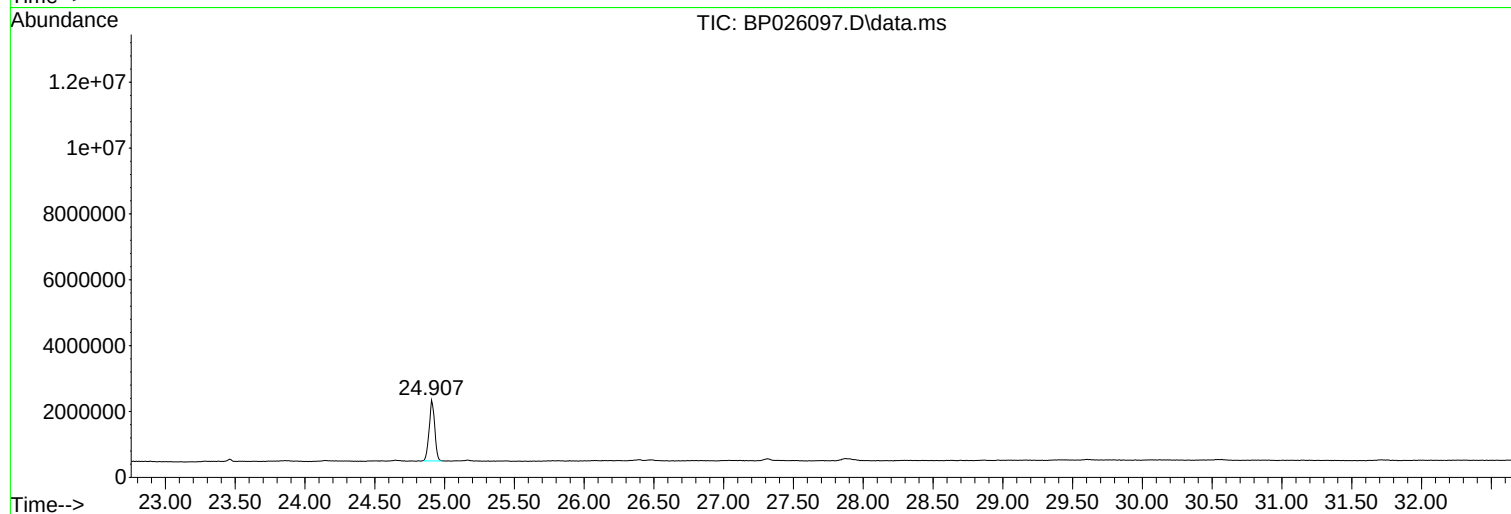
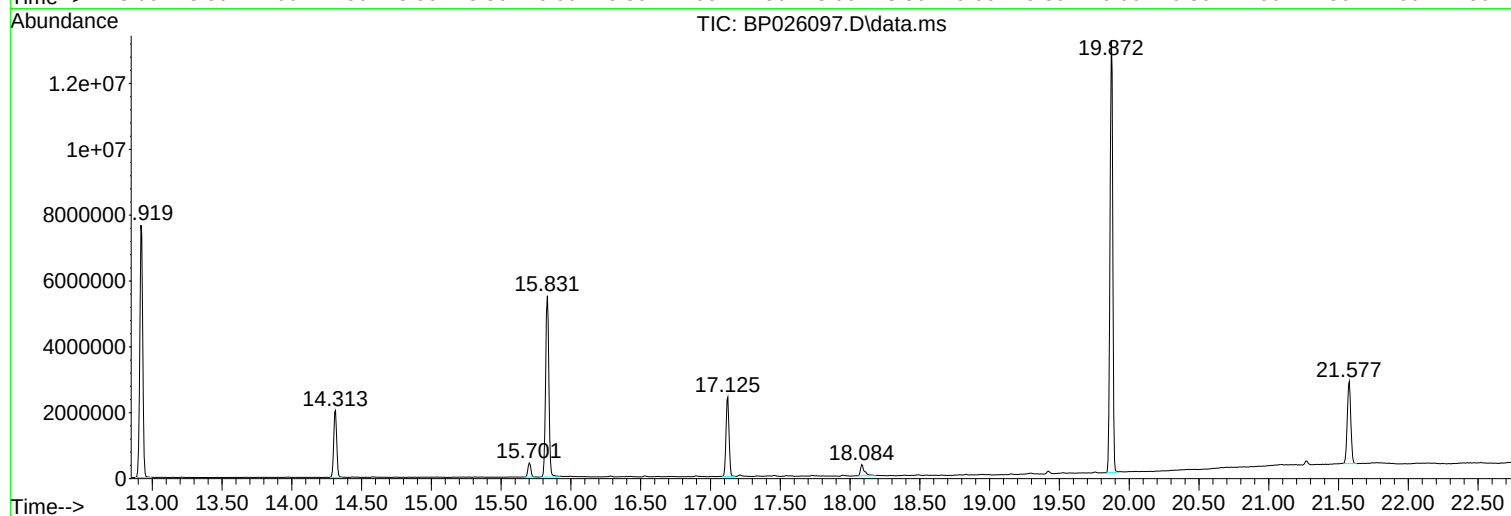
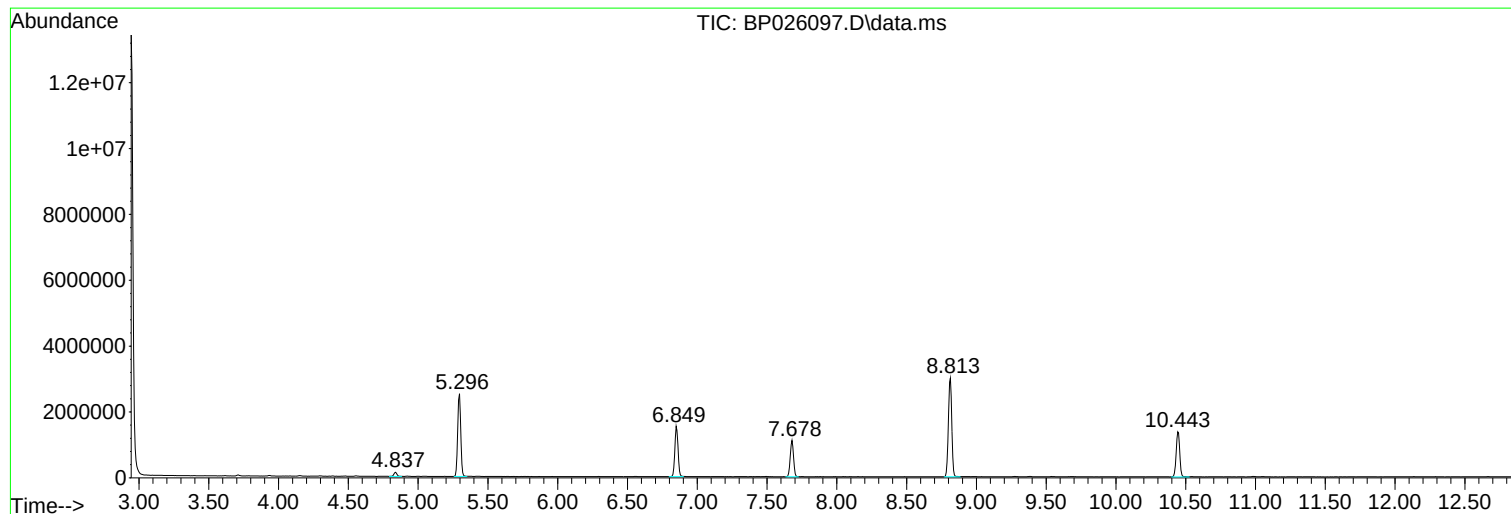
Sum of corrected areas: 71048049

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SW-1

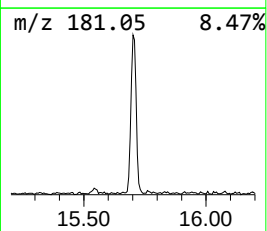
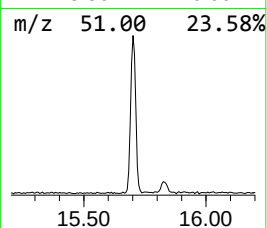
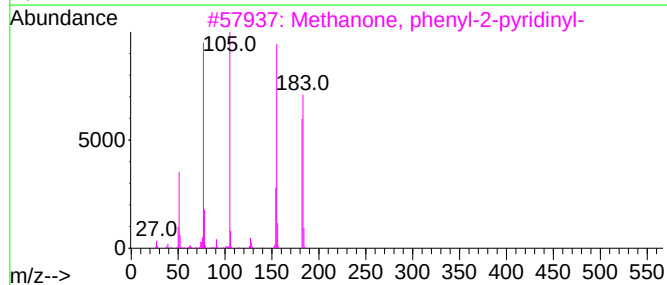
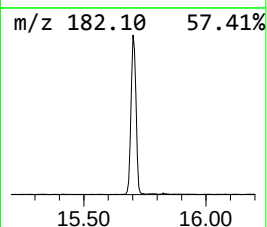
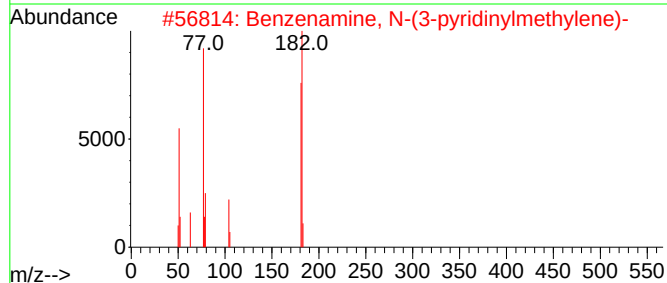
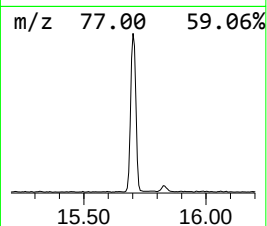
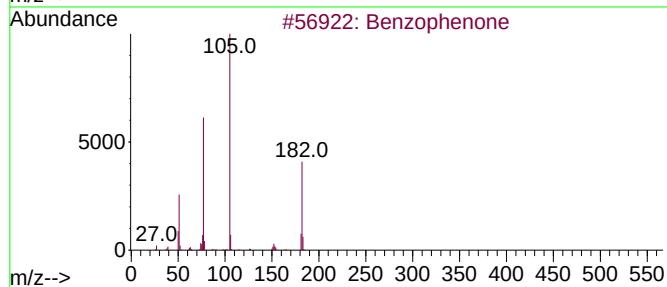
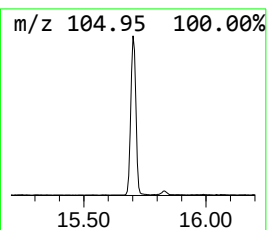
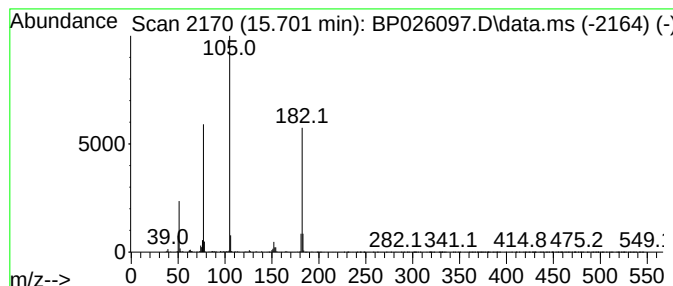
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.701	4.10 ng	632451	Acenaphthene-d10	14.313

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
3			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	40
4			Azobenzene	182	C12H10N2	000103-33-3	38
5			1,1-Diphenyl-2-phenylthiobut-3-e...	332	C22H20OS	097370-20-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SW-1

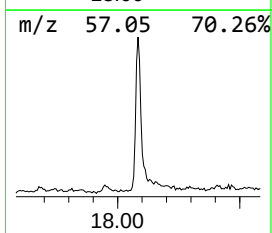
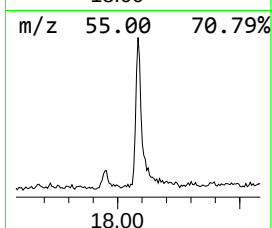
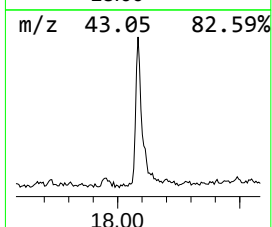
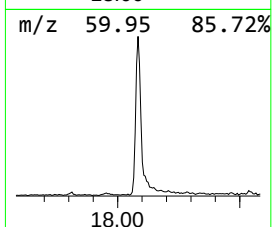
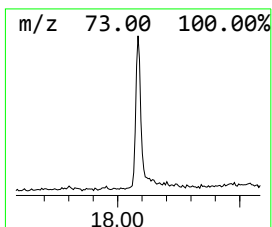
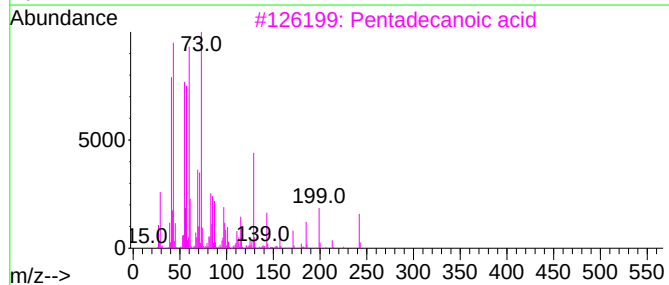
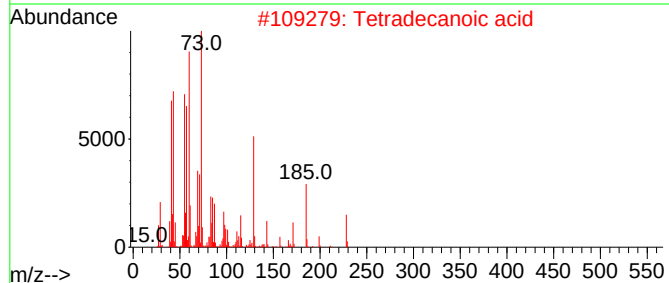
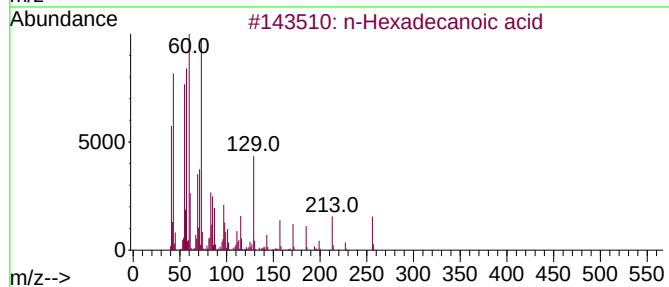
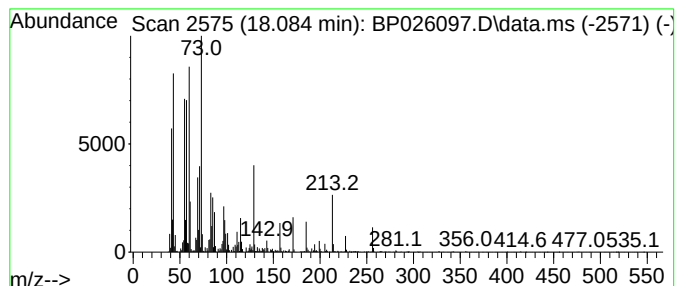
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.084	3.80 ng	689687	Phenanthrene-d10	17.125

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Octadecanoic acid	284	C18H36O2	000057-11-4	91
5			Tridecanoic acid	214	C13H26O2	000638-53-9	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026097.D
Acq On : 11 Nov 2025 19:36
Operator : RC/JU
Sample : Q3584-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	15.701	4.1	ng	632451	3	14.313	3081590	20.0
n-Hexadecanoic ...	18.084	3.8	ng	689687	4	17.125	3630880	20.0

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/07/25
Project: Edison Landfill	Date Received: 11/07/25
Client Sample ID: SW-2	SDG No.: Q3584
Lab Sample ID: Q3584-02	Matrix: Water
Analytical Method: 8270E	% Solid: 0
Sample Wt/Vol: 1000 mL	Test: SVOC-TCL BNA -20
Prep Method : 3510C	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.0	ug/L	11/11/25 15:09	PB170473
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/11/25 15:09	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/11/25 15:09	PB170473
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/11/25 15:09	PB170473
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/11/25 15:09	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/11/25 15:09	PB170473
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/11/25 15:09	PB170473
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/11/25 15:09	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/11/25 15:09	PB170473
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/11/25 15:09	PB170473
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/11/25 15:09	PB170473
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/11/25 15:09	PB170473
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/11/25 15:09	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/11/25 15:09	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/11/25 15:09	PB170473
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/11/25 15:09	PB170473
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/11/25 15:09	PB170473
106-47-8	4-Chloroaniline	0.84	UQ	1	0.84	5.00	ug/L	11/11/25 15:09	PB170473
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/11/25 15:09	PB170473
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/11/25 15:09	PB170473
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/11/25 15:09	PB170473
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/11/25 15:09	PB170473
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/11/25 15:09	PB170473
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/11/25 15:09	PB170473
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/11/25 15:09	PB170473
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/11/25 15:09	PB170473
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/11/25 15:09	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/11/25 15:09	PB170473
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/11/25 15:09	PB170473
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/11/25 15:09	PB170473
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/11/25 15:09	PB170473
99-09-2	3-Nitroaniline	1.10	UQ	1	1.10	5.00	ug/L	11/11/25 15:09	PB170473
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/11/25 15:09	PB170473
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/11/25 15:09	PB170473
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/11/25 15:09	PB170473
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/11/25 15:09	PB170473
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/11/25 15:09	PB170473
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/11/25 15:09	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/11/25 15:09	PB170473
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/11/25 15:09	PB170473
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/11/25 15:09	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/11/25 15:09	PB170473



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/07/25
Project:	Edison Landfill		Date Received:	11/07/25
Client Sample ID:	SW-2		SDG No.:	Q3584
Lab Sample ID:	Q3584-02		Matrix:	Water
Analytical Method:	8270E	Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	11/11/25 15:09	PB170473
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/11/25 15:09	PB170473
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/11/25 15:09	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/11/25 15:09	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/11/25 15:09	PB170473
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/11/25 15:09	PB170473
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/11/25 15:09	PB170473
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/11/25 15:09	PB170473
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/11/25 15:09	PB170473
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/11/25 15:09	PB170473
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/11/25 15:09	PB170473
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/11/25 15:09	PB170473
91-94-1	3,3-Dichlorobenzidine	0.93	UQ	1	0.93	10.0	ug/L	11/11/25 15:09	PB170473
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/11/25 15:09	PB170473
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/11/25 15:09	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	11/11/25 15:09	PB170473
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/11/25 15:09	PB170473
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/11/25 15:09	PB170473
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/11/25 15:09	PB170473
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/11/25 15:09	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/11/25 15:09	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/11/25 15:09	PB170473
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/11/25 15:09	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/11/25 15:09	PB170473
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/11/25 15:09	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/11/25 15:09	PB170473

SURROGATES

367-12-4	2-Fluorophenol	69.3		15 (10) - 110 (134)	46%	SPK: 150
13127-88-3	Phenol-d6	55.0		15 (10) - 110 (135)	37%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.7		30 (39) - 130 (138)	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.6		30 (52) - 130 (132)	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		15 (44) - 110 (137)	80%	SPK: 150
1718-51-0	Terphenyl-d14	66.8		30 (42) - 130 (152)	67%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	59300
1146-65-2	Naphthalene-d8	231000
15067-26-2	Acenaphthene-d10	120000
1517-22-2	Phenanthrene-d10	200000
1719-03-5	Chrysene-d12	163000
1520-96-3	Perylene-d12	207000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	5.90	J	10.6	ug/L
000057-10-3	n-Hexadecanoic acid	2.20	J	11.9	ug/L

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/07/25
Project:	Edison Landfill		Date Received:	11/07/25
Client Sample ID:	SW-2		SDG No.:	Q3584
Lab Sample ID:	Q3584-02		Matrix:	Water
Analytical Method:	8270E	Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-2

Quant Time: Nov 11 15:39:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	59255	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	231451	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	119771	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	200120	20.000	ng	0.00
76) Chrysene-d12	14.057	240	163164	20.000	ng	0.00
86) Perylene-d12	15.539	264	207285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	262551	69.337	ng	0.00
7) Phenol-d6	6.498	99	236120	55.033	ng	0.00
23) Nitrobenzene-d5	7.434	82	347465	86.704	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	179630	119.515	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	686010	84.594	ng	0.00
79) Terphenyl-d14	12.992	244	686303	66.812	ng	0.00

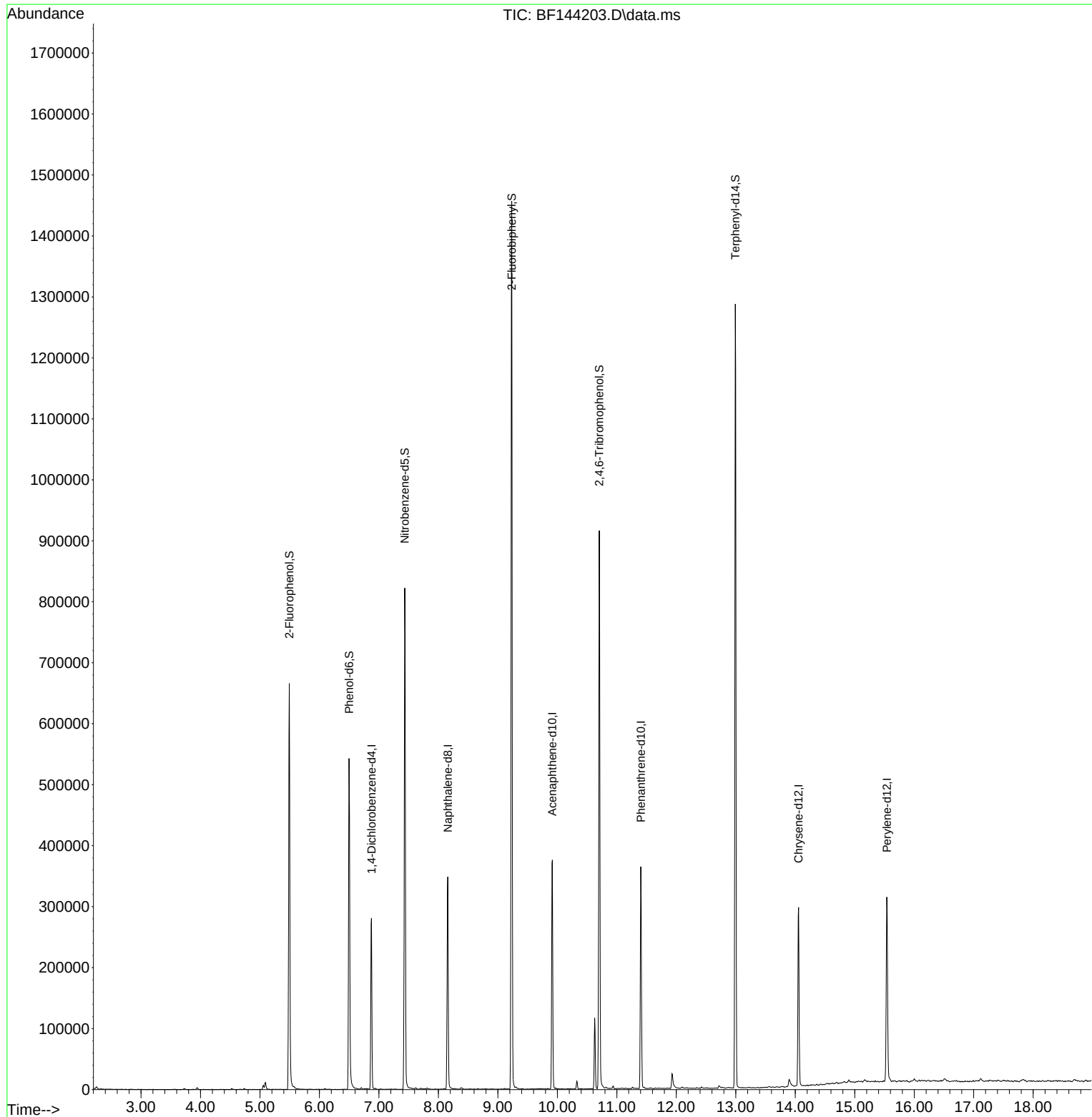
Target Compounds	Qvalue

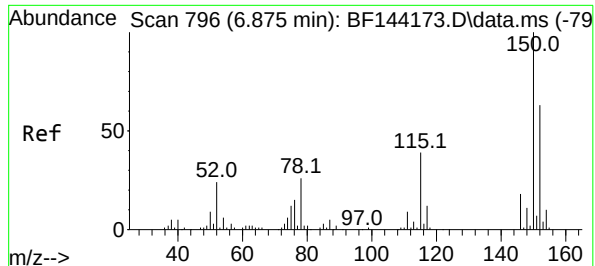
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-2

Quant Time: Nov 11 15:39:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

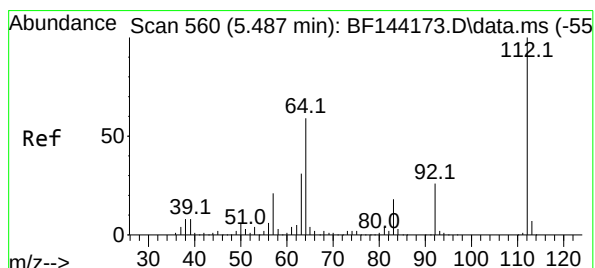
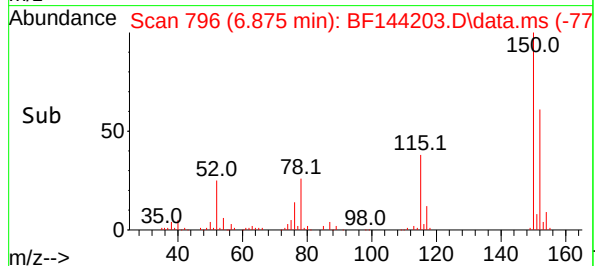
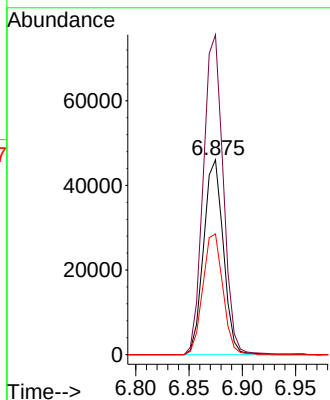
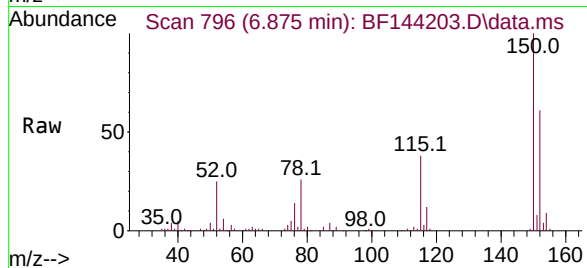




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

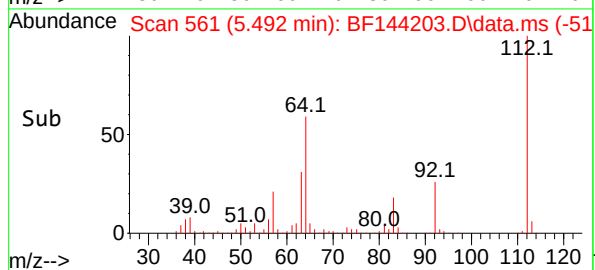
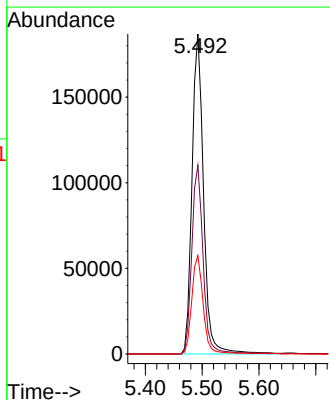
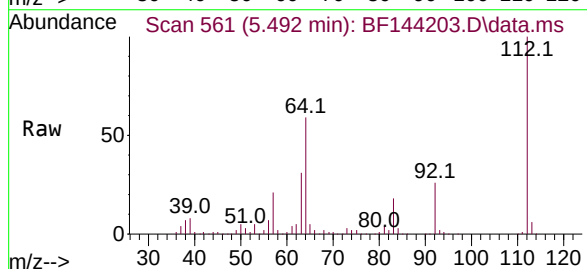
Instrument :
BNA_F
ClientSampleId :
SW-2

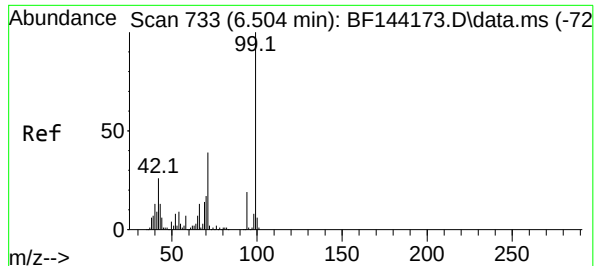
Tgt Ion:152 Resp: 59255
Ion Ratio Lower Upper
152 100
150 164.3 127.4 191.0
115 62.0 49.5 74.3



#5
2-Fluorophenol
Concen: 69.337 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Tgt Ion:112 Resp: 262551
Ion Ratio Lower Upper
112 100
64 58.9 47.2 70.8
63 30.7 24.4 36.6





#7

Phenol-d6

Concen: 55.033 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.000 min

Lab File: BF144203.D

Acq: 11 Nov 2025 15:09

Instrument :

BNA_F

ClientSampleId :

SW-2

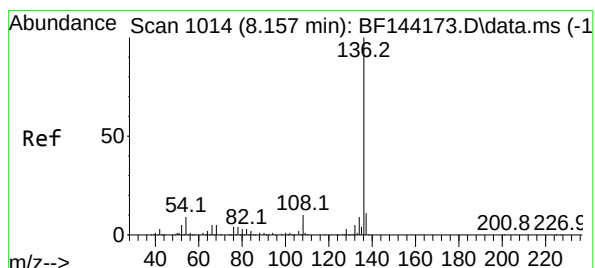
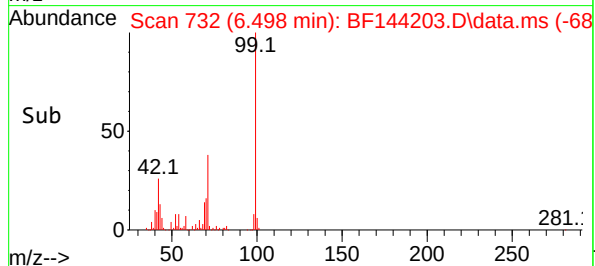
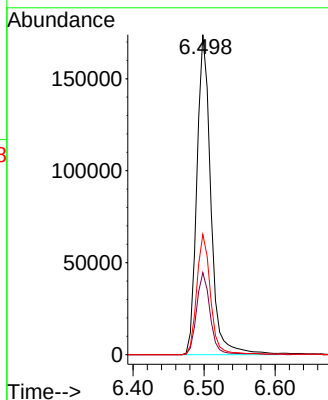
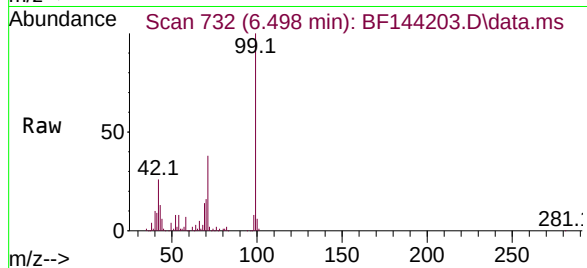
Tgt Ion: 99 Resp: 236120

Ion Ratio Lower Upper

99 100

42 25.6 20.9 31.3

71 37.6 31.4 47.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BF144203.D

Acq: 11 Nov 2025 15:09

Tgt Ion: 136 Resp: 231451

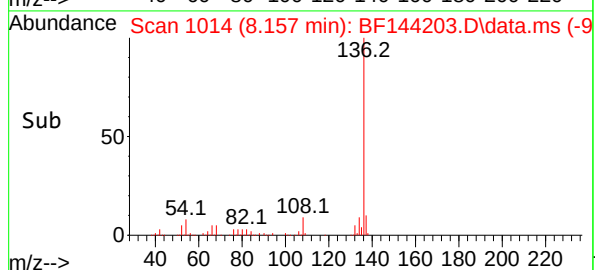
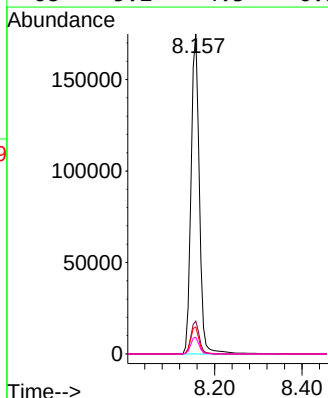
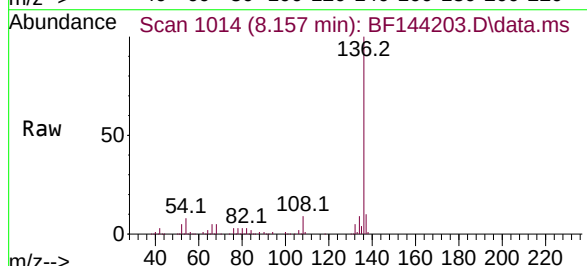
Ion Ratio Lower Upper

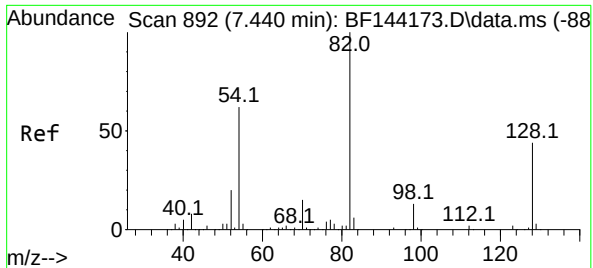
136 100

137 10.3 8.6 13.0

54 8.4 7.0 10.6

68 5.2 4.3 6.5





#23

Nitrobenzene-d5

Concen: 86.704 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF144203.D

Acq: 11 Nov 2025 15:09

Instrument :

BNA_F

ClientSampleId :

SW-2

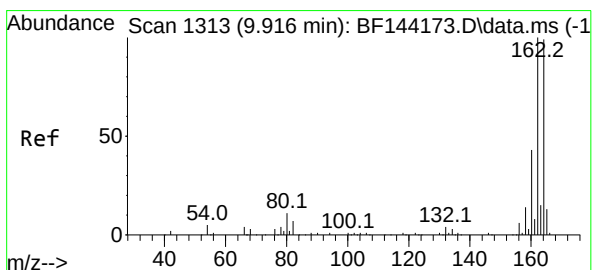
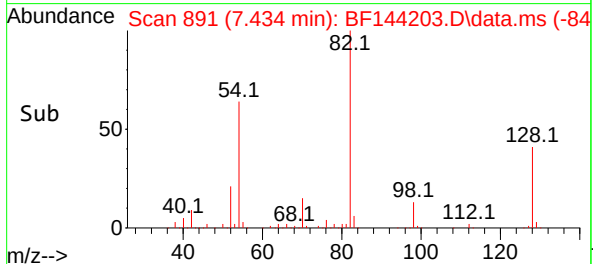
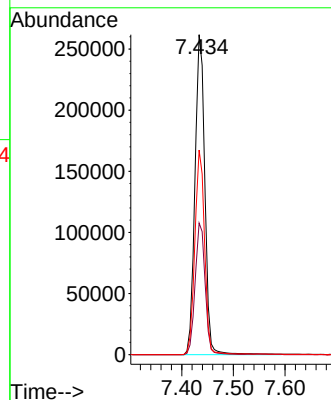
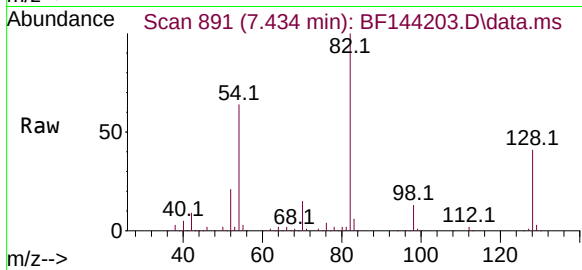
Tgt Ion: 82 Resp: 347465

Ion Ratio Lower Upper

82 100

128 41.1 34.7 52.1

54 63.9 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF144203.D

Acq: 11 Nov 2025 15:09

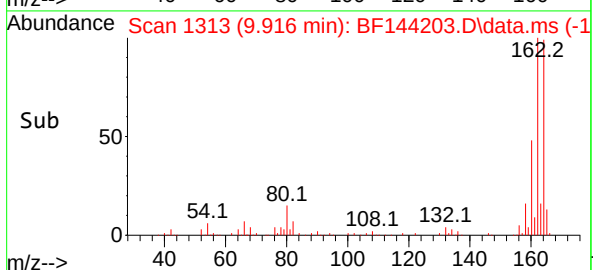
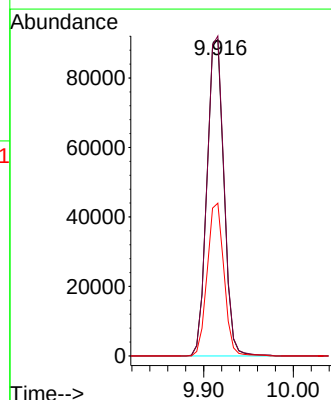
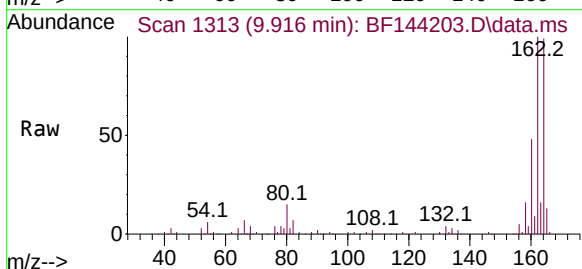
Tgt Ion:164 Resp: 119771

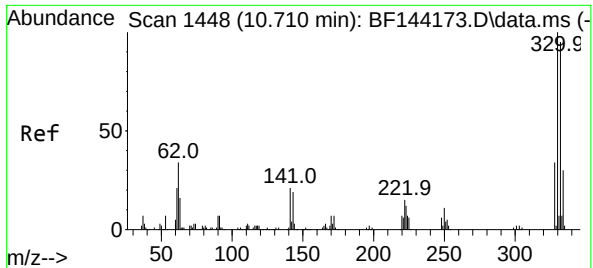
Ion Ratio Lower Upper

164 100

162 101.2 81.1 121.7

160 48.3 34.5 51.7

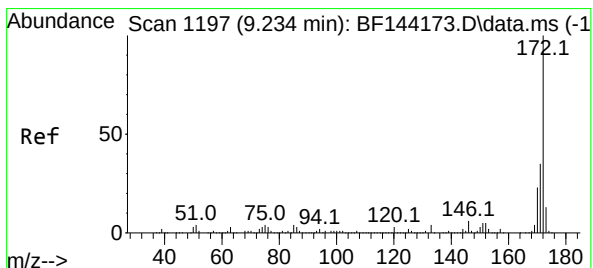
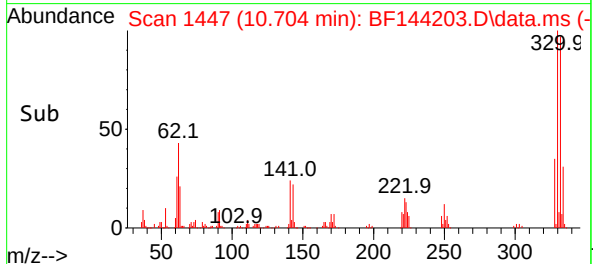
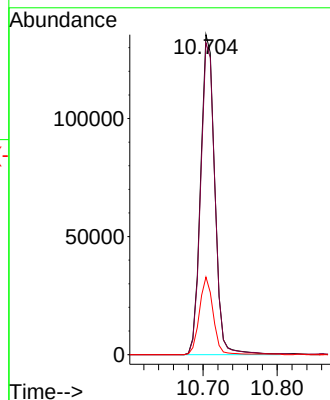
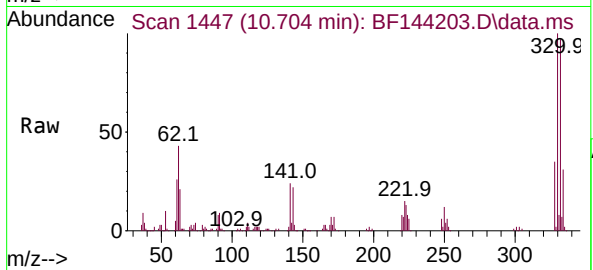




#42
2,4,6-Tribromophenol
Concen: 119.515 ng
RT: 10.704 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

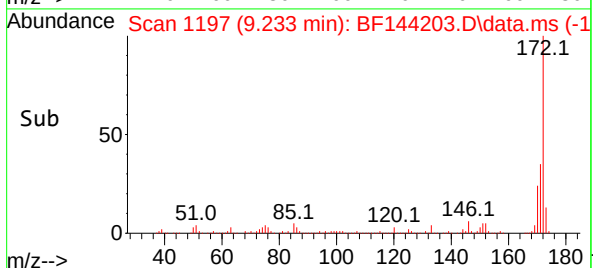
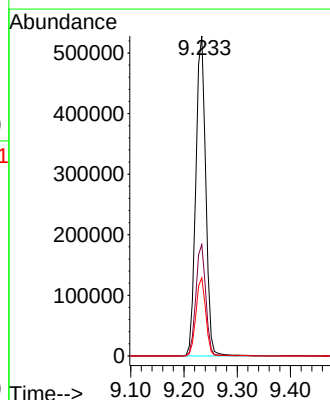
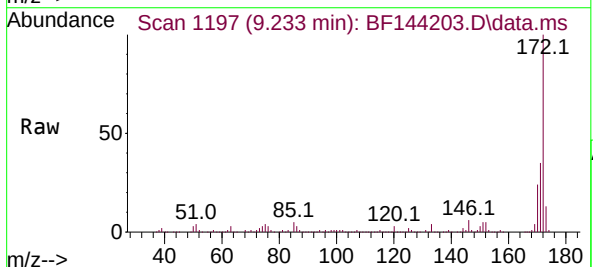
Instrument :
BNA_F
ClientSampleId :
SW-2

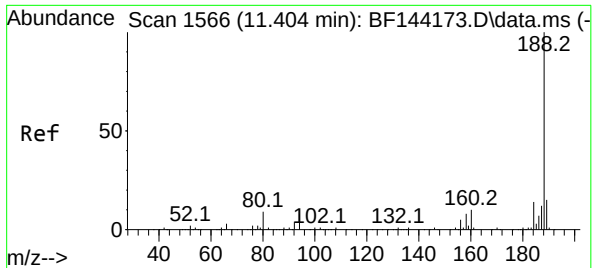
Tgt Ion:330 Resp: 179630
Ion Ratio Lower Upper
330 100
332 97.5 76.7 115.1
141 23.5 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 84.594 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144203.D
Acq: 11 Nov 2025 15:09

Tgt Ion:172 Resp: 686010
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 24.4 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1566

Delta R.T. -0.000 min

Lab File: BF144203.D

Acq: 11 Nov 2025 15:09

Instrument :

BNA_F

ClientSampleId :

SW-2

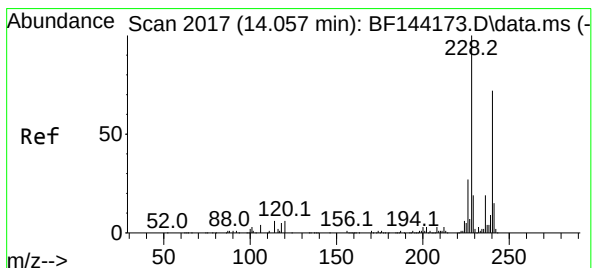
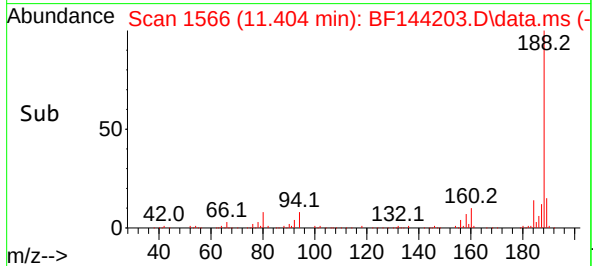
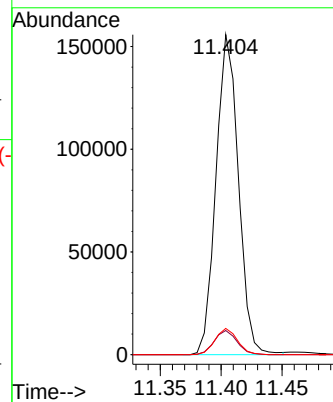
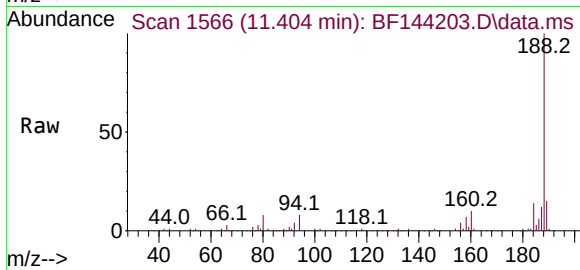
Tgt Ion:188 Resp: 200120

Ion Ratio Lower Upper

188 100

94 7.6 6.2 9.2

80 8.2 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 1717

Delta R.T. 0.006 min

Lab File: BF144203.D

Acq: 11 Nov 2025 15:09

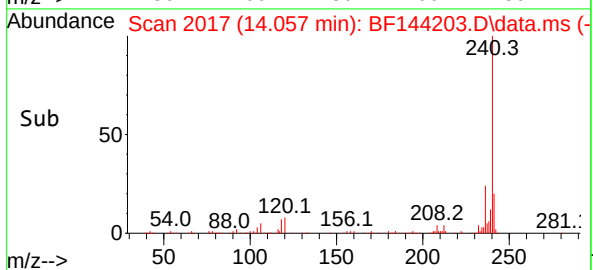
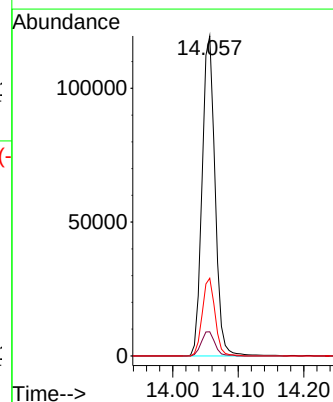
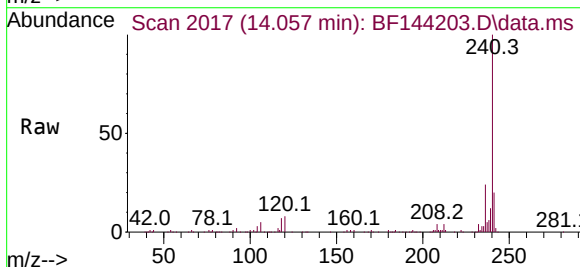
Tgt Ion:240 Resp: 163164

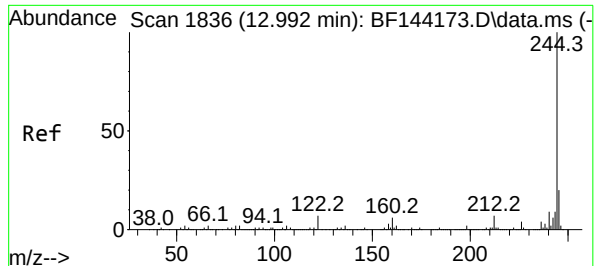
Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

236 24.3 21.4 32.2





#79

Terphenyl-d14

Concen: 66.812 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BF144203.D

Acq: 11 Nov 2025 15:09

Instrument :

BNA_F

ClientSampleId :

SW-2

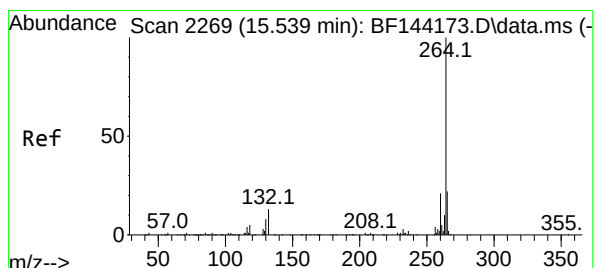
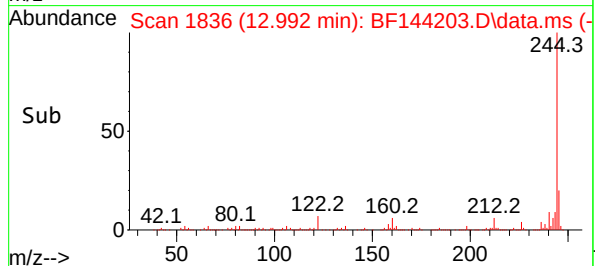
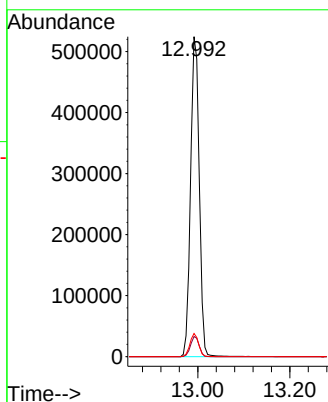
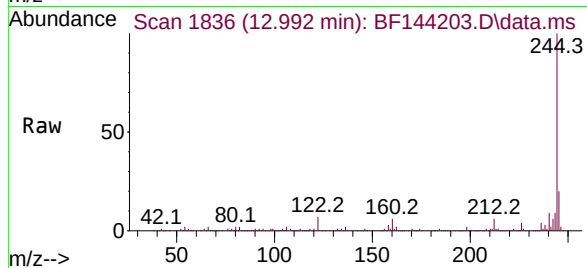
Tgt Ion:244 Resp: 686303

Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

122 7.2 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF144203.D

Acq: 11 Nov 2025 15:09

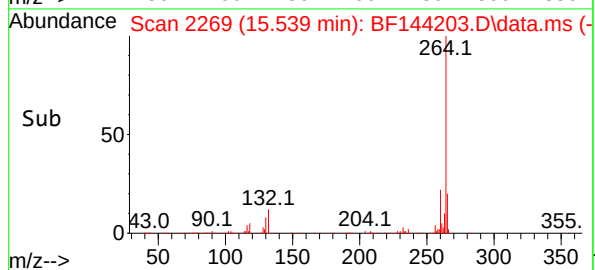
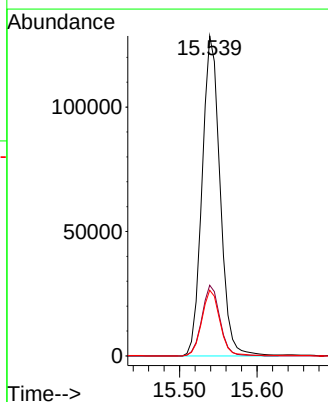
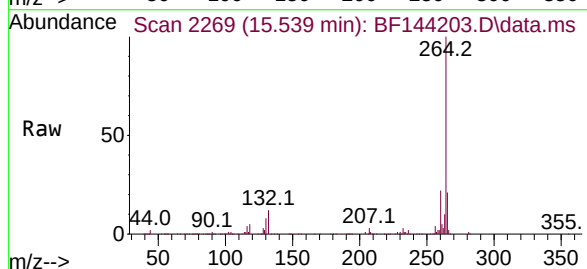
Tgt Ion:264 Resp: 207285

Ion Ratio Lower Upper

264 100

260 22.1 17.1 25.7

265 20.6 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-2

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144203.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.492	556	561	573	rBV	666005	914163	48.60%	8.817%
2	6.498	727	732	757	rBV	542767	739417	39.31%	7.132%
3	6.875	790	796	803	rBV	280592	364171	19.36%	3.513%
4	7.434	885	891	909	rBV	822365	1091120	58.01%	10.524%
5	8.157	1008	1014	1029	rBV	348135	454161	24.15%	4.381%
6	9.233	1191	1197	1206	rBV	1456217	1880969	100.00%	18.142%
7	9.916	1307	1313	1321	rBV	375106	490104	26.06%	4.727%
8	10.627	1429	1434	1442	rBV	116150	145237	7.72%	1.401%
9	10.704	1442	1447	1463	rBV	915141	1188505	63.19%	11.463%
10	11.404	1561	1566	1573	rBV	363864	463212	24.63%	4.468%
11	11.927	1651	1655	1671	rBV3	24248	50016	2.66%	0.482%
12	12.992	1831	1836	1842	rBV	1285597	1665483	88.54%	16.064%
13	13.898	1985	1990	2004	rBV7	11779	31287	1.66%	0.302%
14	14.057	2011	2017	2029	rVB	292585	397175	21.12%	3.831%
15	15.539	2263	2269	2283	rVB	302701	492739	26.20%	4.753%

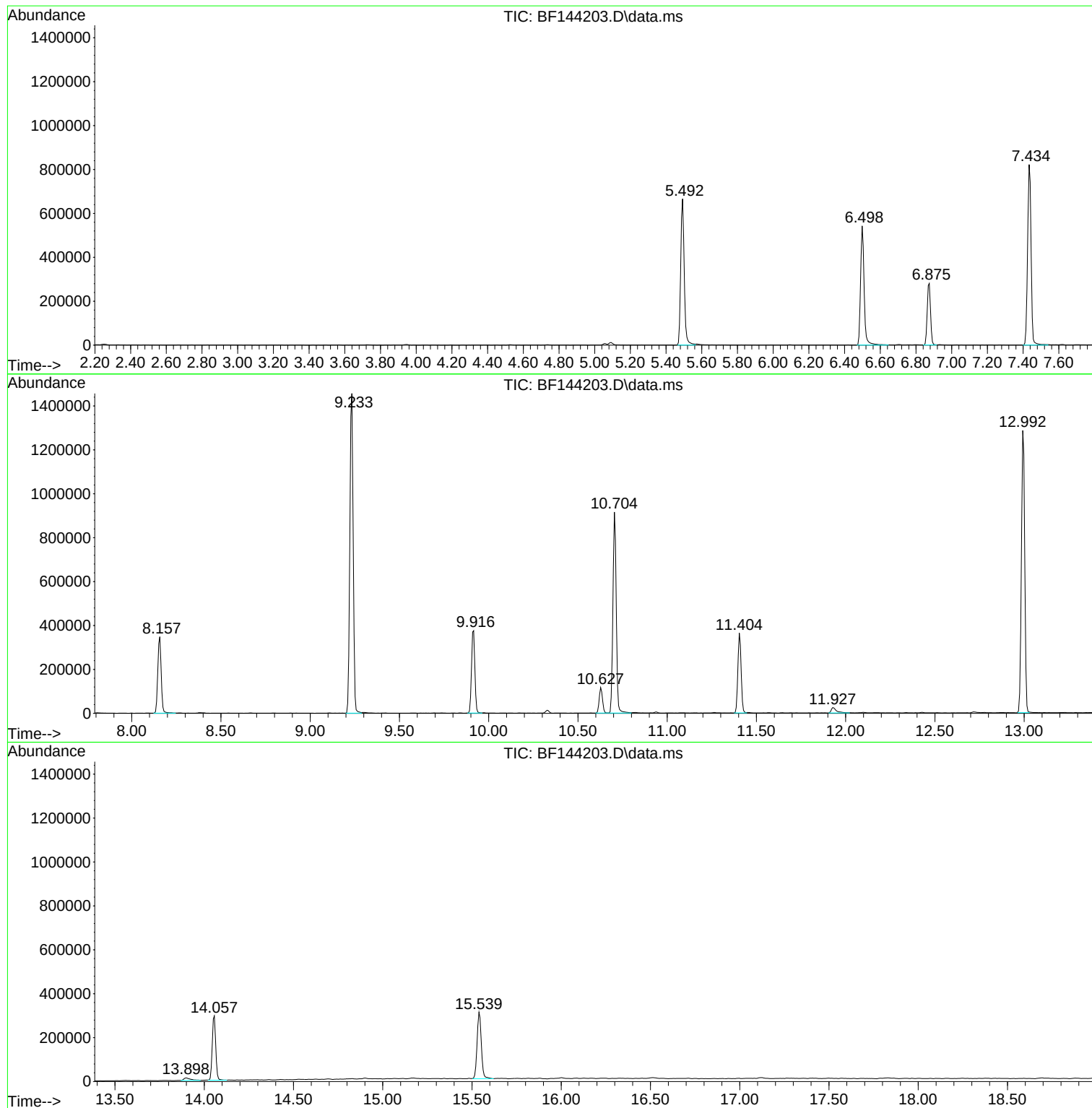
Sum of corrected areas: 10367759

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-2

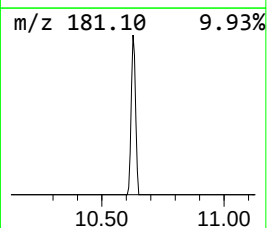
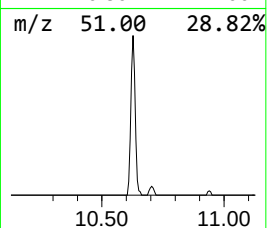
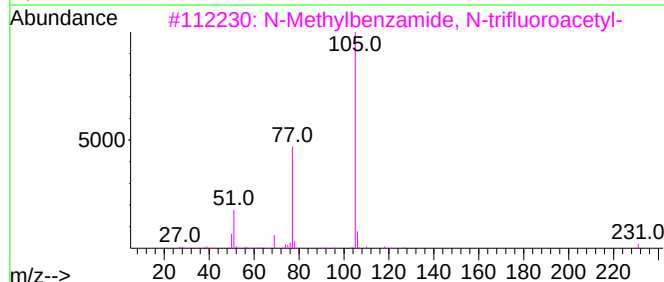
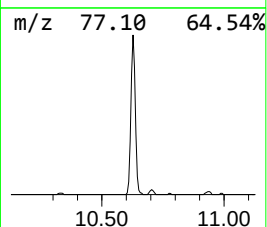
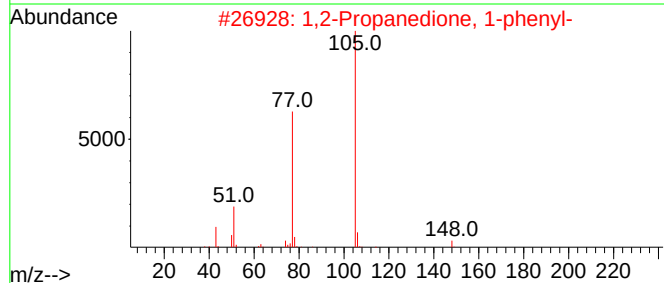
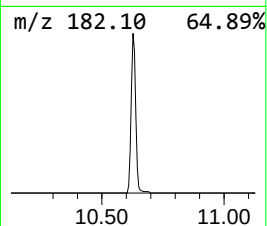
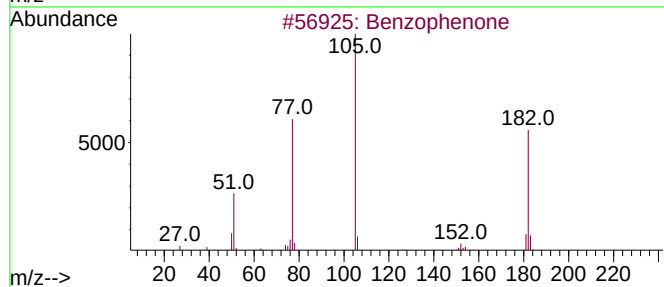
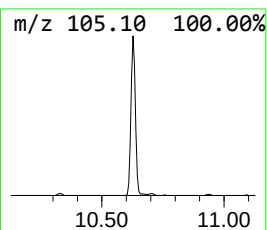
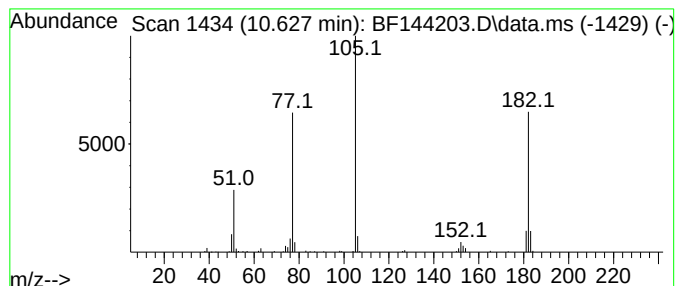
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	5.93 ng	145237	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	43
3			N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	43
4			Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	43
5			N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-2

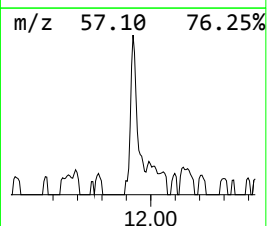
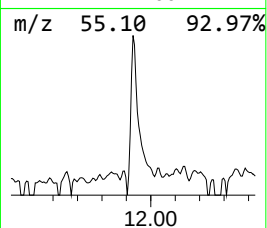
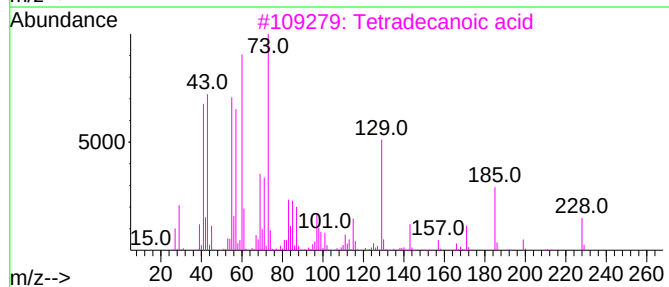
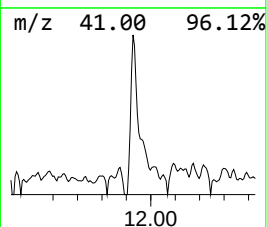
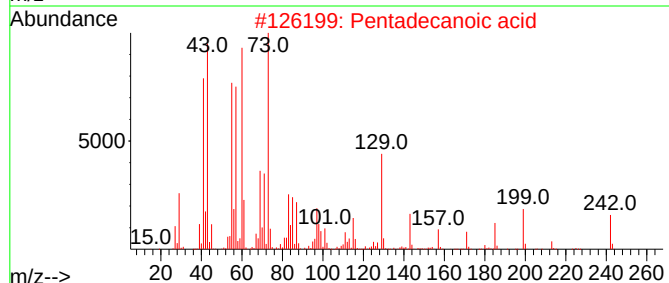
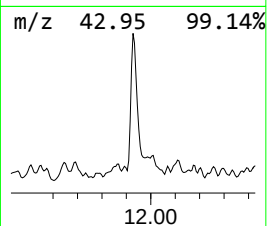
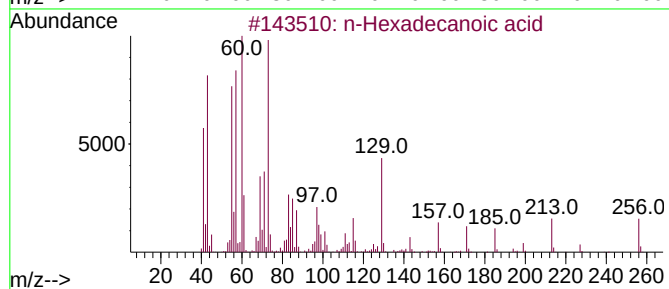
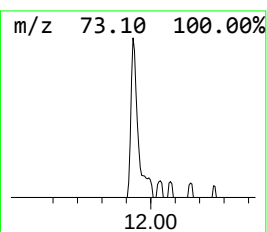
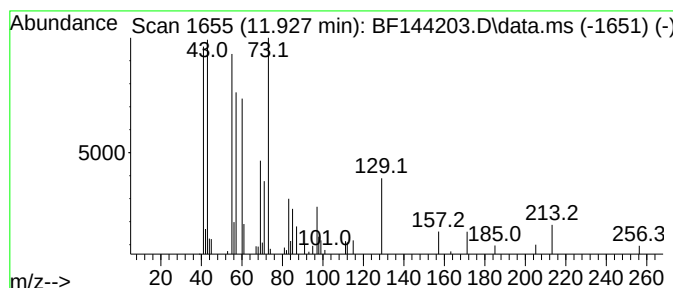
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	2.16 ng	50016	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4			Tridecanoic acid	214	C13H26O2	000638-53-9	64
5			Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144203.D
Acq On : 11 Nov 2025 15:09
Operator : RC/JU
Sample : Q3584-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.627	5.9	ng	145237	3	9.916	490104	20.0
n-Hexadecanoic ...	11.927	2.2	ng	50016	4	11.404	463212	20.0



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client: Remington & Vernick Engineers

Project: Edison Landfill

Client Sample ID: SW-3

Lab Sample ID: Q3584-03

Analytical Method: 8270E Level: LOW

Sample Wt/Vol: 990 mL Final Vol: 1000 uL

Prep Method : 3510C Prep Date: 11/10/25

Date Collected: 11/07/25

Date Received: 11/07/25

SDG No.: Q3584

Matrix: Water

% Solid: 0

Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.1	ug/L	11/11/25 15:38	PB170473
108-95-2	Phenol	0.92	U	1	0.92	5.10	ug/L	11/11/25 15:38	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.82	U	1	0.82	5.10	ug/L	11/11/25 15:38	PB170473
95-57-8	2-Chlorophenol	0.59	U	1	0.59	5.10	ug/L	11/11/25 15:38	PB170473
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.10	ug/L	11/11/25 15:38	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.10	ug/L	11/11/25 15:38	PB170473
98-86-2	Acetophenone	0.75	U	1	0.75	5.10	ug/L	11/11/25 15:38	PB170473
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.1	ug/L	11/11/25 15:38	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/11/25 15:38	PB170473
67-72-1	Hexachloroethane	0.66	U	1	0.66	5.10	ug/L	11/11/25 15:38	PB170473
98-95-3	Nitrobenzene	0.77	U	1	0.77	5.10	ug/L	11/11/25 15:38	PB170473
78-59-1	Isophorone	0.76	U	1	0.76	5.10	ug/L	11/11/25 15:38	PB170473
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.10	ug/L	11/11/25 15:38	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.10	ug/L	11/11/25 15:38	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	1	0.69	5.10	ug/L	11/11/25 15:38	PB170473
120-83-2	2,4-Dichlorophenol	0.53	U	1	0.53	5.10	ug/L	11/11/25 15:38	PB170473
91-20-3	Naphthalene	0.51	U	1	0.51	5.10	ug/L	11/11/25 15:38	PB170473
106-47-8	4-Chloroaniline	0.85	UQ	1	0.85	5.10	ug/L	11/11/25 15:38	PB170473
87-68-3	Hexachlorobutadiene	0.55	U	1	0.55	5.10	ug/L	11/11/25 15:38	PB170473
105-60-2	Caprolactam	1.10	U	1	1.10	10.1	ug/L	11/11/25 15:38	PB170473
59-50-7	4-Chloro-3-methylphenol	0.60	U	1	0.60	5.10	ug/L	11/11/25 15:38	PB170473
91-57-6	2-Methylnaphthalene	0.57	U	1	0.57	5.10	ug/L	11/11/25 15:38	PB170473
77-47-4	Hexachlorocyclopentadiene	3.70	U	1	3.70	10.1	ug/L	11/11/25 15:38	PB170473
88-06-2	2,4,6-Trichlorophenol	0.52	U	1	0.52	5.10	ug/L	11/11/25 15:38	PB170473
95-95-4	2,4,5-Trichlorophenol	0.63	U	1	0.63	5.10	ug/L	11/11/25 15:38	PB170473
92-52-4	1,1-Biphenyl	0.54	U	1	0.54	5.10	ug/L	11/11/25 15:38	PB170473
91-58-7	2-Chloronaphthalene	0.62	U	1	0.62	5.10	ug/L	11/11/25 15:38	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.10	ug/L	11/11/25 15:38	PB170473
131-11-3	Dimethylphthalate	0.62	U	1	0.62	5.10	ug/L	11/11/25 15:38	PB170473
208-96-8	Acenaphthylene	0.76	U	1	0.76	5.10	ug/L	11/11/25 15:38	PB170473
606-20-2	2,6-Dinitrotoluene	0.93	U	1	0.93	5.10	ug/L	11/11/25 15:38	PB170473
99-09-2	3-Nitroaniline	1.10	UQ	1	1.10	5.10	ug/L	11/11/25 15:38	PB170473
83-32-9	Acenaphthene	0.56	U	1	0.56	5.10	ug/L	11/11/25 15:38	PB170473
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.1	ug/L	11/11/25 15:38	PB170473
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.1	ug/L	11/11/25 15:38	PB170473
132-64-9	Dibenzofuran	0.62	U	1	0.62	5.10	ug/L	11/11/25 15:38	PB170473
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.10	ug/L	11/11/25 15:38	PB170473
84-66-2	Diethylphthalate	0.70	U	1	0.70	5.10	ug/L	11/11/25 15:38	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	1	0.69	5.10	ug/L	11/11/25 15:38	PB170473
86-73-7	Fluorene	0.64	U	1	0.64	5.10	ug/L	11/11/25 15:38	PB170473
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.10	ug/L	11/11/25 15:38	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.1	ug/L	11/11/25 15:38	PB170473

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/07/25	
Project: Edison Landfill	Date Received: 11/07/25	
Client Sample ID: SW-3	SDG No.: Q3584	
Lab Sample ID: Q3584-03	Matrix: Water	
Analytical Method: 8270E	% Solid: 0	
Sample Wt/Vol: 990 mL	Test: SVOC-TCL BNA -20	
Prep Method : 3510C		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.59	U	1	0.59	5.10	ug/L	11/11/25 15:38	PB170473
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.10	ug/L	11/11/25 15:38	PB170473
118-74-1	Hexachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/11/25 15:38	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.10	ug/L	11/11/25 15:38	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.1	ug/L	11/11/25 15:38	PB170473
85-01-8	Phenanthrene	0.51	U	1	0.51	5.10	ug/L	11/11/25 15:38	PB170473
120-12-7	Anthracene	0.62	U	1	0.62	5.10	ug/L	11/11/25 15:38	PB170473
86-74-8	Carbazole	0.73	U	1	0.73	5.10	ug/L	11/11/25 15:38	PB170473
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.10	ug/L	11/11/25 15:38	PB170473
206-44-0	Fluoranthene	0.83	U	1	0.83	5.10	ug/L	11/11/25 15:38	PB170473
129-00-0	Pyrene	0.51	U	1	0.51	5.10	ug/L	11/11/25 15:38	PB170473
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.10	ug/L	11/11/25 15:38	PB170473
91-94-1	3,3-Dichlorobenzidine	0.94	UQ	1	0.94	10.1	ug/L	11/11/25 15:38	PB170473
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.10	ug/L	11/11/25 15:38	PB170473
218-01-9	Chrysene	0.44	U	1	0.44	5.10	ug/L	11/11/25 15:38	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.10	ug/L	11/11/25 15:38	PB170473
117-84-0	Di-n-octyl phthalate	2.40	U	1	2.40	10.1	ug/L	11/11/25 15:38	PB170473
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.10	ug/L	11/11/25 15:38	PB170473
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.10	ug/L	11/11/25 15:38	PB170473
50-32-8	Benzo(a)pyrene	0.56	U	1	0.56	5.10	ug/L	11/11/25 15:38	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	1	0.60	5.10	ug/L	11/11/25 15:38	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.68	U	1	0.68	5.10	ug/L	11/11/25 15:38	PB170473
191-24-2	Benzo(g,h,i)perylene	0.70	U	1	0.70	5.10	ug/L	11/11/25 15:38	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/11/25 15:38	PB170473
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.10	ug/L	11/11/25 15:38	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.73	U	1	0.73	5.10	ug/L	11/11/25 15:38	PB170473

SURROGATES

367-12-4	2-Fluorophenol	69.2		15 (10) - 110 (134)	46%	SPK: 150
13127-88-3	Phenol-d6	53.8		15 (10) - 110 (135)	36%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.3		30 (39) - 130 (138)	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.1		30 (52) - 130 (132)	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119		15 (44) - 110 (137)	79%	SPK: 150
1718-51-0	Terphenyl-d14	60.4		30 (42) - 130 (152)	60%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	54300
1146-65-2	Naphthalene-d8	195000
15067-26-2	Acenaphthene-d10	103000
1517-22-2	Phenanthrene-d10	166000
1719-03-5	Chrysene-d12	186000
1520-96-3	Perylene-d12	228000

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/07/25	
Project: Edison Landfill	Date Received: 11/07/25	
Client Sample ID: SW-3	SDG No.: Q3584	
Lab Sample ID: Q3584-03	Matrix: Water	
Analytical Method: 8270E	% Solid: 0	
Level: LOW	Test: SVOC-TCL BNA -20	
Sample Wt/Vol: 990 mL		
Final Vol: 1000 uL		
Prep Method : 3510C		
Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144204.D
 Acq On : 11 Nov 2025 15:38
 Operator : RC/JU
 Sample : Q3584-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-3

Quant Time: Nov 11 15:59:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	54285	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	195487	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	102900	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	165829	20.000	ng	0.00
76) Chrysene-d12	14.057	240	186431	20.000	ng	0.00
86) Perylene-d12	15.539	264	227605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	240153	69.229	ng	0.00
7) Phenol-d6	6.498	99	211309	53.760	ng	0.00
23) Nitrobenzene-d5	7.434	82	295394	87.272	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	153092	118.559	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	585790	84.079	ng	0.00
79) Terphenyl-d14	12.992	244	708798	60.390	ng	0.00

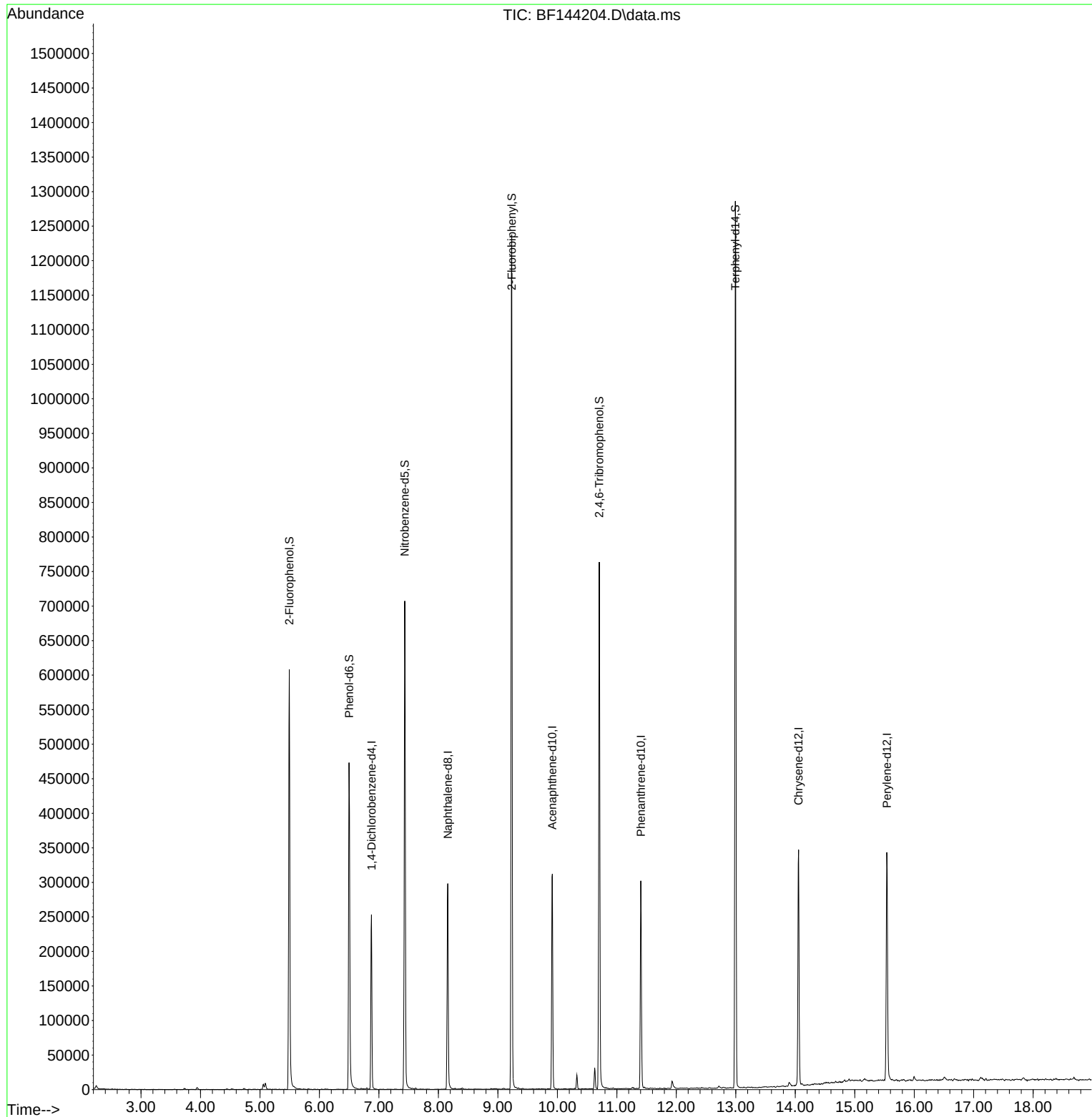
Target Compounds	Qvalue

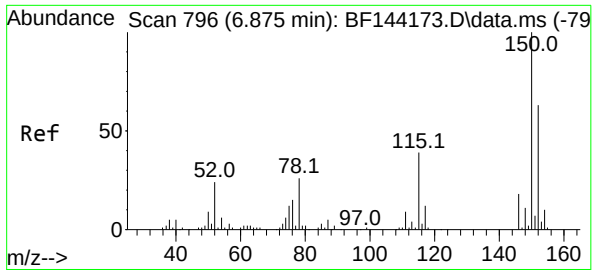
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144204.D
Acq On : 11 Nov 2025 15:38
Operator : RC/JU
Sample : Q3584-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-3

Quant Time: Nov 11 15:59:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

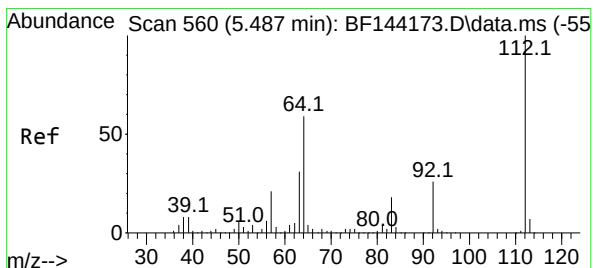
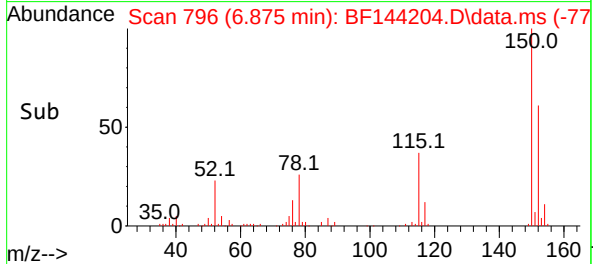
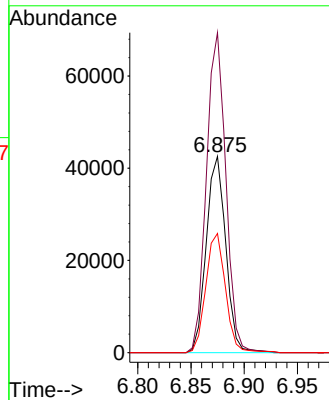
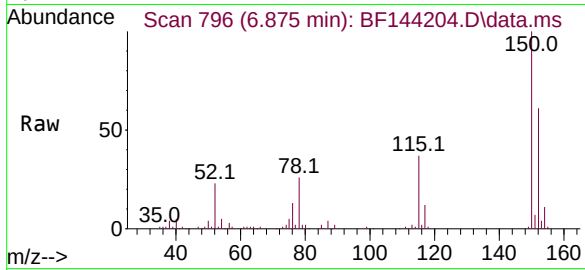




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

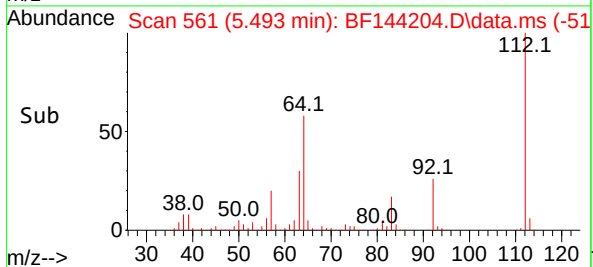
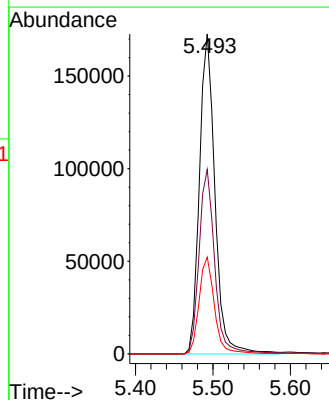
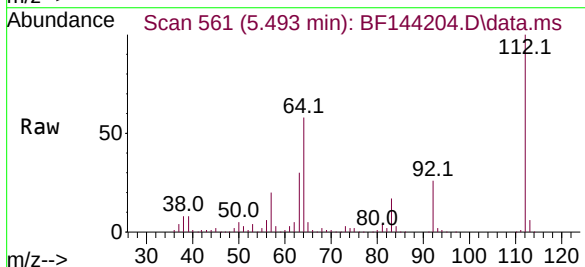
Instrument :
BNA_F
ClientSampleId :
SW-3

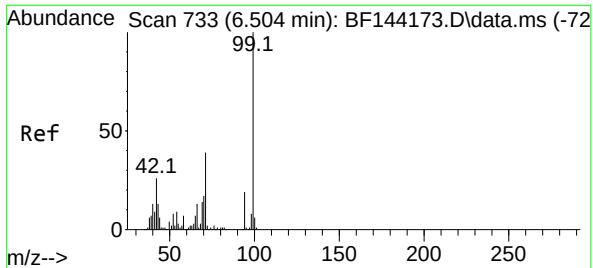
Tgt Ion:152 Resp: 54285
Ion Ratio Lower Upper
152 100
150 163.1 127.4 191.0
115 60.7 49.5 74.3



#5
2-Fluorophenol
Concen: 69.229 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:112 Resp: 240153
Ion Ratio Lower Upper
112 100
64 57.6 47.2 70.8
63 30.2 24.4 36.6





#7

Phenol-d6

Concen: 53.760 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.000 min

Lab File: BF144204.D

Acq: 11 Nov 2025 15:38

Instrument :

BNA_F

ClientSampleId :

SW-3

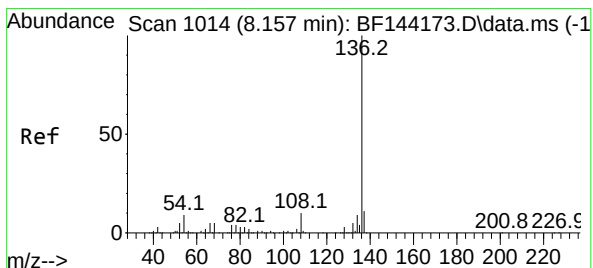
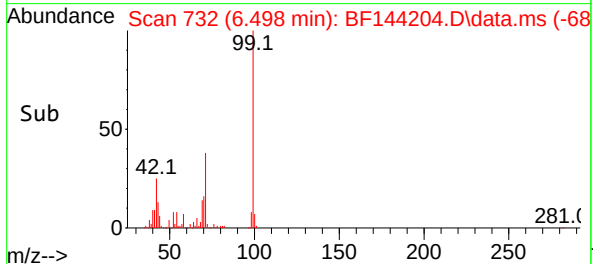
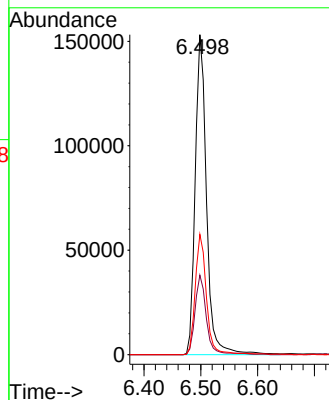
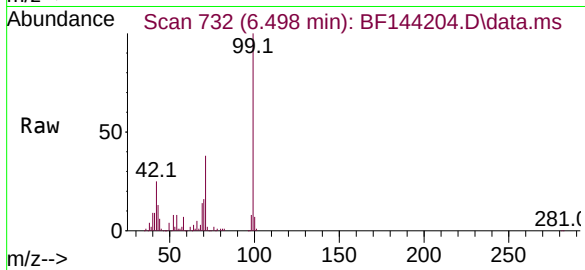
Tgt Ion: 99 Resp: 211309

Ion Ratio Lower Upper

99 100

42 24.8 20.9 31.3

71 37.6 31.4 47.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BF144204.D

Acq: 11 Nov 2025 15:38

Tgt Ion: 136 Resp: 195487

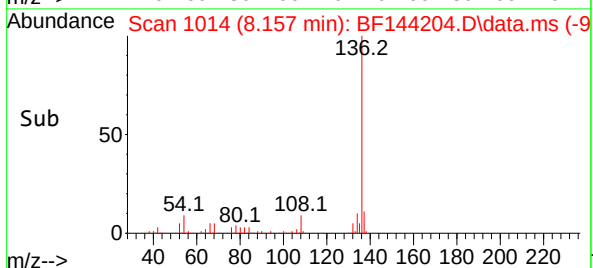
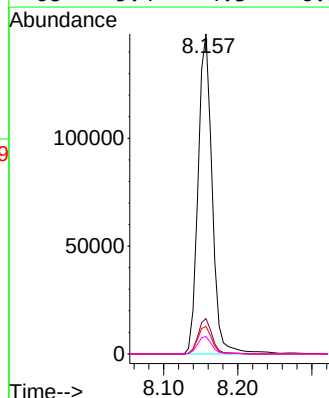
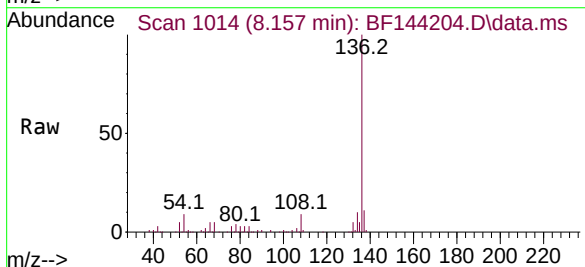
Ion Ratio Lower Upper

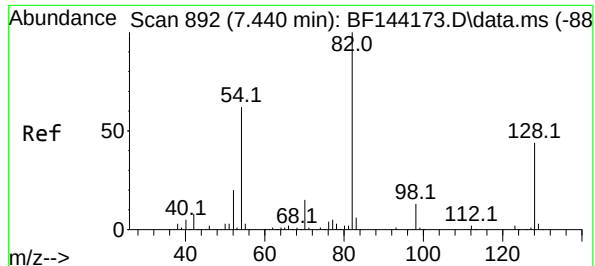
136 100

137 11.0 8.6 13.0

54 8.6 7.0 10.6

68 5.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 87.272 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF144204.D

Acq: 11 Nov 2025 15:38

Instrument :

BNA_F

ClientSampleId :

SW-3

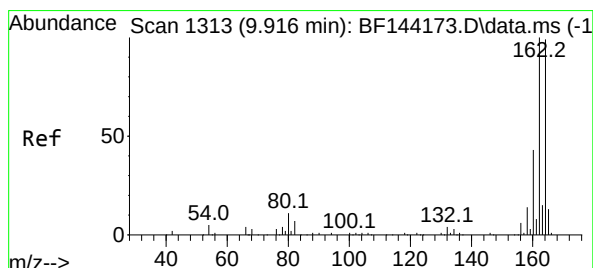
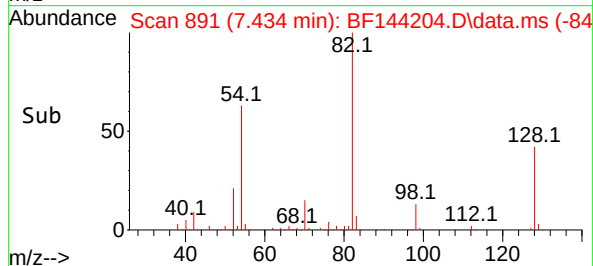
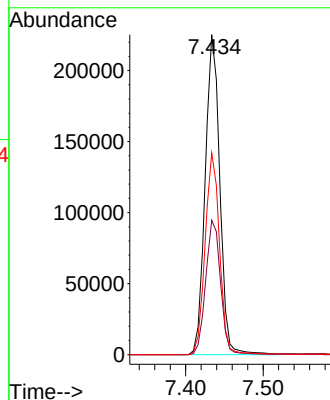
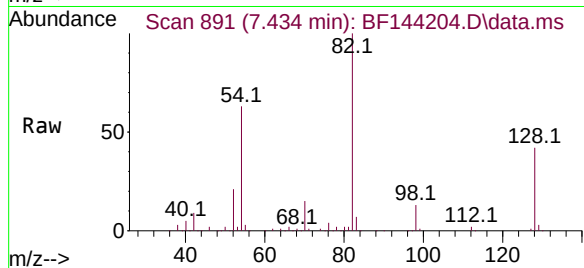
Tgt Ion: 82 Resp: 295394

Ion Ratio Lower Upper

82 100

128 42.0 34.7 52.1

54 63.0 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF144204.D

Acq: 11 Nov 2025 15:38

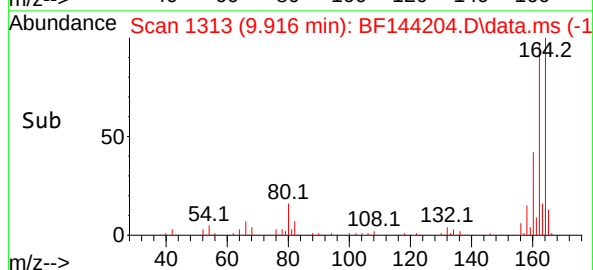
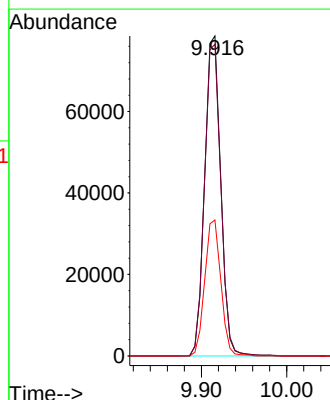
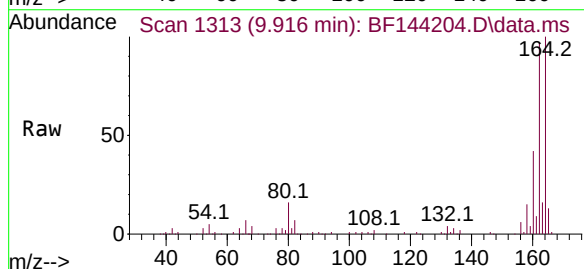
Tgt Ion:164 Resp: 102900

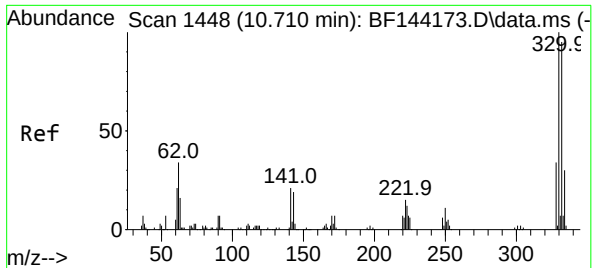
Ion Ratio Lower Upper

164 100

162 97.4 81.1 121.7

160 42.5 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 118.559 ng

RT: 10.704 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF144204.D

Acq: 11 Nov 2025 15:38

Instrument :

BNA_F

ClientSampleId :

SW-3

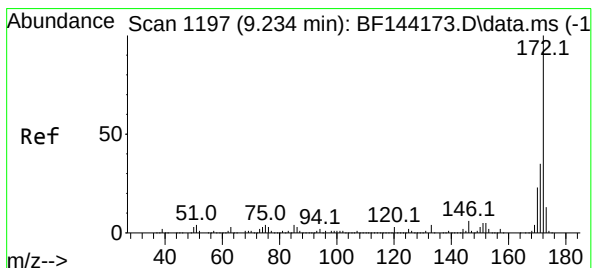
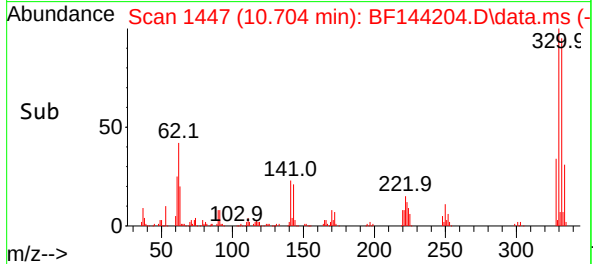
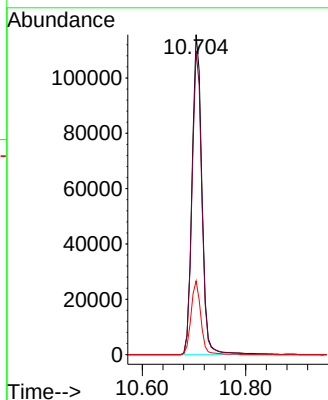
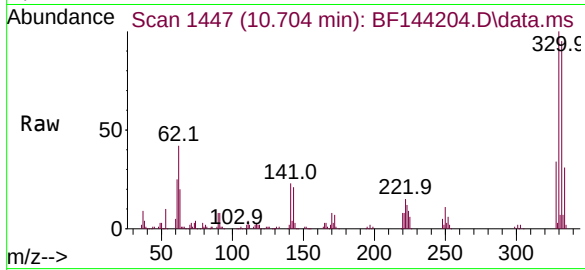
Tgt Ion:330 Resp: 153092

Ion Ratio Lower Upper

330 100

332 94.4 76.7 115.1

141 22.7 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 84.079 ng

RT: 9.233 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF144204.D

Acq: 11 Nov 2025 15:38

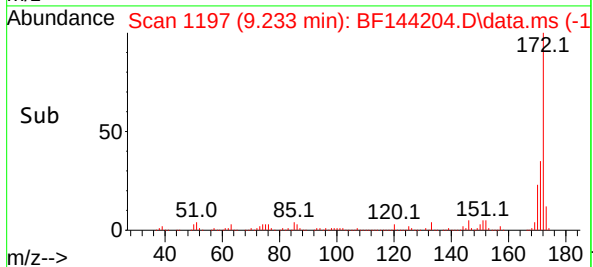
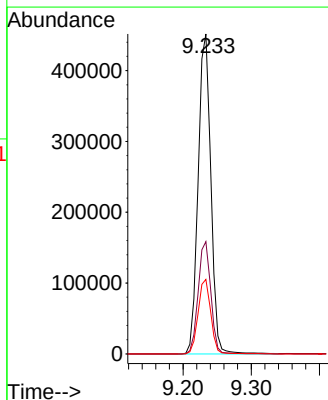
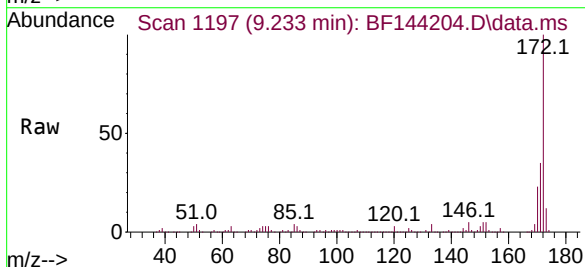
Tgt Ion:172 Resp: 585790

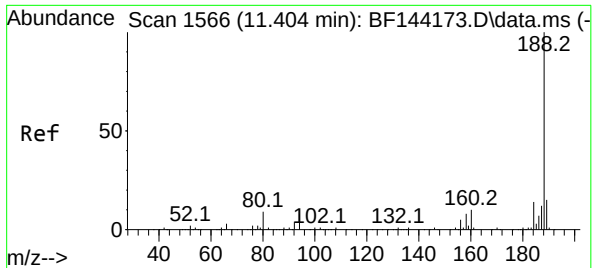
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.3 18.6 28.0

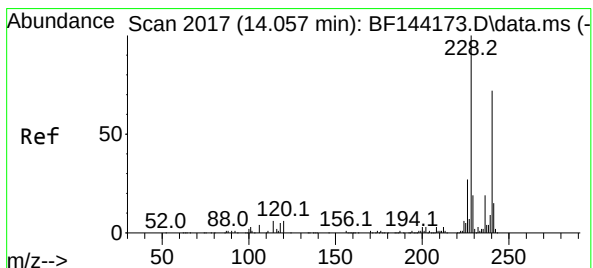
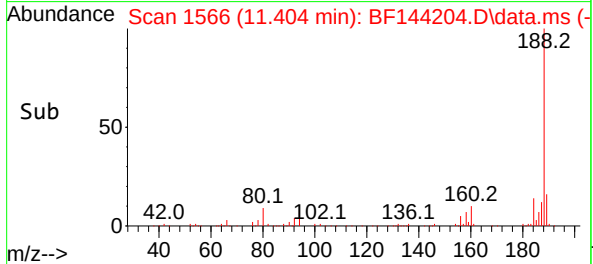
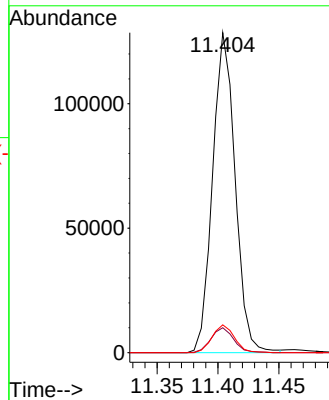
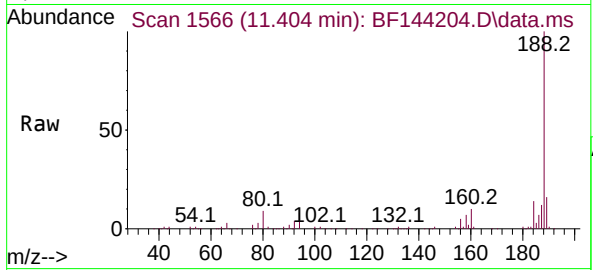




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

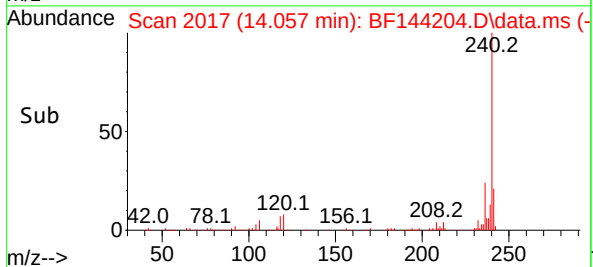
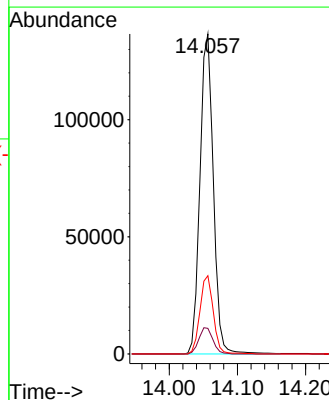
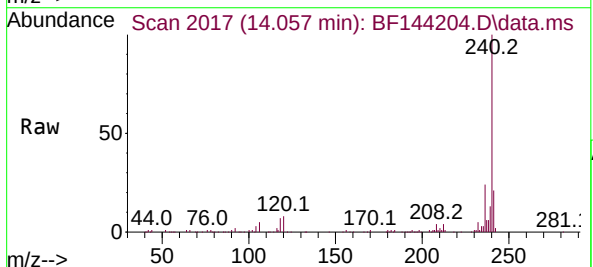
Instrument :
BNA_F
ClientSampleId :
SW-3

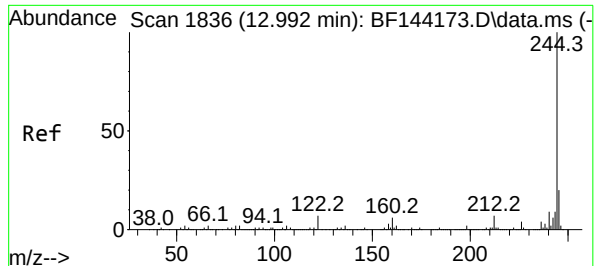
Tgt Ion:188 Resp: 165829
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 8.7 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144204.D
Acq: 11 Nov 2025 15:38

Tgt Ion:240 Resp: 186431
Ion Ratio Lower Upper
240 100
120 8.0 6.6 10.0
236 24.4 21.4 32.2





#79

Terphenyl-d14

Concen: 60.390 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BF144204.D

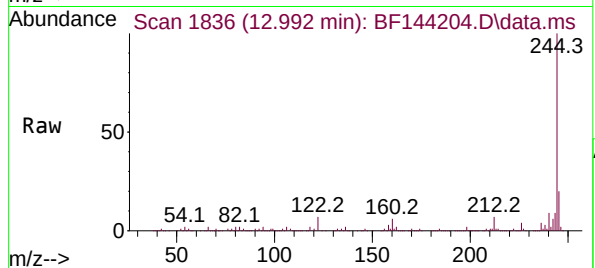
Acq: 11 Nov 2025 15:38

Instrument :

BNA_F

ClientSampleId :

SW-3



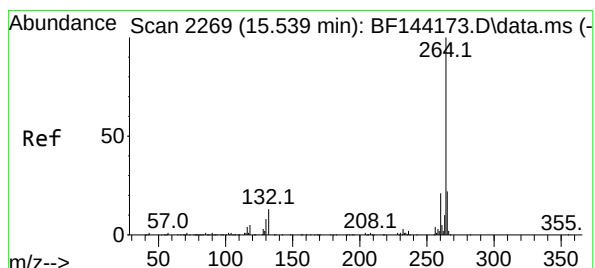
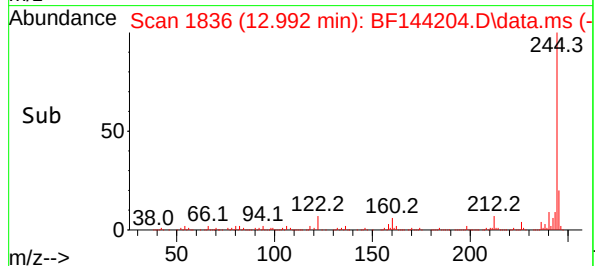
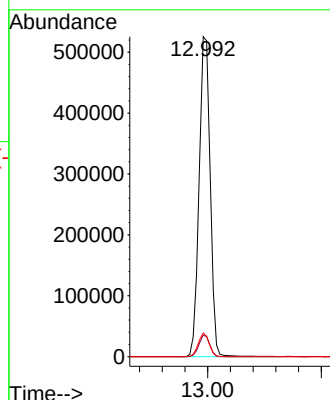
Tgt Ion:244 Resp: 708798

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 7.4 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF144204.D

Acq: 11 Nov 2025 15:38

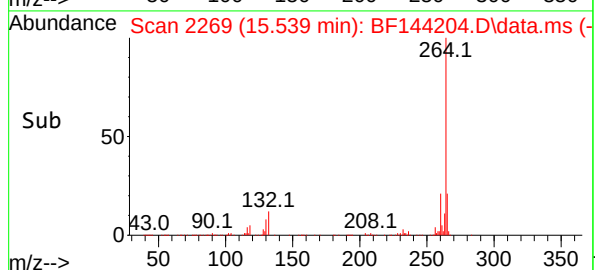
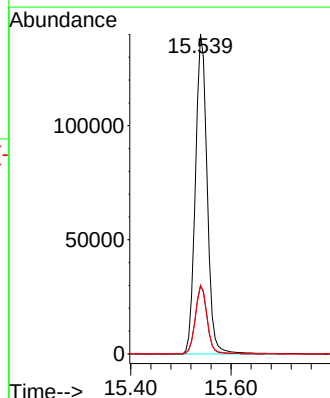
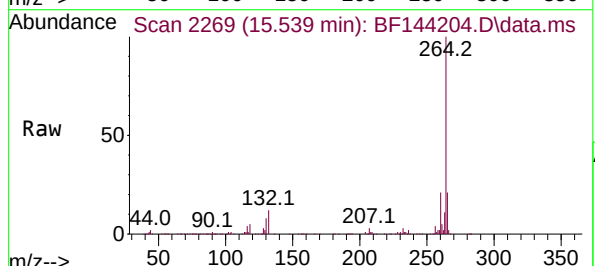
Tgt Ion:264 Resp: 227605

Ion Ratio Lower Upper

264 100

260 21.4 17.1 25.7

265 21.2 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144204.D
 Acq On : 11 Nov 2025 15:38
 Operator : RC/JU
 Sample : Q3584-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-3

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144204.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.493	556	561	573	rBV	607908	835868	49.03%	8.990%
2	6.498	727	732	757	rBV	473187	652796	38.29%	7.021%
3	6.875	791	796	808	rVB	252942	322581	18.92%	3.469%
4	7.434	885	891	904	rBV	707073	925240	54.27%	9.951%
5	8.157	1009	1014	1029	rBV	297592	389086	22.82%	4.185%
6	9.233	1191	1197	1207	rBV	1237130	1601042	93.91%	17.220%
7	9.916	1307	1313	1326	rVB	311651	412897	24.22%	4.441%
8	10.328	1379	1383	1388	rVB	20042	23695	1.39%	0.255%
9	10.628	1429	1434	1442	rBV	30223	39252	2.30%	0.422%
10	10.704	1442	1447	1459	rBV	762623	987022	57.90%	10.616%
11	11.404	1561	1566	1573	rBV	300610	384033	22.53%	4.130%
12	11.927	1651	1655	1666	rBV7	10502	21127	1.24%	0.227%
13	12.992	1831	1836	1842	rBV	1283612	1704834	100.00%	18.336%
14	14.057	2009	2017	2024	rBV	340780	465218	27.29%	5.004%
15	15.539	2263	2269	2283	rBV	330139	533138	31.27%	5.734%

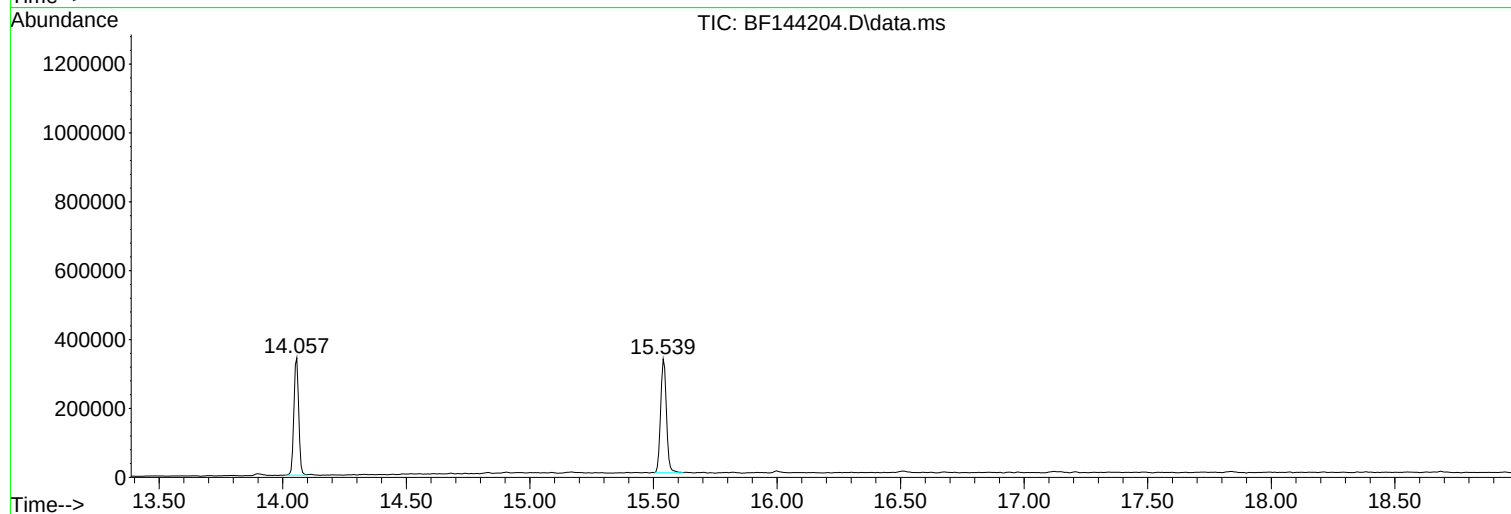
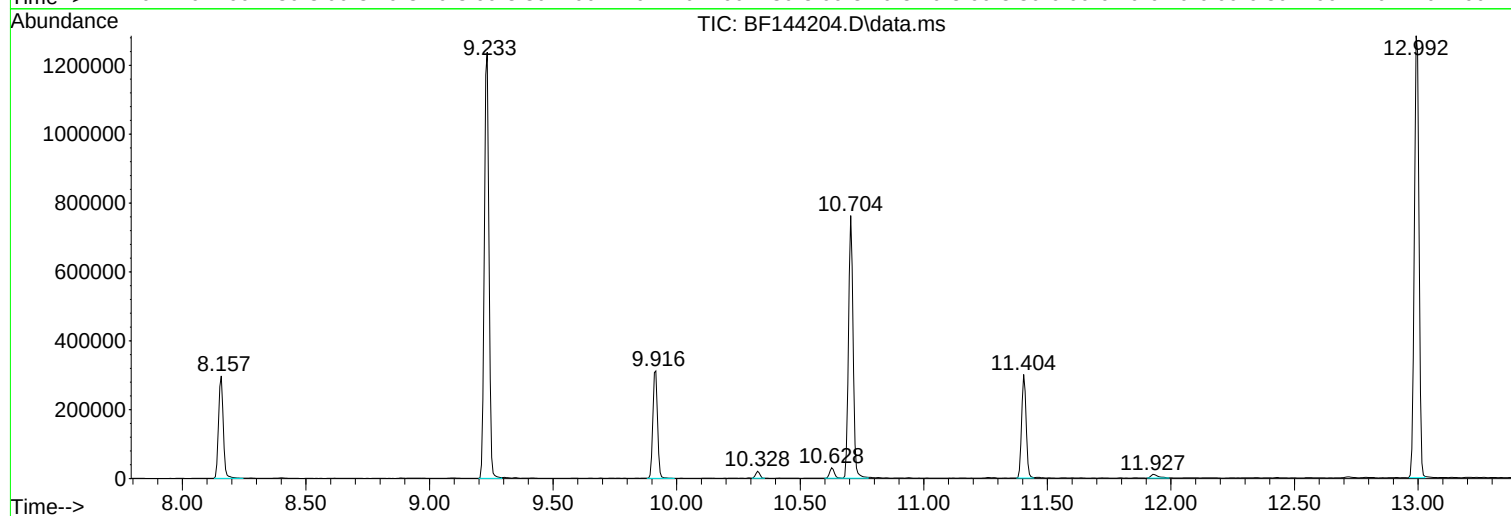
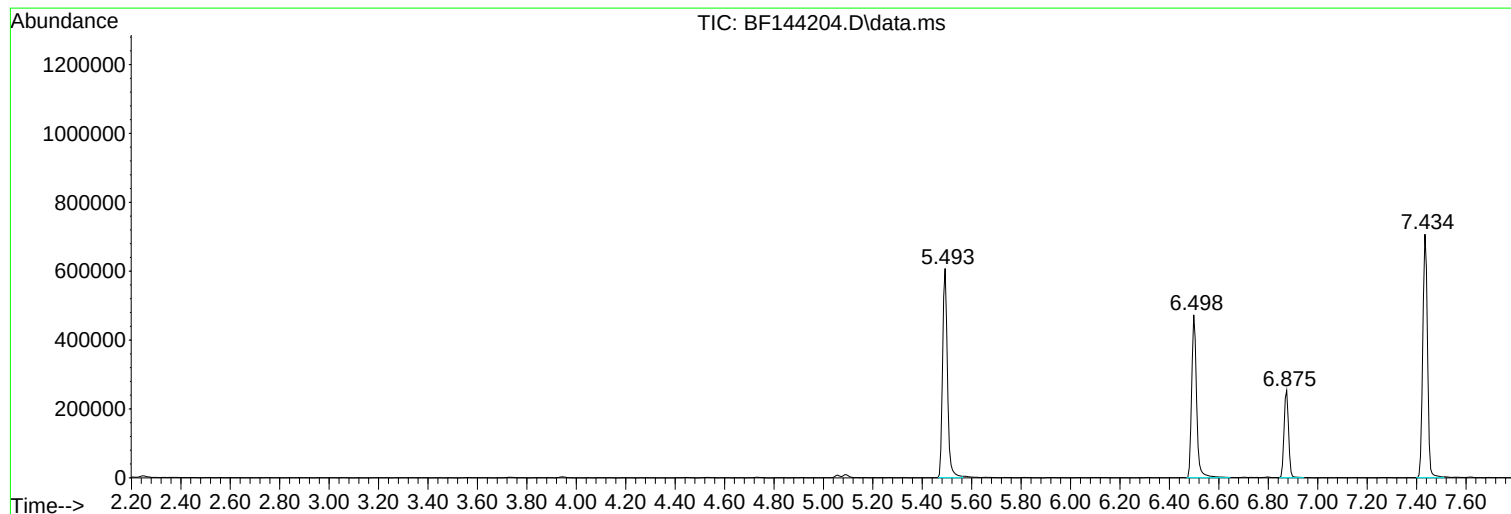
Sum of corrected areas: 9297829

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144204.D
Acq On : 11 Nov 2025 15:38
Operator : RC/JU
Sample : Q3584-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144204.D
Acq On : 11 Nov 2025 15:38
Operator : RC/JU
Sample : Q3584-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144204.D
Acq On : 11 Nov 2025 15:38
Operator : RC/JU
Sample : Q3584-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/06/25	
Project: Edison Landfill	Date Received: 11/07/25	
Client Sample ID: EB-2	SDG No.: Q3584	
Lab Sample ID: Q3584-04	Matrix: Water	
Analytical Method: 8270E	% Solid: 0	
Sample Wt/Vol: 970 mL	Test: SVOC-TCL BNA -20	
Prep Method : 3510C		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4.00	U	1	4.00	10.3	ug/L	11/11/25 16:07	PB170473
108-95-2	Phenol	0.94	U	1	0.94	5.20	ug/L	11/11/25 16:07	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.84	U	1	0.84	5.20	ug/L	11/11/25 16:07	PB170473
95-57-8	2-Chlorophenol	0.60	U	1	0.60	5.20	ug/L	11/11/25 16:07	PB170473
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.20	ug/L	11/11/25 16:07	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.20	ug/L	11/11/25 16:07	PB170473
98-86-2	Acetophenone	0.76	U	1	0.76	5.20	ug/L	11/11/25 16:07	PB170473
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.3	ug/L	11/11/25 16:07	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.60	ug/L	11/11/25 16:07	PB170473
67-72-1	Hexachloroethane	0.67	U	1	0.67	5.20	ug/L	11/11/25 16:07	PB170473
98-95-3	Nitrobenzene	0.78	U	1	0.78	5.20	ug/L	11/11/25 16:07	PB170473
78-59-1	Isophorone	0.77	U	1	0.77	5.20	ug/L	11/11/25 16:07	PB170473
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.20	ug/L	11/11/25 16:07	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.20	ug/L	11/11/25 16:07	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.70	U	1	0.70	5.20	ug/L	11/11/25 16:07	PB170473
120-83-2	2,4-Dichlorophenol	0.54	U	1	0.54	5.20	ug/L	11/11/25 16:07	PB170473
91-20-3	Naphthalene	0.52	U	1	0.52	5.20	ug/L	11/11/25 16:07	PB170473
106-47-8	4-Chloroaniline	0.87	UQ	1	0.87	5.20	ug/L	11/11/25 16:07	PB170473
87-68-3	Hexachlorobutadiene	0.56	U	1	0.56	5.20	ug/L	11/11/25 16:07	PB170473
105-60-2	Caprolactam	1.20	U	1	1.20	10.3	ug/L	11/11/25 16:07	PB170473
59-50-7	4-Chloro-3-methylphenol	0.61	U	1	0.61	5.20	ug/L	11/11/25 16:07	PB170473
91-57-6	2-Methylnaphthalene	0.58	U	1	0.58	5.20	ug/L	11/11/25 16:07	PB170473
77-47-4	Hexachlorocyclopentadiene	3.70	U	1	3.70	10.3	ug/L	11/11/25 16:07	PB170473
88-06-2	2,4,6-Trichlorophenol	0.53	U	1	0.53	5.20	ug/L	11/11/25 16:07	PB170473
95-95-4	2,4,5-Trichlorophenol	0.64	U	1	0.64	5.20	ug/L	11/11/25 16:07	PB170473
92-52-4	1,1-Biphenyl	0.55	U	1	0.55	5.20	ug/L	11/11/25 16:07	PB170473
91-58-7	2-Chloronaphthalene	0.63	U	1	0.63	5.20	ug/L	11/11/25 16:07	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.20	ug/L	11/11/25 16:07	PB170473
131-11-3	Dimethylphthalate	0.63	U	1	0.63	5.20	ug/L	11/11/25 16:07	PB170473
208-96-8	Acenaphthylene	0.77	U	1	0.77	5.20	ug/L	11/11/25 16:07	PB170473
606-20-2	2,6-Dinitrotoluene	0.95	U	1	0.95	5.20	ug/L	11/11/25 16:07	PB170473
99-09-2	3-Nitroaniline	1.10	UQ	1	1.10	5.20	ug/L	11/11/25 16:07	PB170473
83-32-9	Acenaphthene	0.57	U	1	0.57	5.20	ug/L	11/11/25 16:07	PB170473
51-28-5	2,4-Dinitrophenol	6.20	U	1	6.20	10.3	ug/L	11/11/25 16:07	PB170473
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.3	ug/L	11/11/25 16:07	PB170473
132-64-9	Dibenzofuran	0.63	U	1	0.63	5.20	ug/L	11/11/25 16:07	PB170473
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.20	ug/L	11/11/25 16:07	PB170473
84-66-2	Diethylphthalate	0.71	U	1	0.71	5.20	ug/L	11/11/25 16:07	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.70	U	1	0.70	5.20	ug/L	11/11/25 16:07	PB170473
86-73-7	Fluorene	0.65	U	1	0.65	5.20	ug/L	11/11/25 16:07	PB170473
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.20	ug/L	11/11/25 16:07	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	1	3.00	10.3	ug/L	11/11/25 16:07	PB170473



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client: Remington & Vernick Engineers

Project: Edison Landfill

Client Sample ID: EB-2

Lab Sample ID: Q3584-04

Analytical Method: 8270E

Level: LOW

Sample Wt/Vol: 970 mL

Final Vol: 1000 uL

Prep Method : 3510C

Prep Date: 11/10/25

Date Collected: 11/06/25

Date Received: 11/07/25

SDG No.: Q3584

Matrix: Water

% Solid: 0

Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.60	U	1	0.60	5.20	ug/L	11/11/25 16:07	PB170473
101-55-3	4-Bromophenyl-phenylether	0.41	U	1	0.41	5.20	ug/L	11/11/25 16:07	PB170473
118-74-1	Hexachlorobenzene	0.54	U	1	0.54	5.20	ug/L	11/11/25 16:07	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.20	ug/L	11/11/25 16:07	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.3	ug/L	11/11/25 16:07	PB170473
85-01-8	Phenanthrene	0.52	U	1	0.52	5.20	ug/L	11/11/25 16:07	PB170473
120-12-7	Anthracene	0.63	U	1	0.63	5.20	ug/L	11/11/25 16:07	PB170473
86-74-8	Carbazole	0.74	U	1	0.74	5.20	ug/L	11/11/25 16:07	PB170473
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.20	ug/L	11/11/25 16:07	PB170473
206-44-0	Fluoranthene	0.85	U	1	0.85	5.20	ug/L	11/11/25 16:07	PB170473
129-00-0	Pyrene	0.52	U	1	0.52	5.20	ug/L	11/11/25 16:07	PB170473
85-68-7	Butylbenzylphthalate	2.00	U	1	2.00	5.20	ug/L	11/11/25 16:07	PB170473
91-94-1	3,3-Dichlorobenzidine	0.96	UQ	1	0.96	10.3	ug/L	11/11/25 16:07	PB170473
56-55-3	Benzo(a)anthracene	0.46	U	1	0.46	5.20	ug/L	11/11/25 16:07	PB170473
218-01-9	Chrysene	0.45	U	1	0.45	5.20	ug/L	11/11/25 16:07	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.20	ug/L	11/11/25 16:07	PB170473
117-84-0	Di-n-octyl phthalate	2.40	U	1	2.40	10.3	ug/L	11/11/25 16:07	PB170473
205-99-2	Benzo(b)fluoranthene	0.51	U	1	0.51	5.20	ug/L	11/11/25 16:07	PB170473
207-08-9	Benzo(k)fluoranthene	0.49	U	1	0.49	5.20	ug/L	11/11/25 16:07	PB170473
50-32-8	Benzo(a)pyrene	0.57	U	1	0.57	5.20	ug/L	11/11/25 16:07	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	1	0.61	5.20	ug/L	11/11/25 16:07	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.69	U	1	0.69	5.20	ug/L	11/11/25 16:07	PB170473
191-24-2	Benzo(g,h,i)perylene	0.71	U	1	0.71	5.20	ug/L	11/11/25 16:07	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.54	U	1	0.54	5.20	ug/L	11/11/25 16:07	PB170473
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.20	ug/L	11/11/25 16:07	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.74	U	1	0.74	5.20	ug/L	11/11/25 16:07	PB170473

SURROGATES

367-12-4	2-Fluorophenol	61.6		15 (10) - 110 (134)	41%	SPK: 150
13127-88-3	Phenol-d6	38.6		15 (10) - 110 (135)	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.8		30 (39) - 130 (138)	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.2		30 (52) - 130 (132)	83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	118		15 (44) - 110 (137)	78%	SPK: 150
1718-51-0	Terphenyl-d14	68.2		30 (42) - 130 (152)	68%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	58300
1146-65-2	Naphthalene-d8	217000
15067-26-2	Acenaphthene-d10	115000
1517-22-2	Phenanthrene-d10	187000
1719-03-5	Chrysene-d12	166000
1520-96-3	Perylene-d12	209000



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	EB-2	SDG No.:	Q3584
Lab Sample ID:	Q3584-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	970 mL		
	Final Vol: 1000 uL		
Prep Method :	3510C		
	Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144205.D
 Acq On : 11 Nov 2025 16:07
 Operator : RC/JU
 Sample : Q3584-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-2

Quant Time: Nov 11 16:27:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	58254	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	216777	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	114918	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	186847	20.000	ng	0.00
76) Chrysene-d12	14.057	240	165680	20.000	ng	0.00
86) Perylene-d12	15.539	264	209451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	229143	61.555	ng	0.00
7) Phenol-d6	6.498	99	162660	38.563	ng	0.00
23) Nitrobenzene-d5	7.434	82	325762	86.791	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	169687	117.668	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	647178	83.176	ng	0.00
79) Terphenyl-d14	12.992	244	710957	68.161	ng	0.00

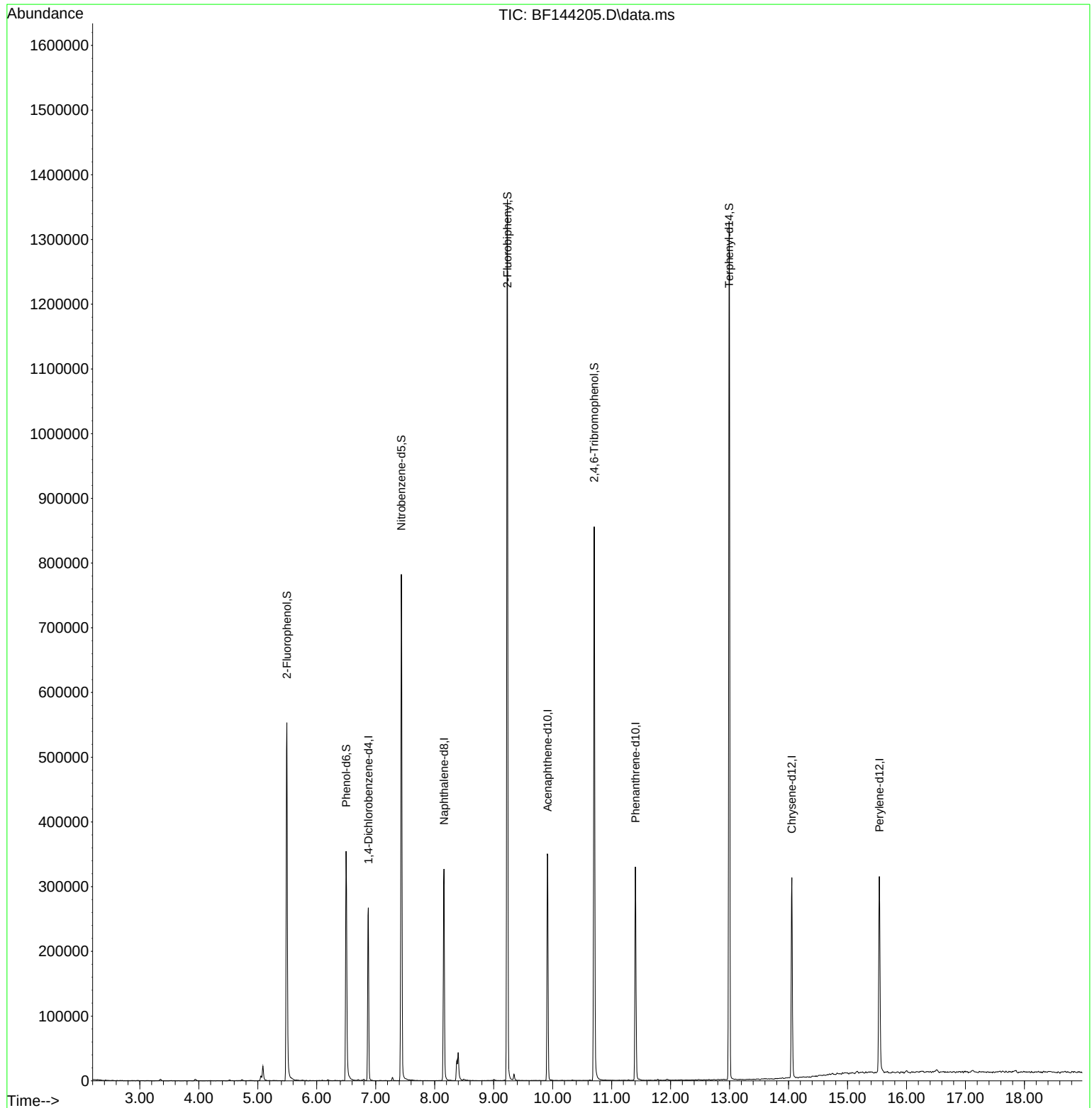
Target Compounds	Qvalue

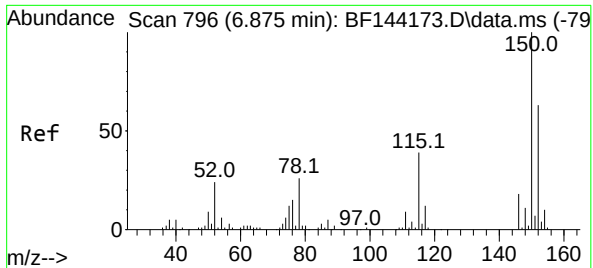
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144205.D
Acq On : 11 Nov 2025 16:07
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-2

Quant Time: Nov 11 16:27:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

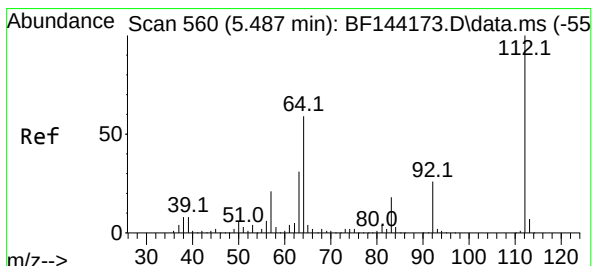
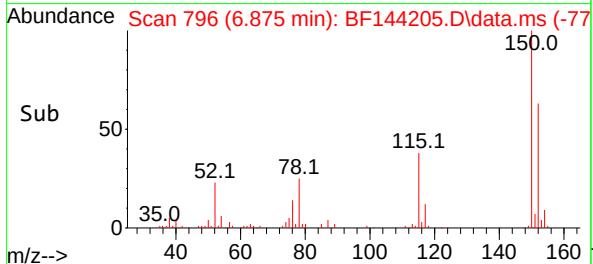
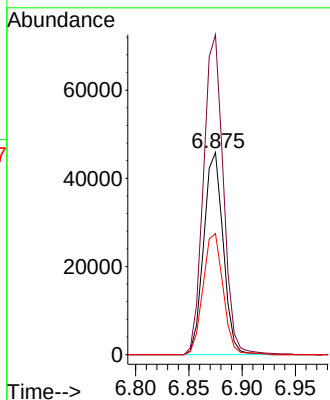
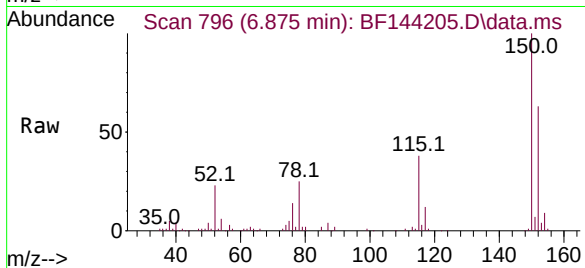




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

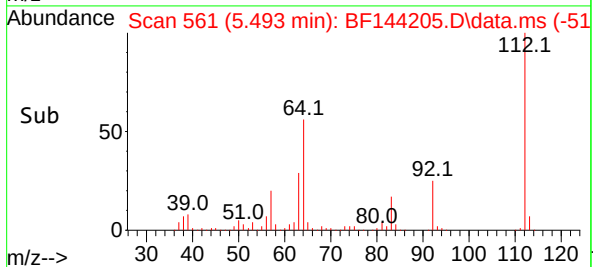
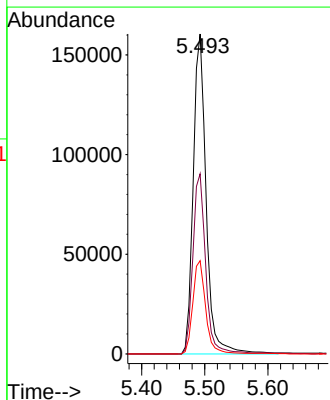
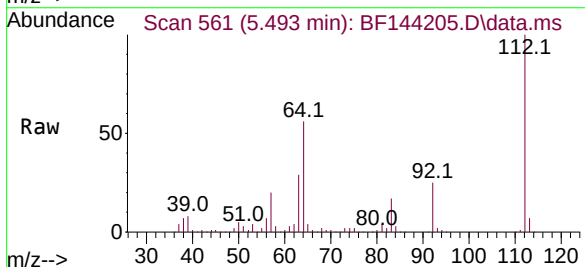
Instrument :
BNA_F
ClientSampleId :
EB-2

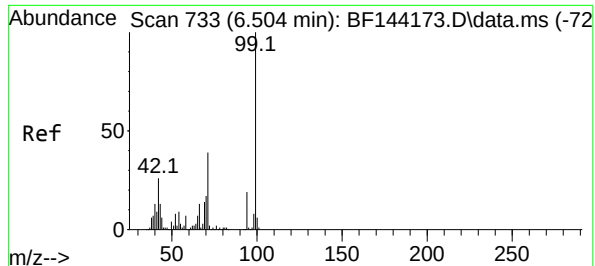
Tgt Ion:152 Resp: 58254
Ion Ratio Lower Upper
152 100
150 158.3 127.4 191.0
115 59.9 49.5 74.3



#5
2-Fluorophenol
Concen: 61.555 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Tgt Ion:112 Resp: 229143
Ion Ratio Lower Upper
112 100
64 56.3 47.2 70.8
63 29.1 24.4 36.6





#7

Phenol-d6

Concen: 38.563 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.000 min

Lab File: BF144205.D

Acq: 11 Nov 2025 16:07

Instrument :

BNA_F

ClientSampleId :

EB-2

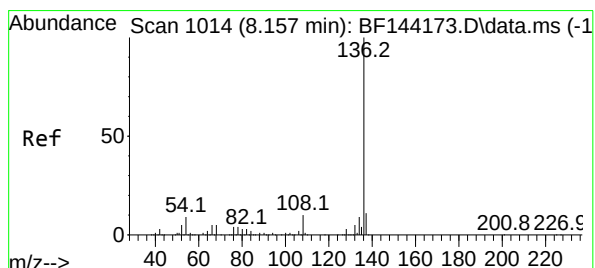
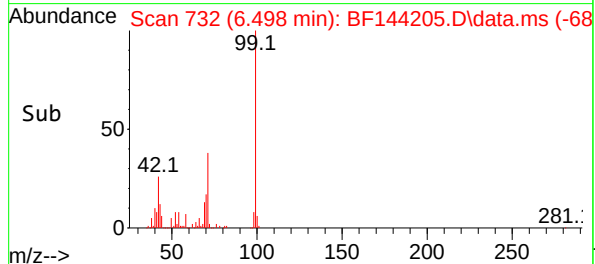
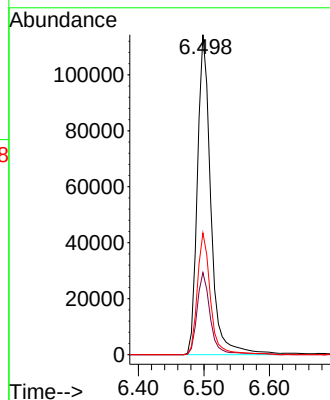
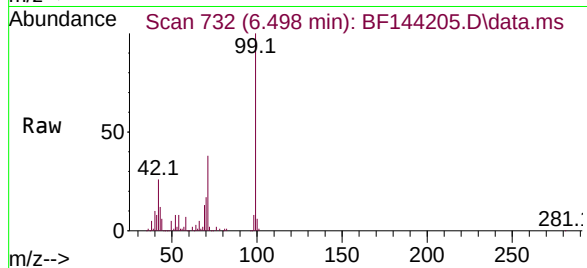
Tgt Ion: 99 Resp: 162660

Ion Ratio Lower Upper

99 100

42 25.6 20.9 31.3

71 38.0 31.4 47.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BF144205.D

Acq: 11 Nov 2025 16:07

Tgt Ion: 136 Resp: 216777

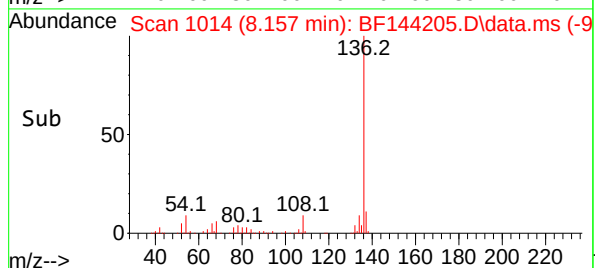
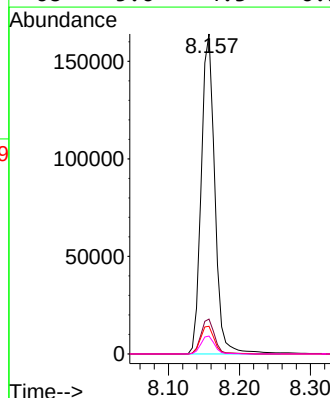
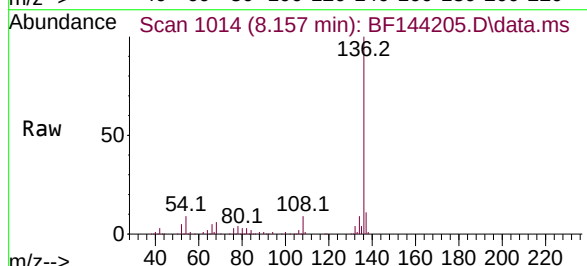
Ion Ratio Lower Upper

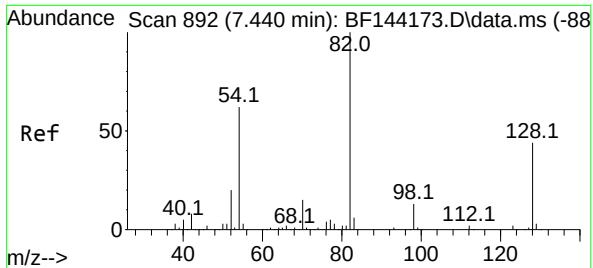
136 100

137 10.9 8.6 13.0

54 8.6 7.0 10.6

68 5.6 4.3 6.5





#23

Nitrobenzene-d5

Concen: 86.791 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144205.D

Acq: 11 Nov 2025 16:07

Instrument :

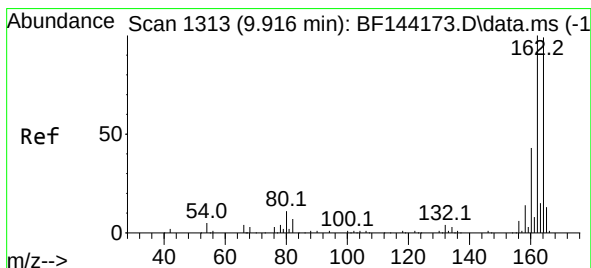
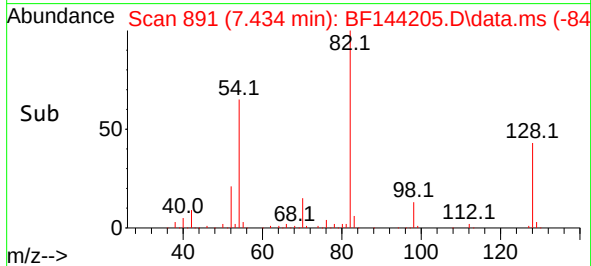
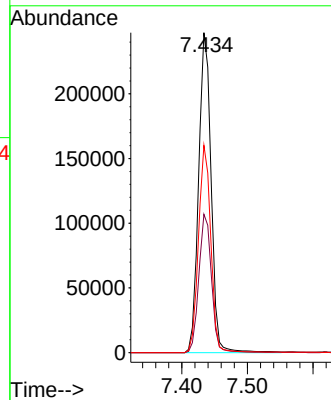
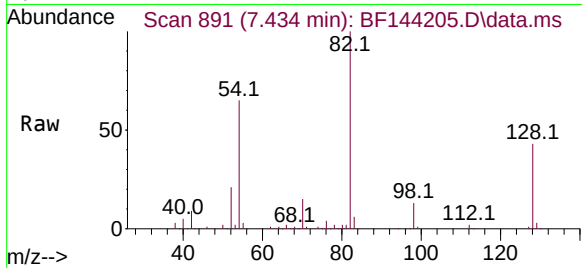
BNA_F

ClientSampleId :

EB-2

Tgt Ion: 82 Resp: 325762

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.7	52.1
54	64.8	49.5	74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

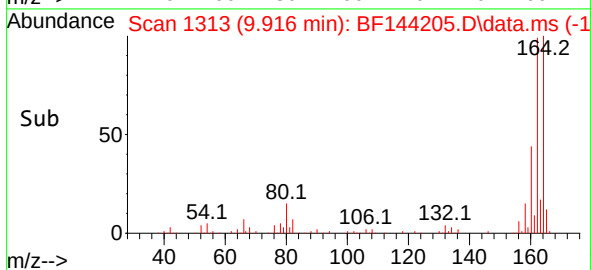
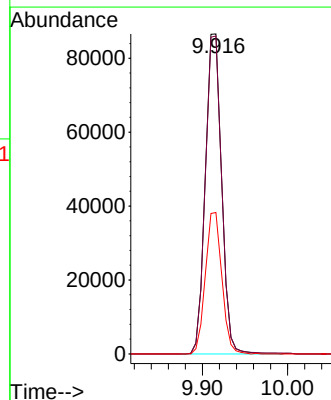
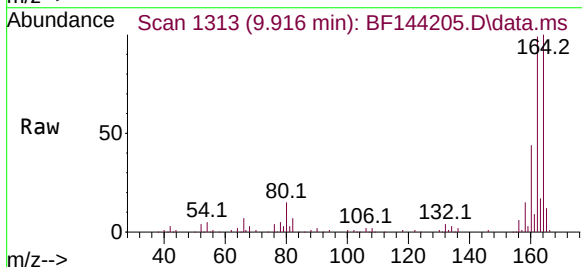
Delta R.T. -0.000 min

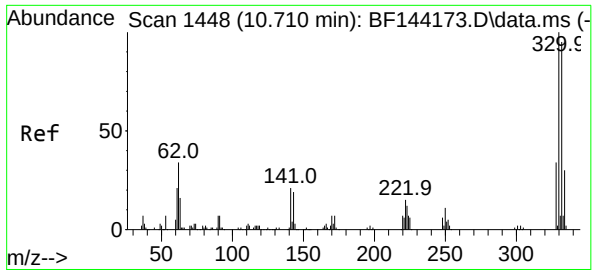
Lab File: BF144205.D

Acq: 11 Nov 2025 16:07

Tgt Ion:164 Resp: 114918

Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.1	121.7
160	44.2	34.5	51.7

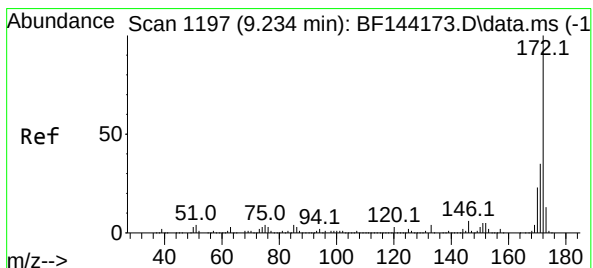
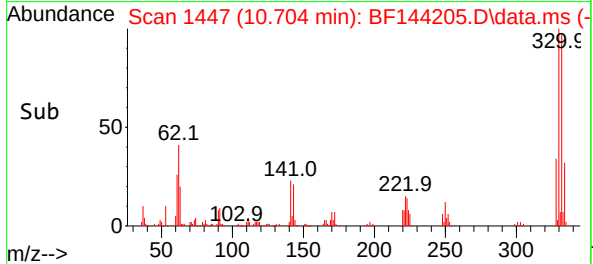
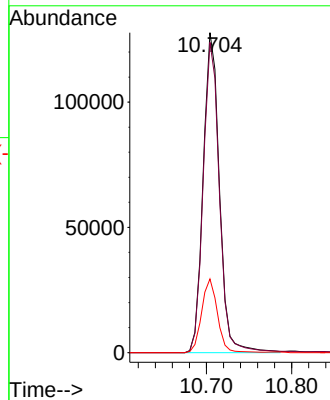
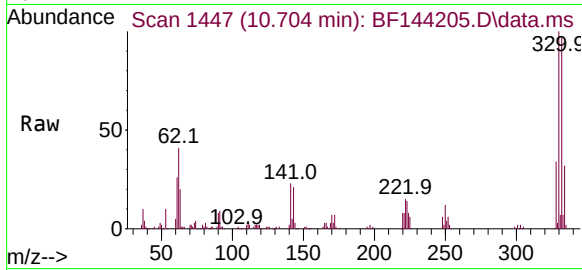




#42
2,4,6-Tribromophenol
Concen: 117.668 ng
RT: 10.704 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

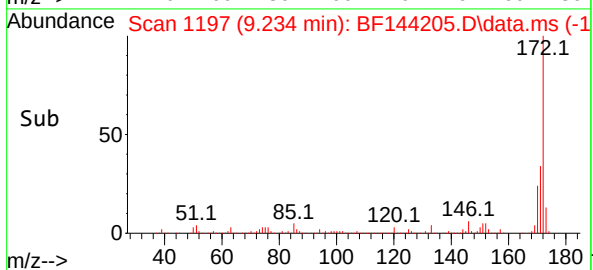
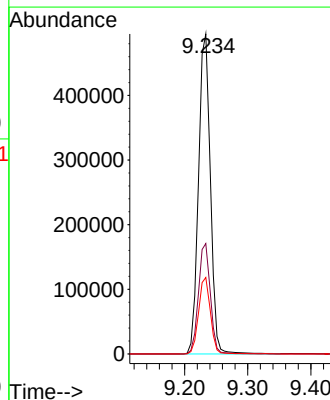
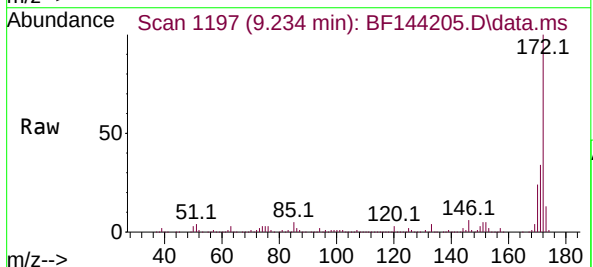
Instrument :
BNA_F
ClientSampleId :
EB-2

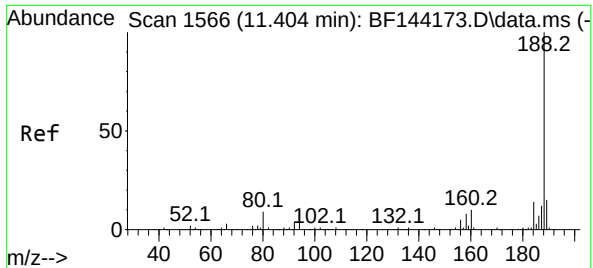
Tgt Ion	330	Resp	169687
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.7	115.1
141	22.3	17.8	26.8



#45
2-Fluorobiphenyl
Concen: 83.176 ng
RT: 9.234 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144205.D
Acq: 11 Nov 2025 16:07

Tgt Ion	172	Resp	647178
Ion Ratio	Lower	Upper	
172	100		
171	34.5	28.1	42.1
170	23.9	18.6	28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1566

Delta R.T. -0.000 min

Lab File: BF144205.D

Acq: 11 Nov 2025 16:07

Instrument :

BNA_F

ClientSampleId :

EB-2

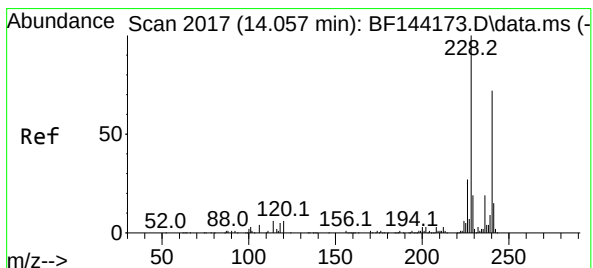
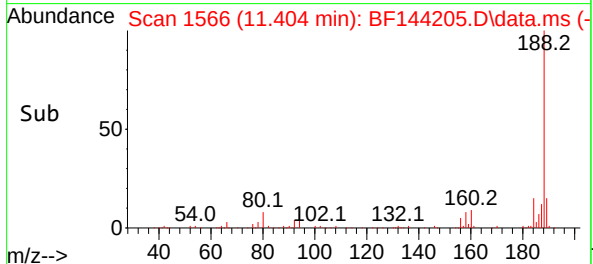
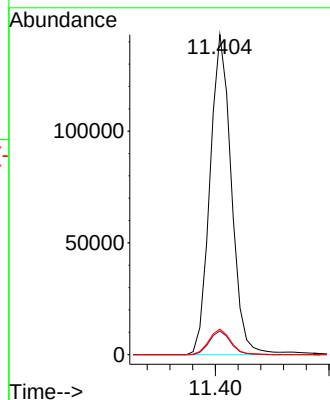
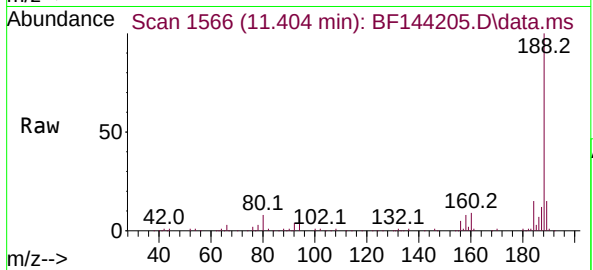
Tgt Ion:188 Resp: 186847

Ion Ratio Lower Upper

188 100

94 7.4 6.2 9.2

80 8.0 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 1717

Delta R.T. 0.006 min

Lab File: BF144205.D

Acq: 11 Nov 2025 16:07

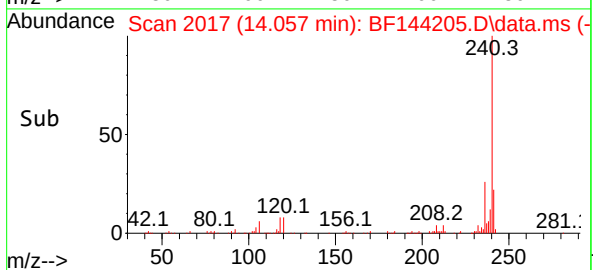
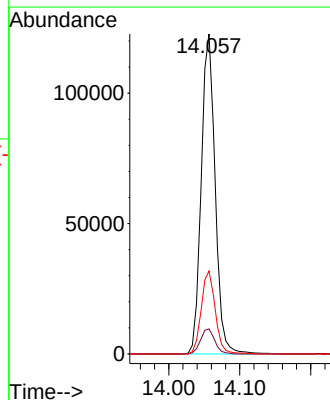
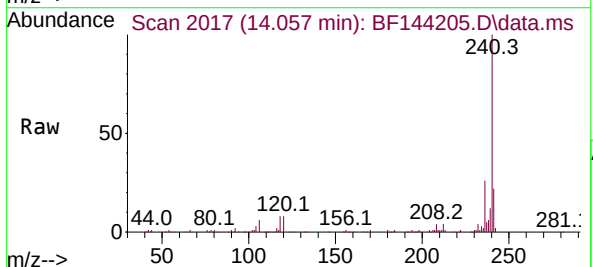
Tgt Ion:240 Resp: 165680

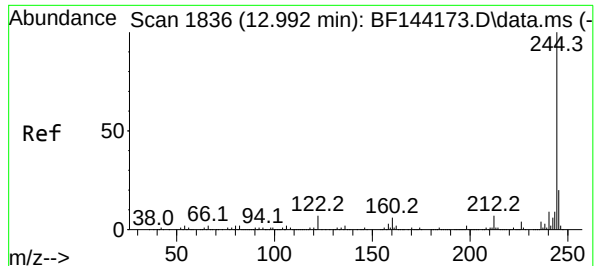
Ion Ratio Lower Upper

240 100

120 7.8 6.6 10.0

236 25.9 21.4 32.2





#79

Terphenyl-d14

Concen: 68.161 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BF144205.D

Acq: 11 Nov 2025 16:07

Instrument :

BNA_F

ClientSampleId :

EB-2

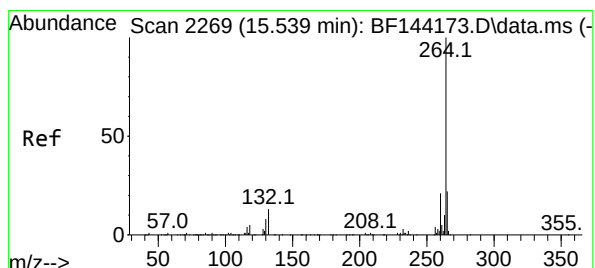
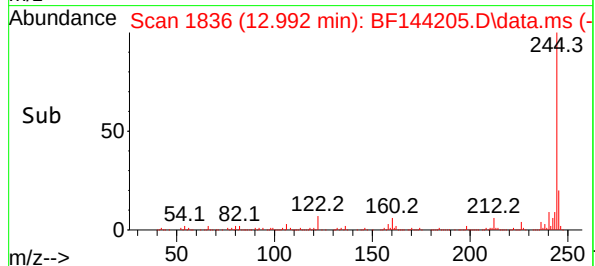
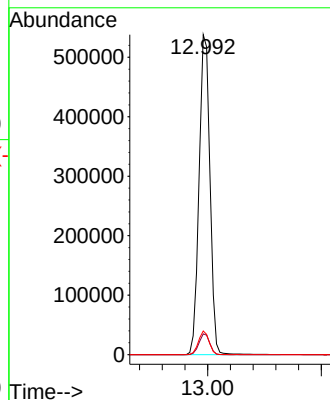
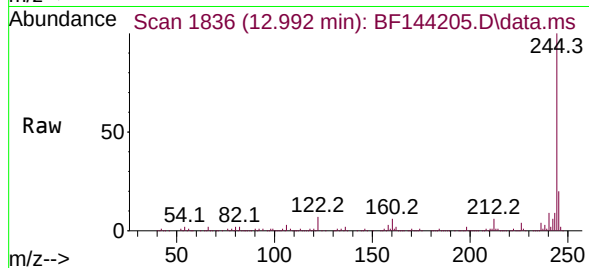
Tgt Ion:244 Resp: 710957

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 7.4 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF144205.D

Acq: 11 Nov 2025 16:07

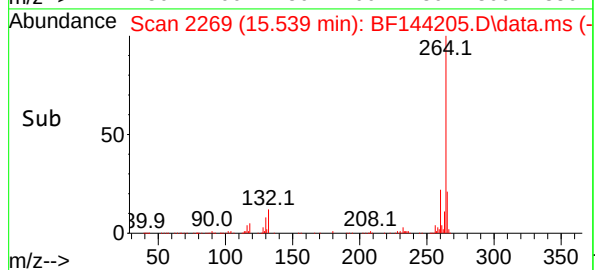
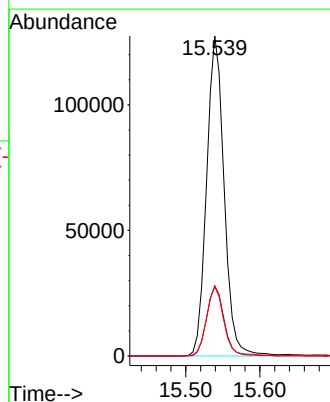
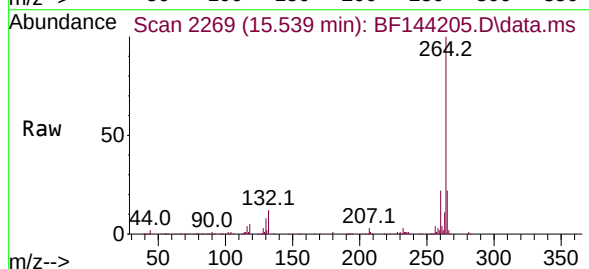
Tgt Ion:264 Resp: 209451

Ion Ratio Lower Upper

264 100

260 21.9 17.1 25.7

265 21.6 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144205.D
Acq On : 11 Nov 2025 16:07
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-2

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144205.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	489	492	499	rVB	21388	30036	1.69%	0.312%
2	5.493	555	561	573	rBV	553380	780840	43.90%	8.117%
3	6.498	727	732	756	rBV	354493	499462	28.08%	5.192%
4	6.875	791	796	805	rBV	267037	343079	19.29%	3.567%
5	7.434	886	891	908	rBV	782366	1028598	57.83%	10.693%
6	8.157	1009	1014	1028	rVB	326495	424443	23.86%	4.412%
7	8.375	1046	1051	1052	rBV	30646	36125	2.03%	0.376%
8	8.398	1052	1055	1065	rVB	42717	65035	3.66%	0.676%
9	9.234	1191	1197	1211	rBV	1361214	1778747	100.00%	18.491%
10	9.910	1307	1312	1321	rBV	350289	461696	25.96%	4.800%
11	10.704	1442	1447	1462	rBV	855720	1116585	62.77%	11.608%
12	11.404	1561	1566	1575	rBV	329625	427017	24.01%	4.439%
13	12.992	1831	1836	1842	rBV	1326052	1719811	96.69%	17.878%
14	14.057	2011	2017	2028	rBV	309247	413604	23.25%	4.300%
15	15.539	2263	2269	2283	rVB	303391	494375	27.79%	5.139%

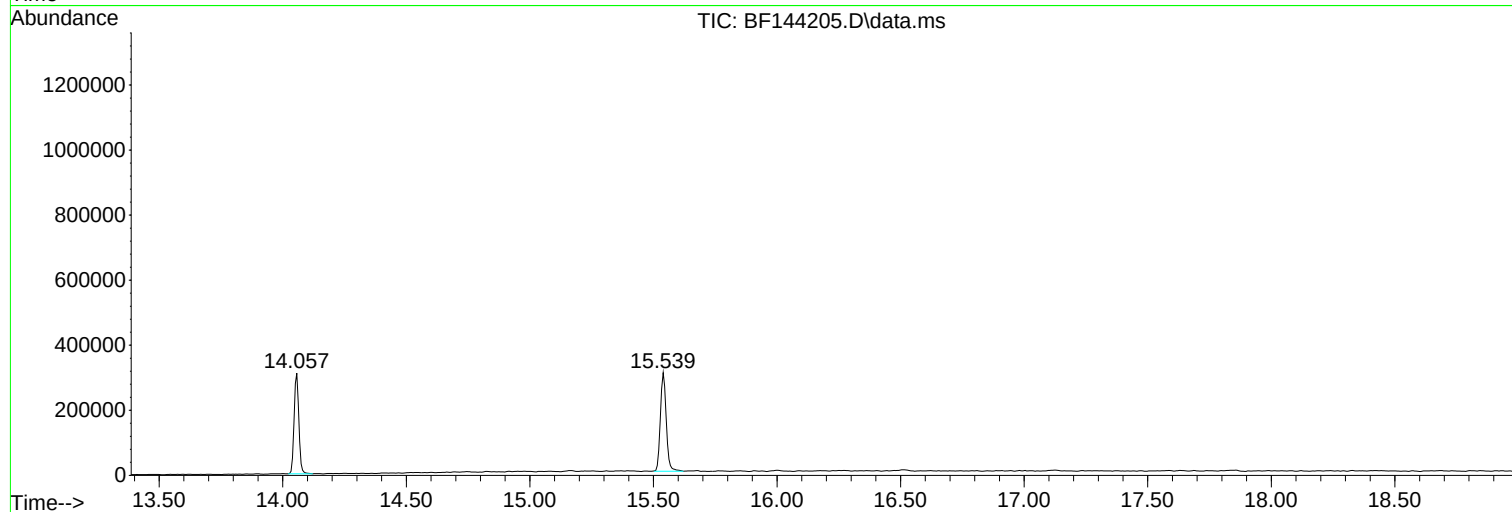
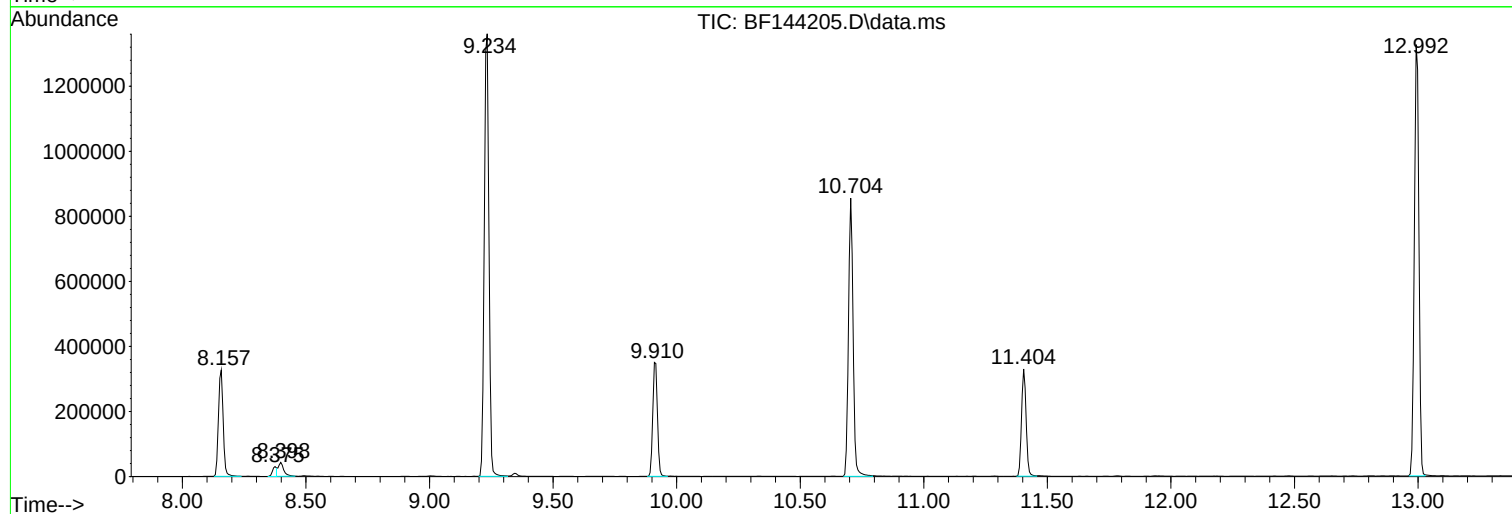
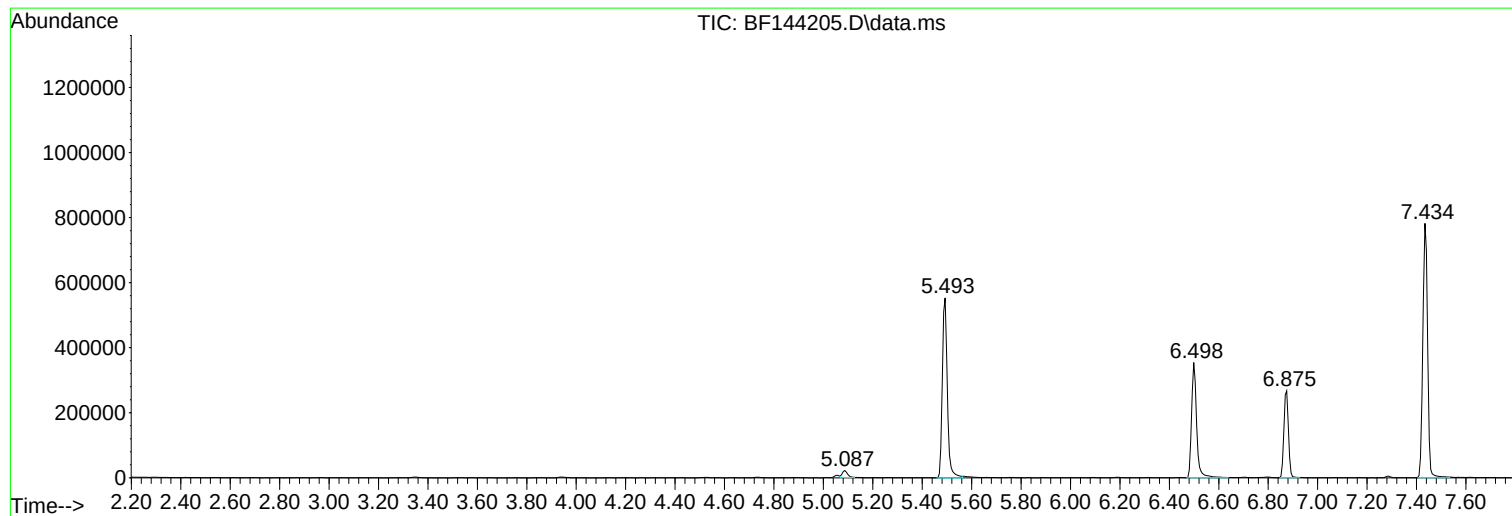
Sum of corrected areas: 9619453

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144205.D
Acq On : 11 Nov 2025 16:07
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144205.D
Acq On : 11 Nov 2025 16:07
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144205.D
Acq On : 11 Nov 2025 16:07
Operator : RC/JU
Sample : Q3584-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/07/25	
Project: Edison Landfill	Date Received: 11/07/25	
Client Sample ID: FB-2	SDG No.: Q3584	
Lab Sample ID: Q3584-05	Matrix: Water	
Analytical Method: 8270E	% Solid: 0	
Sample Wt/Vol: 700 mL	Test: SVOC-TCL BNA -20	
Prep Method : 3510C		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	5.60	U	1	5.60	14.3	ug/L	11/11/25 14:39	PB170473
108-95-2	Phenol	1.30	U	1	1.30	7.10	ug/L	11/11/25 14:39	PB170473
111-44-4	bis(2-Chloroethyl)ether	1.20	U	1	1.20	7.10	ug/L	11/11/25 14:39	PB170473
95-57-8	2-Chlorophenol	0.83	U	1	0.83	7.10	ug/L	11/11/25 14:39	PB170473
95-48-7	2-Methylphenol	1.60	U	1	1.60	7.10	ug/L	11/11/25 14:39	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.80	U	1	1.80	7.10	ug/L	11/11/25 14:39	PB170473
98-86-2	Acetophenone	1.10	U	1	1.10	7.10	ug/L	11/11/25 14:39	PB170473
65794-96-9	3+4-Methylphenols	1.60	U	1	1.60	14.3	ug/L	11/11/25 14:39	PB170473
621-64-7	n-Nitroso-di-n-propylamine	2.00	U	1	2.00	3.60	ug/L	11/11/25 14:39	PB170473
67-72-1	Hexachloroethane	0.93	U	1	0.93	7.10	ug/L	11/11/25 14:39	PB170473
98-95-3	Nitrobenzene	1.10	U	1	1.10	7.10	ug/L	11/11/25 14:39	PB170473
78-59-1	Isophorone	1.10	U	1	1.10	7.10	ug/L	11/11/25 14:39	PB170473
88-75-5	2-Nitrophenol	2.50	U	1	2.50	7.10	ug/L	11/11/25 14:39	PB170473
105-67-9	2,4-Dimethylphenol	2.60	U	1	2.60	7.10	ug/L	11/11/25 14:39	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.97	U	1	0.97	7.10	ug/L	11/11/25 14:39	PB170473
120-83-2	2,4-Dichlorophenol	0.74	U	1	0.74	7.10	ug/L	11/11/25 14:39	PB170473
91-20-3	Naphthalene	0.71	U	1	0.71	7.10	ug/L	11/11/25 14:39	PB170473
106-47-8	4-Chloroaniline	1.20	UQ	1	1.20	7.10	ug/L	11/11/25 14:39	PB170473
87-68-3	Hexachlorobutadiene	0.77	U	1	0.77	7.10	ug/L	11/11/25 14:39	PB170473
105-60-2	Caprolactam	1.60	U	1	1.60	14.3	ug/L	11/11/25 14:39	PB170473
59-50-7	4-Chloro-3-methylphenol	0.84	U	1	0.84	7.10	ug/L	11/11/25 14:39	PB170473
91-57-6	2-Methylnaphthalene	0.80	U	1	0.80	7.10	ug/L	11/11/25 14:39	PB170473
77-47-4	Hexachlorocyclopentadiene	5.20	U	1	5.20	14.3	ug/L	11/11/25 14:39	PB170473
88-06-2	2,4,6-Trichlorophenol	0.73	U	1	0.73	7.10	ug/L	11/11/25 14:39	PB170473
95-95-4	2,4,5-Trichlorophenol	0.89	U	1	0.89	7.10	ug/L	11/11/25 14:39	PB170473
92-52-4	1,1-Biphenyl	0.76	U	1	0.76	7.10	ug/L	11/11/25 14:39	PB170473
91-58-7	2-Chloronaphthalene	0.87	U	1	0.87	7.10	ug/L	11/11/25 14:39	PB170473
88-74-4	2-Nitroaniline	1.80	U	1	1.80	7.10	ug/L	11/11/25 14:39	PB170473
131-11-3	Dimethylphthalate	0.87	U	1	0.87	7.10	ug/L	11/11/25 14:39	PB170473
208-96-8	Acenaphthylene	1.10	U	1	1.10	7.10	ug/L	11/11/25 14:39	PB170473
606-20-2	2,6-Dinitrotoluene	1.30	U	1	1.30	7.10	ug/L	11/11/25 14:39	PB170473
99-09-2	3-Nitroaniline	1.50	UQ	1	1.50	7.10	ug/L	11/11/25 14:39	PB170473
83-32-9	Acenaphthene	0.79	U	1	0.79	7.10	ug/L	11/11/25 14:39	PB170473
51-28-5	2,4-Dinitrophenol	8.50	U	1	8.50	14.3	ug/L	11/11/25 14:39	PB170473
100-02-7	4-Nitrophenol	3.40	U	1	3.40	14.3	ug/L	11/11/25 14:39	PB170473
132-64-9	Dibenzofuran	0.87	U	1	0.87	7.10	ug/L	11/11/25 14:39	PB170473
121-14-2	2,4-Dinitrotoluene	1.70	U	1	1.70	7.10	ug/L	11/11/25 14:39	PB170473
84-66-2	Diethylphthalate	0.99	U	1	0.99	7.10	ug/L	11/11/25 14:39	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.97	U	1	0.97	7.10	ug/L	11/11/25 14:39	PB170473
86-73-7	Fluorene	0.90	U	1	0.90	7.10	ug/L	11/11/25 14:39	PB170473
100-01-6	4-Nitroaniline	2.10	U	1	2.10	7.10	ug/L	11/11/25 14:39	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	4.10	U	1	4.10	14.3	ug/L	11/11/25 14:39	PB170473

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected: 11/07/25	
Project: Edison Landfill	Date Received: 11/07/25	
Client Sample ID: FB-2	SDG No.: Q3584	
Lab Sample ID: Q3584-05	Matrix: Water	
Analytical Method: 8270E	% Solid: 0	
Sample Wt/Vol: 700 mL	Test: SVOC-TCL BNA -20	
Prep Method : 3510C		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.83	U	1	0.83	7.10	ug/L	11/11/25 14:39	PB170473
101-55-3	4-Bromophenyl-phenylether	0.57	U	1	0.57	7.10	ug/L	11/11/25 14:39	PB170473
118-74-1	Hexachlorobenzene	0.74	U	1	0.74	7.10	ug/L	11/11/25 14:39	PB170473
1912-24-9	Atrazine	1.40	U	1	1.40	7.10	ug/L	11/11/25 14:39	PB170473
87-86-5	Pentachlorophenol	2.30	U	1	2.30	14.3	ug/L	11/11/25 14:39	PB170473
85-01-8	Phenanthrene	0.71	U	1	0.71	7.10	ug/L	11/11/25 14:39	PB170473
120-12-7	Anthracene	0.87	U	1	0.87	7.10	ug/L	11/11/25 14:39	PB170473
86-74-8	Carbazole	1.00	U	1	1.00	7.10	ug/L	11/11/25 14:39	PB170473
84-74-2	Di-n-butylphthalate	1.70	U	1	1.70	7.10	ug/L	11/11/25 14:39	PB170473
206-44-0	Fluoranthene	1.20	U	1	1.20	7.10	ug/L	11/11/25 14:39	PB170473
129-00-0	Pyrene	0.71	U	1	0.71	7.10	ug/L	11/11/25 14:39	PB170473
85-68-7	Butylbenzylphthalate	2.80	U	1	2.80	7.10	ug/L	11/11/25 14:39	PB170473
91-94-1	3,3-Dichlorobenzidine	1.30	UQ	1	1.30	14.3	ug/L	11/11/25 14:39	PB170473
56-55-3	Benzo(a)anthracene	0.64	U	1	0.64	7.10	ug/L	11/11/25 14:39	PB170473
218-01-9	Chrysene	0.63	U	1	0.63	7.10	ug/L	11/11/25 14:39	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	2.30	U	1	2.30	7.10	ug/L	11/11/25 14:39	PB170473
117-84-0	Di-n-octyl phthalate	3.30	U	1	3.30	14.3	ug/L	11/11/25 14:39	PB170473
205-99-2	Benzo(b)fluoranthene	0.70	U	1	0.70	7.10	ug/L	11/11/25 14:39	PB170473
207-08-9	Benzo(k)fluoranthene	0.69	U	1	0.69	7.10	ug/L	11/11/25 14:39	PB170473
50-32-8	Benzo(a)pyrene	0.79	U	1	0.79	7.10	ug/L	11/11/25 14:39	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.84	U	1	0.84	7.10	ug/L	11/11/25 14:39	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.96	U	1	0.96	7.10	ug/L	11/11/25 14:39	PB170473
191-24-2	Benzo(g,h,i)perylene	0.99	U	1	0.99	7.10	ug/L	11/11/25 14:39	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.74	U	1	0.74	7.10	ug/L	11/11/25 14:39	PB170473
123-91-1	1,4-Dioxane	1.40	U	1	1.40	7.10	ug/L	11/11/25 14:39	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	1.00	U	1	1.00	7.10	ug/L	11/11/25 14:39	PB170473

SURROGATES

367-12-4	2-Fluorophenol	74.1		15 (10) - 110 (134)	49%	SPK: 150
13127-88-3	Phenol-d6	50.5		15 (10) - 110 (135)	34%	SPK: 150
4165-60-0	Nitrobenzene-d5	89.5		30 (39) - 130 (138)	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.1		30 (52) - 130 (132)	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	124		15 (44) - 110 (137)	83%	SPK: 150
1718-51-0	Terphenyl-d14	73.2		30 (42) - 130 (152)	73%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	61800
1146-65-2	Naphthalene-d8	240000
15067-26-2	Acenaphthene-d10	129000
1517-22-2	Phenanthrene-d10	213000
1719-03-5	Chrysene-d12	169000
1520-96-3	Perylene-d12	215000



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/07/25
Project:	Edison Landfill		Date Received:	11/07/25
Client Sample ID:	FB-2		SDG No.:	Q3584
Lab Sample ID:	Q3584-05		Matrix:	Water
Analytical Method:	8270E	Level: LOW	% Solid:	0
Sample Wt/Vol:	700 mL	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144202.D
Acq On : 11 Nov 2025 14:39
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-2

Quant Time: Nov 11 14:59:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	61823	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	239622	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	129099	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	212852	20.000	ng	0.00
76) Chrysene-d12	14.057	240	168567	20.000	ng	0.00
86) Perylene-d12	15.539	264	214547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	292737	74.098	ng	0.00
7) Phenol-d6	6.498	99	225988	50.484	ng	0.00
23) Nitrobenzene-d5	7.433	82	371283	89.489	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	201560	124.416	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	743660	85.077	ng	0.00
79) Terphenyl-d14	12.998	244	776348	73.155	ng	0.00

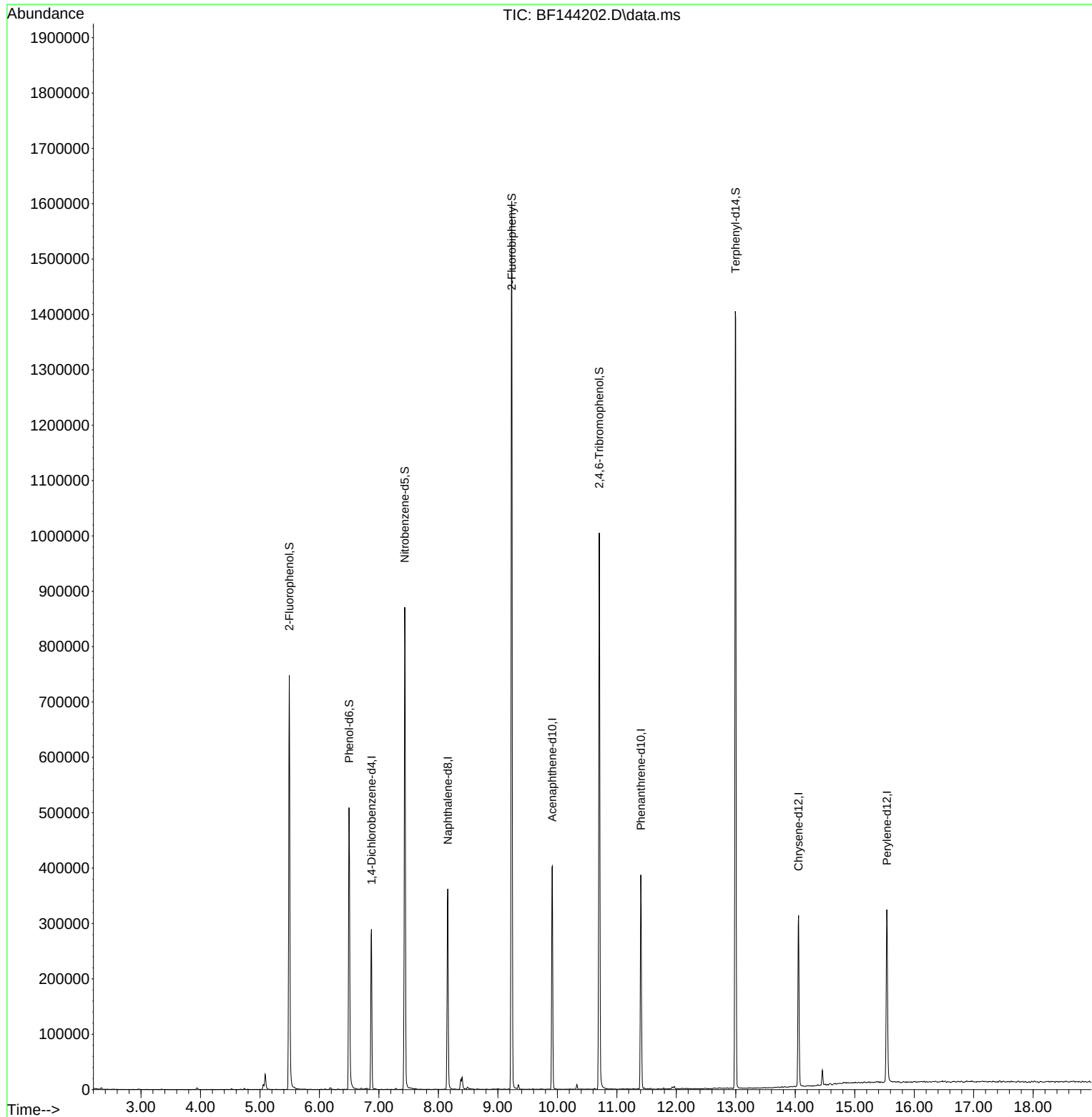
Target Compounds	Qvalue

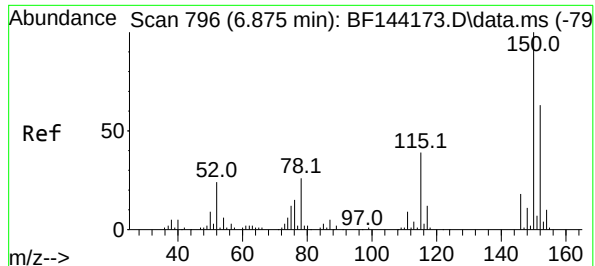
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144202.D
Acq On : 11 Nov 2025 14:39
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-2

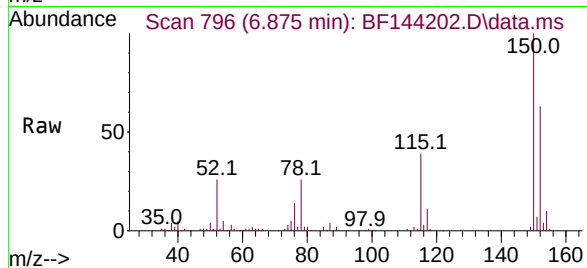
Quant Time: Nov 11 14:59:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



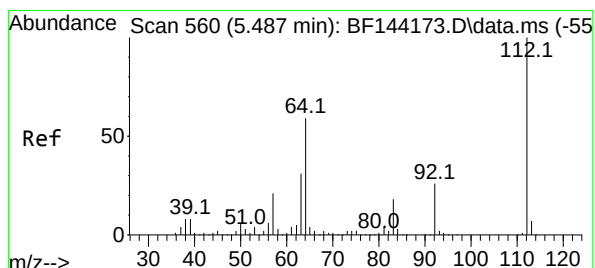
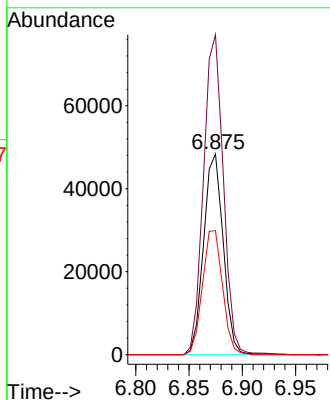
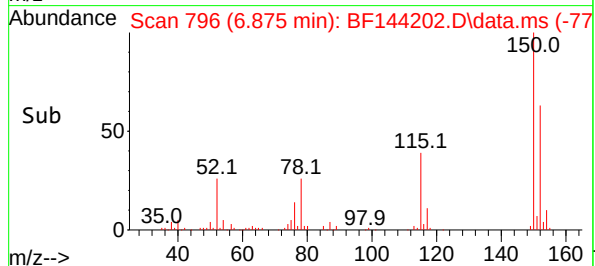


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

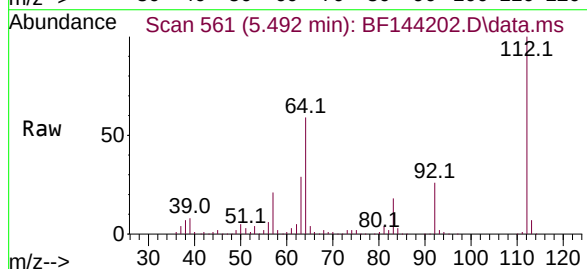
Instrument :
BNA_F
ClientSampleId :
FB-2



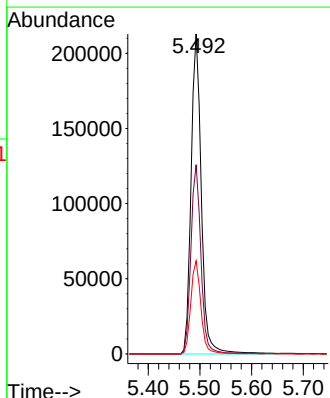
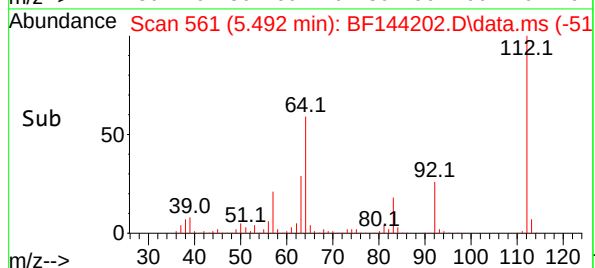
Tgt Ion:152 Resp: 61823
Ion Ratio Lower Upper
152 100
150 159.5 127.4 191.0
115 61.8 49.5 74.3

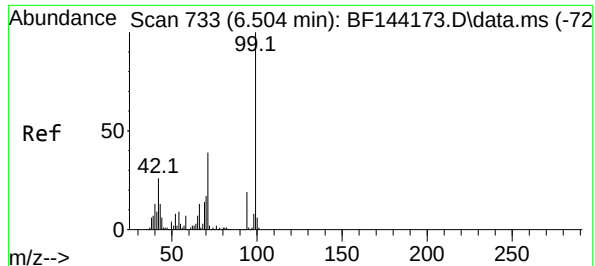


#5
2-Fluorophenol
Concen: 74.098 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39



Tgt Ion:112 Resp: 292737
Ion Ratio Lower Upper
112 100
64 59.1 47.2 70.8
63 29.1 24.4 36.6

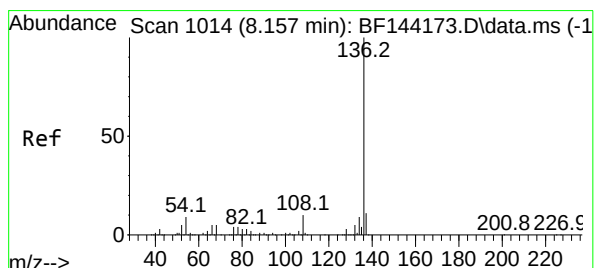
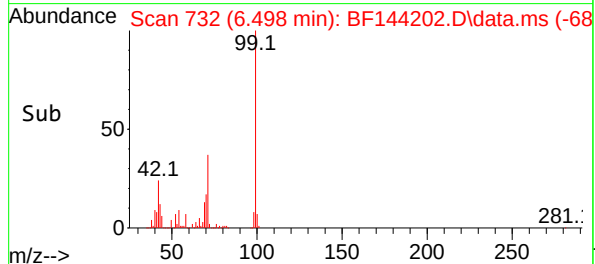
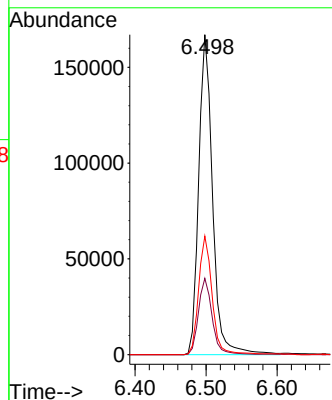
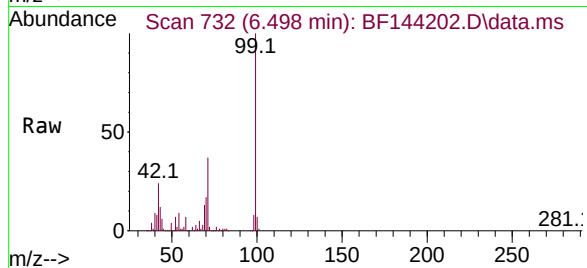




#7
Phenol-d6
Concen: 50.484 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

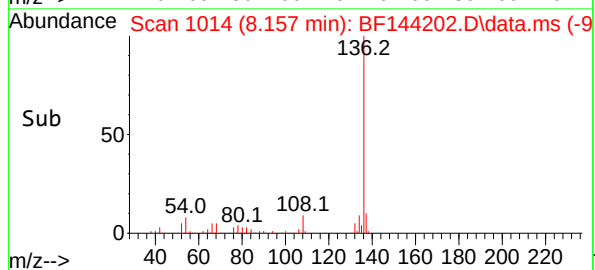
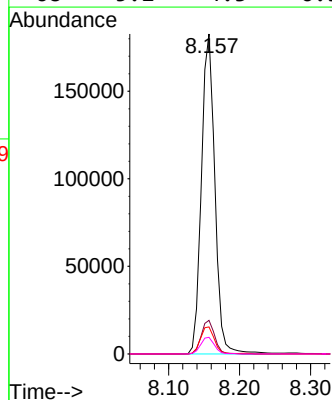
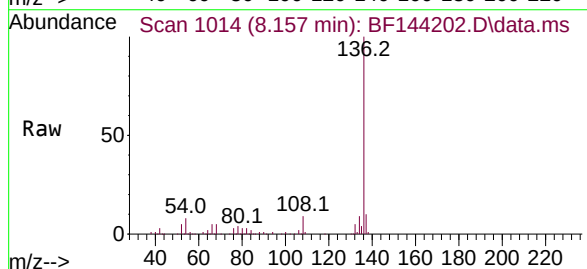
Instrument :
BNA_F
ClientSampleId :
FB-2

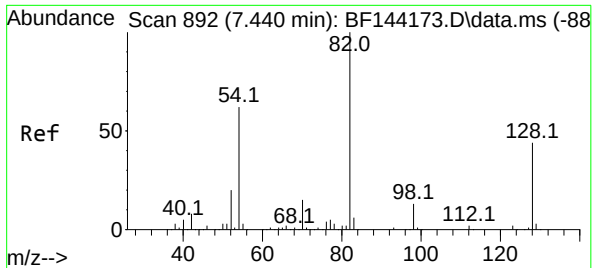
Tgt Ion: 99 Resp: 225988
Ion Ratio Lower Upper
99 100
42 23.8 20.9 31.3
71 37.0 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144202.D
Acq: 11 Nov 2025 14:39

Tgt Ion: 136 Resp: 239622
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.4 7.0 10.6
68 5.2 4.3 6.5





#23

Nitrobenzene-d5

Concen: 89.489 ng

RT: 7.433 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF144202.D

Acq: 11 Nov 2025 14:39

Instrument :

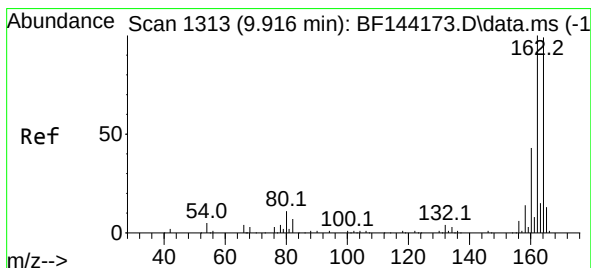
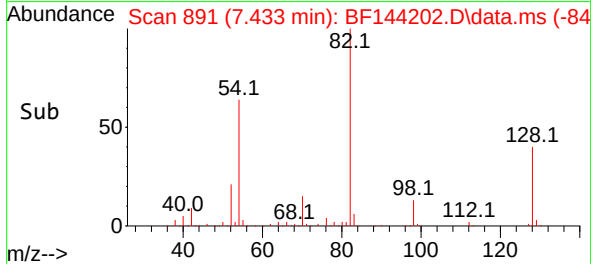
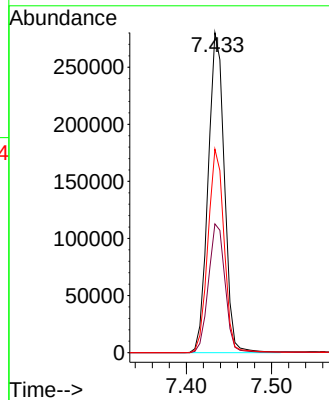
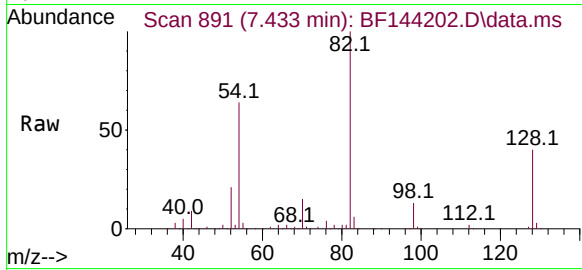
BNA_F

ClientSampleId :

FB-2

Tgt Ion: 82 Resp: 371283

Ion	Ratio	Lower	Upper
82	100		
128	40.2	34.7	52.1
54	63.6	49.5	74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

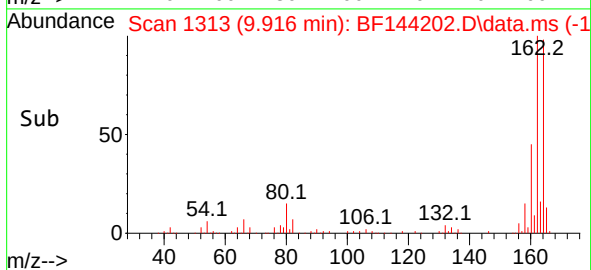
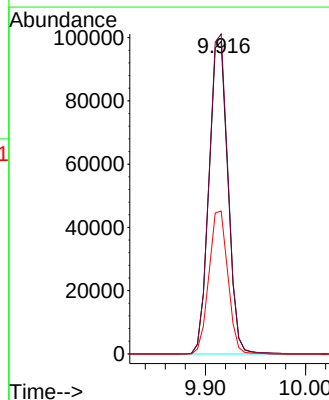
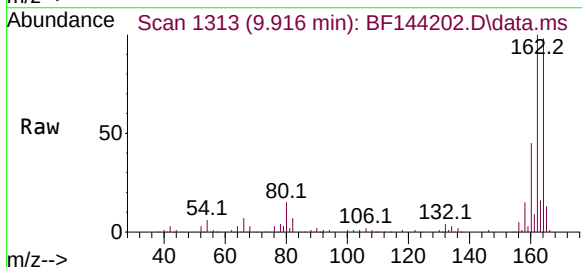
Delta R.T. -0.000 min

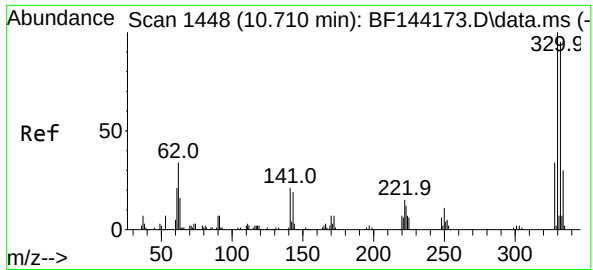
Lab File: BF144202.D

Acq: 11 Nov 2025 14:39

Tgt Ion:164 Resp: 129099

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.1	121.7
160	45.7	34.5	51.7





#42

2,4,6-Tribromophenol

Concen: 124.416 ng

RT: 10.704 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF144202.D

Acq: 11 Nov 2025 14:39

Instrument :

BNA_F

ClientSampleId :

FB-2

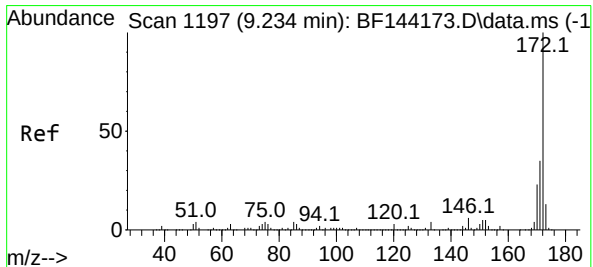
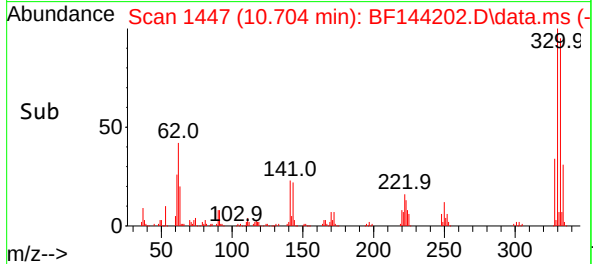
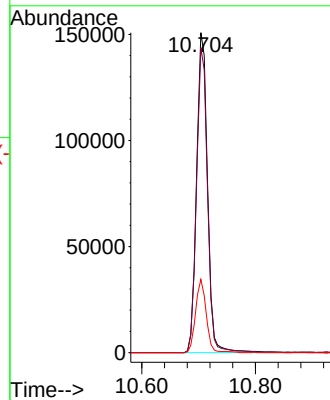
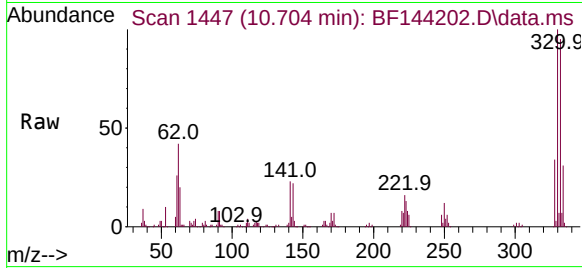
Tgt Ion:330 Resp: 201560

Ion Ratio Lower Upper

330 100

332 94.9 76.7 115.1

141 22.2 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 85.077 ng

RT: 9.233 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF144202.D

Acq: 11 Nov 2025 14:39

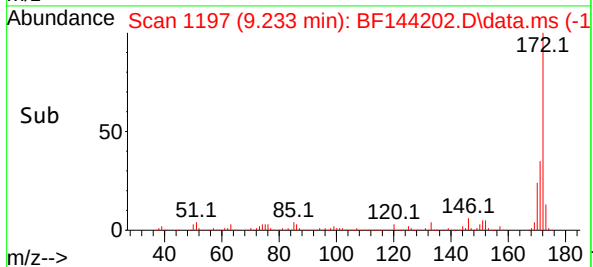
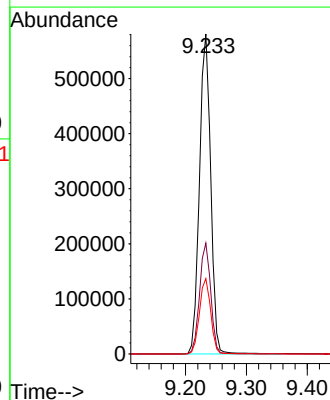
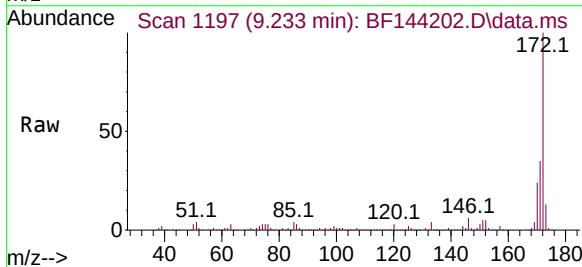
Tgt Ion:172 Resp: 743660

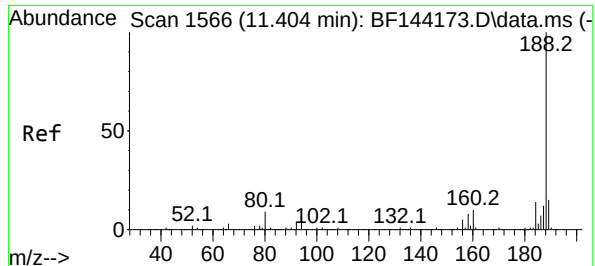
Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

170 23.5 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1566

Delta R.T. -0.000 min

Lab File: BF144202.D

Acq: 11 Nov 2025 14:39

Instrument :

BNA_F

ClientSampleId :

FB-2

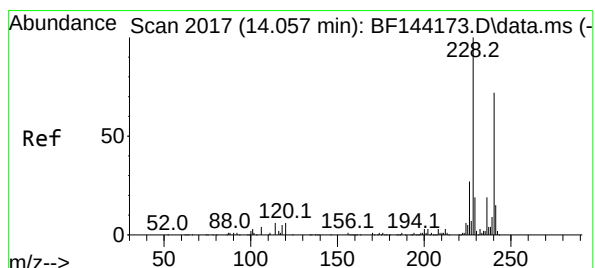
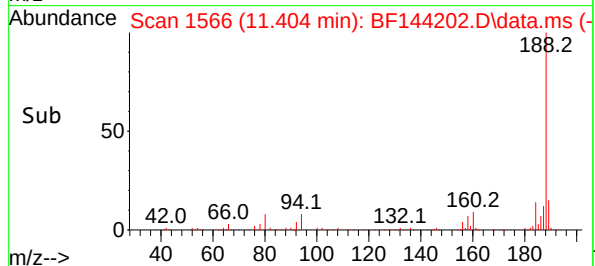
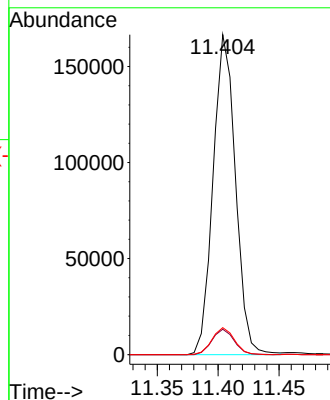
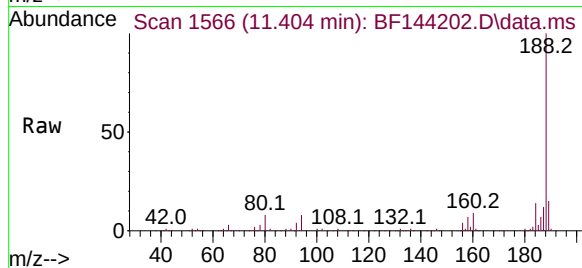
Tgt Ion:188 Resp: 212852

Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.2

80 8.4 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 1717

Delta R.T. 0.006 min

Lab File: BF144202.D

Acq: 11 Nov 2025 14:39

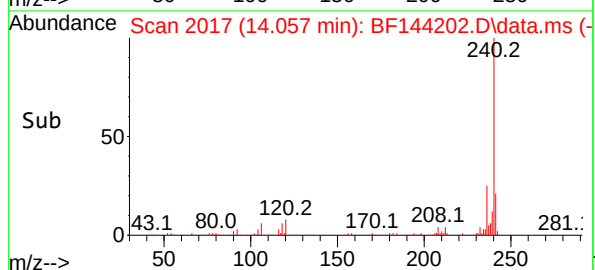
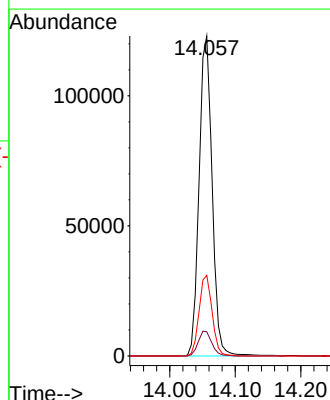
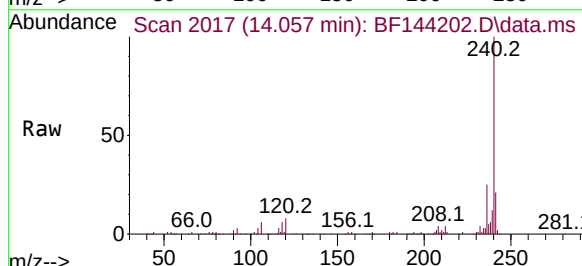
Tgt Ion:240 Resp: 168567

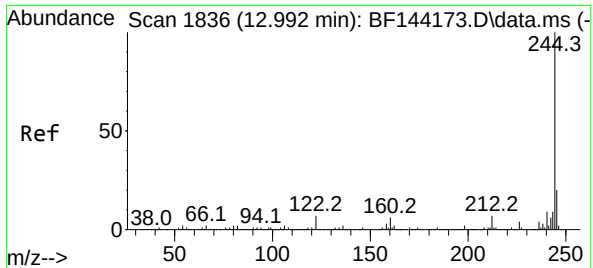
Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

236 25.2 21.4 32.2





#79

Terphenyl-d14

Concen: 73.155 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.006 min

Lab File: BF144202.D

Acq: 11 Nov 2025 14:39

Instrument :

BNA_F

ClientSampleId :

FB-2

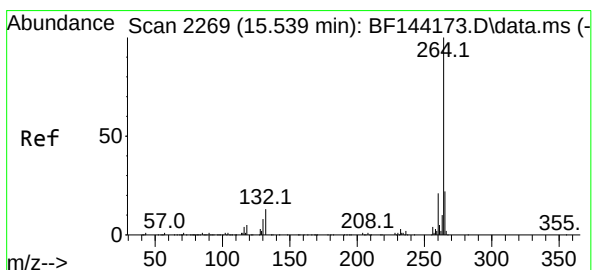
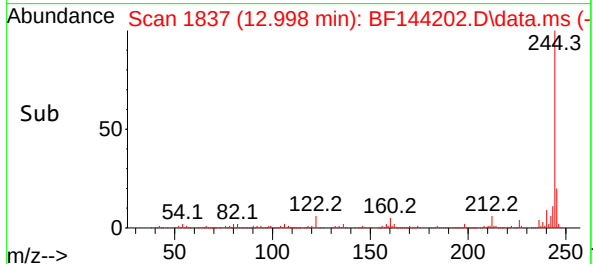
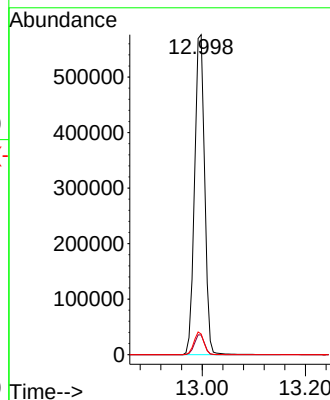
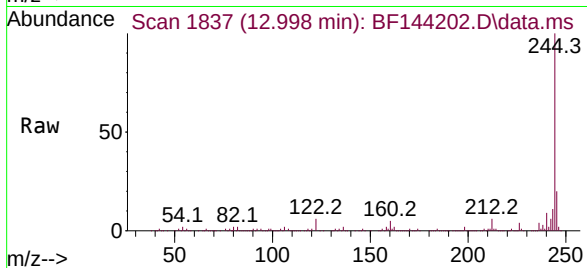
Tgt Ion:244 Resp: 776348

Ion Ratio Lower Upper

244 100

212 6.1 5.3 7.9

122 6.4 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF144202.D

Acq: 11 Nov 2025 14:39

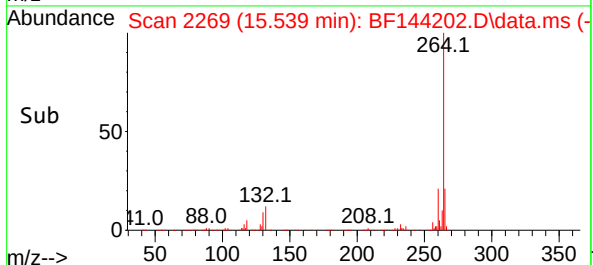
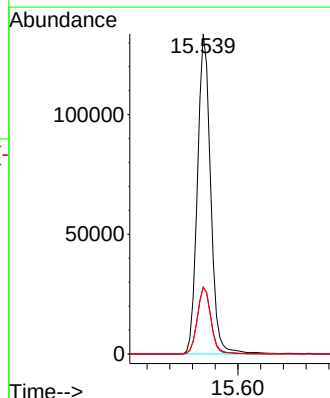
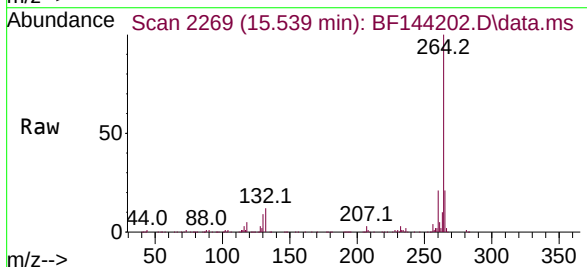
Tgt Ion:264 Resp: 214547

Ion Ratio Lower Upper

264 100

260 20.8 17.1 25.7

265 20.9 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144202.D
 Acq On : 11 Nov 2025 14:39
 Operator : RC/JU
 Sample : Q3584-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-2

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144202.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	489	492	503	rVB	26852	40657	1.99%	0.370%
2	5.492	556	561	574	rBV	748094	1012528	49.65%	9.210%
3	6.498	727	732	751	rBV	509131	686540	33.66%	6.245%
4	6.875	791	796	803	rBV	288814	371459	18.21%	3.379%
5	7.433	885	891	902	rBV	870938	1154397	56.60%	10.501%
6	8.157	1008	1014	1029	rBV	362007	473153	23.20%	4.304%
7	8.375	1047	1051	1053	rBV	17795	25121	1.23%	0.229%
8	8.398	1053	1055	1062	rVB	21200	26921	1.32%	0.245%
9	9.233	1191	1197	1202	rBV	1603675	2039481	100.00%	18.552%
10	9.916	1307	1313	1321	rBV	402655	525722	25.78%	4.782%
11	10.704	1442	1447	1466	rBV	1004750	1310381	64.25%	11.920%
12	11.404	1561	1566	1573	rBV	386563	489922	24.02%	4.456%
13	12.992	1831	1836	1842	rBV	1403242	1879904	92.18%	17.100%
14	14.057	2009	2017	2025	rBV	309517	423772	20.78%	3.855%
15	14.457	2080	2085	2090	rBV2	26574	34988	1.72%	0.318%
16	15.539	2263	2269	2283	rBV	310800	498559	24.45%	4.535%

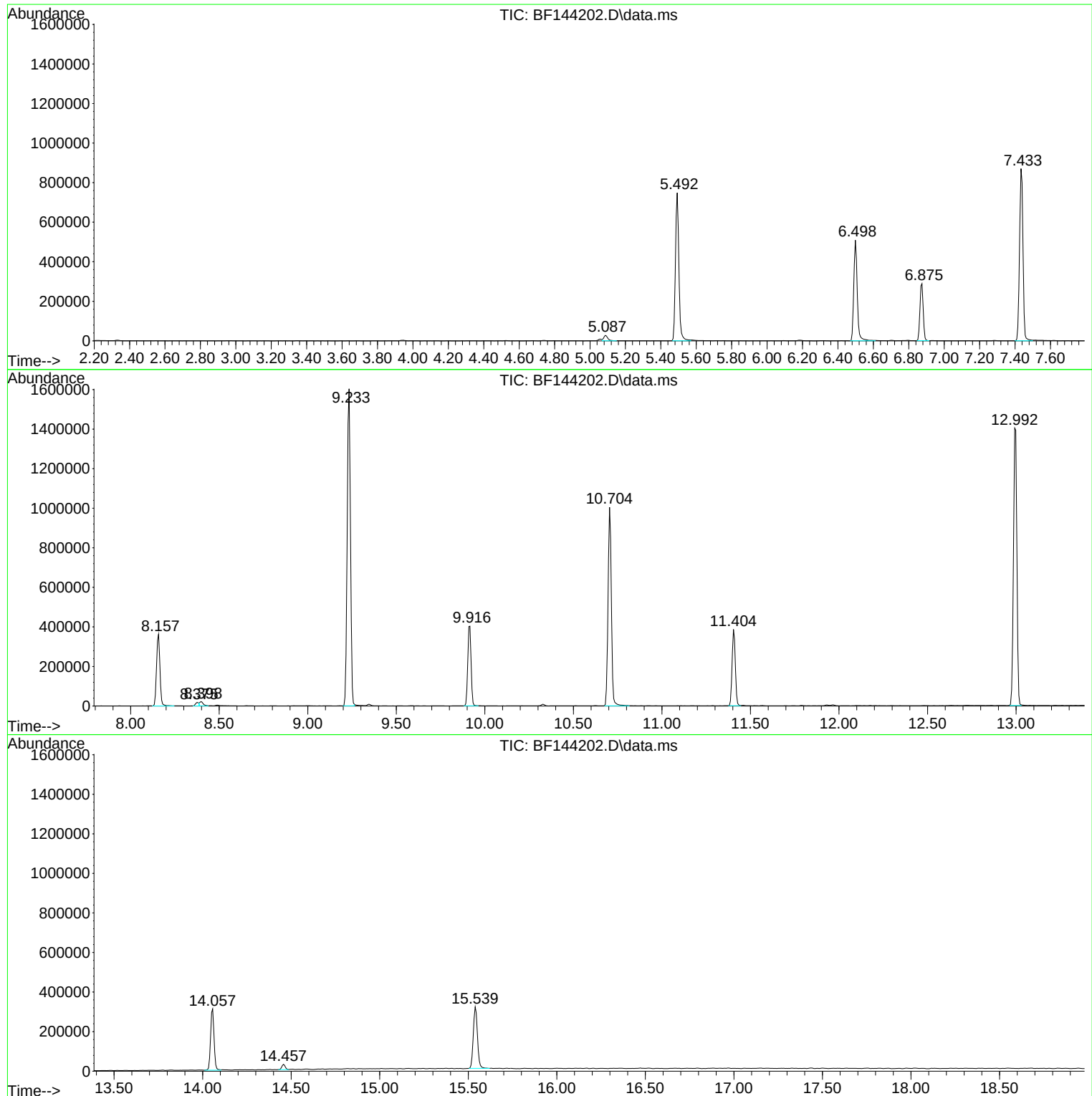
Sum of corrected areas: 10993505

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144202.D
Acq On : 11 Nov 2025 14:39
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144202.D
Acq On : 11 Nov 2025 14:39
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144202.D
Acq On : 11 Nov 2025 14:39
Operator : RC/JU
Sample : Q3584-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client: Remington & Vernick Engineers

Project: Edison Landfill

Client Sample ID: SEEP-1

Lab Sample ID: Q3584-07

Analytical Method: 8270E Level: LOW

Sample Wt/Vol: 990 mL Final Vol: 1000 uL

Prep Method : 3510C Prep Date: 11/10/25

Date Collected: 11/07/25

Date Received: 11/07/25

SDG No.: Q3584

Matrix: Water

% Solid: 0

Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.1	ug/L	11/11/25 20:59	PB170473
108-95-2	Phenol	5.20		1	0.92	5.10	ug/L	11/11/25 20:59	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.82	U	1	0.82	5.10	ug/L	11/11/25 20:59	PB170473
95-57-8	2-Chlorophenol	0.59	U	1	0.59	5.10	ug/L	11/11/25 20:59	PB170473
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.10	ug/L	11/11/25 20:59	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.10	ug/L	11/11/25 20:59	PB170473
98-86-2	Acetophenone	0.75	U	1	0.75	5.10	ug/L	11/11/25 20:59	PB170473
65794-96-9	3+4-Methylphenols	23.4		1	1.10	10.1	ug/L	11/11/25 20:59	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/11/25 20:59	PB170473
67-72-1	Hexachloroethane	0.66	U	1	0.66	5.10	ug/L	11/11/25 20:59	PB170473
98-95-3	Nitrobenzene	0.77	U	1	0.77	5.10	ug/L	11/11/25 20:59	PB170473
78-59-1	Isophorone	0.76	U	1	0.76	5.10	ug/L	11/11/25 20:59	PB170473
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.10	ug/L	11/11/25 20:59	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.10	ug/L	11/11/25 20:59	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	1	0.69	5.10	ug/L	11/11/25 20:59	PB170473
120-83-2	2,4-Dichlorophenol	0.53	U	1	0.53	5.10	ug/L	11/11/25 20:59	PB170473
91-20-3	Naphthalene	0.51	U	1	0.51	5.10	ug/L	11/11/25 20:59	PB170473
106-47-8	4-Chloroaniline	0.85	UQ	1	0.85	5.10	ug/L	11/11/25 20:59	PB170473
87-68-3	Hexachlorobutadiene	0.55	U	1	0.55	5.10	ug/L	11/11/25 20:59	PB170473
105-60-2	Caprolactam	1.10	U	1	1.10	10.1	ug/L	11/11/25 20:59	PB170473
59-50-7	4-Chloro-3-methylphenol	0.60	U	1	0.60	5.10	ug/L	11/11/25 20:59	PB170473
91-57-6	2-Methylnaphthalene	0.57	U	1	0.57	5.10	ug/L	11/11/25 20:59	PB170473
77-47-4	Hexachlorocyclopentadiene	3.70	U	1	3.70	10.1	ug/L	11/11/25 20:59	PB170473
88-06-2	2,4,6-Trichlorophenol	0.52	U	1	0.52	5.10	ug/L	11/11/25 20:59	PB170473
95-95-4	2,4,5-Trichlorophenol	0.63	U	1	0.63	5.10	ug/L	11/11/25 20:59	PB170473
92-52-4	1,1-Biphenyl	0.54	U	1	0.54	5.10	ug/L	11/11/25 20:59	PB170473
91-58-7	2-Chloronaphthalene	0.62	U	1	0.62	5.10	ug/L	11/11/25 20:59	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.10	ug/L	11/11/25 20:59	PB170473
131-11-3	Dimethylphthalate	0.62	U	1	0.62	5.10	ug/L	11/11/25 20:59	PB170473
208-96-8	Acenaphthylene	0.76	U	1	0.76	5.10	ug/L	11/11/25 20:59	PB170473
606-20-2	2,6-Dinitrotoluene	0.93	U	1	0.93	5.10	ug/L	11/11/25 20:59	PB170473
99-09-2	3-Nitroaniline	1.10	UQ	1	1.10	5.10	ug/L	11/11/25 20:59	PB170473
83-32-9	Acenaphthene	0.56	U	1	0.56	5.10	ug/L	11/11/25 20:59	PB170473
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.1	ug/L	11/11/25 20:59	PB170473
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.1	ug/L	11/11/25 20:59	PB170473
132-64-9	Dibenzofuran	0.62	U	1	0.62	5.10	ug/L	11/11/25 20:59	PB170473
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.10	ug/L	11/11/25 20:59	PB170473
84-66-2	Diethylphthalate	0.70	U	1	0.70	5.10	ug/L	11/11/25 20:59	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	1	0.69	5.10	ug/L	11/11/25 20:59	PB170473
86-73-7	Fluorene	0.64	U	1	0.64	5.10	ug/L	11/11/25 20:59	PB170473
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.10	ug/L	11/11/25 20:59	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.1	ug/L	11/11/25 20:59	PB170473



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/07/25
Project:	Edison Landfill		Date Received:	11/07/25
Client Sample ID:	SEEP-1		SDG No.:	Q3584
Lab Sample ID:	Q3584-07		Matrix:	Water
Analytical Method:	8270E	Level: LOW	% Solid:	0
Sample Wt/Vol:	990 mL	Final Vol:	1000 uL	Test:
Prep Method :	3510C	Prep Date:	11/10/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.59	U	1	0.59	5.10	ug/L	11/11/25 20:59	PB170473
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.10	ug/L	11/11/25 20:59	PB170473
118-74-1	Hexachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/11/25 20:59	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.10	ug/L	11/11/25 20:59	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.1	ug/L	11/11/25 20:59	PB170473
85-01-8	Phenanthrene	0.51	U	1	0.51	5.10	ug/L	11/11/25 20:59	PB170473
120-12-7	Anthracene	0.62	U	1	0.62	5.10	ug/L	11/11/25 20:59	PB170473
86-74-8	Carbazole	0.73	U	1	0.73	5.10	ug/L	11/11/25 20:59	PB170473
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.10	ug/L	11/11/25 20:59	PB170473
206-44-0	Fluoranthene	0.83	U	1	0.83	5.10	ug/L	11/11/25 20:59	PB170473
129-00-0	Pyrene	0.51	U	1	0.51	5.10	ug/L	11/11/25 20:59	PB170473
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.10	ug/L	11/11/25 20:59	PB170473
91-94-1	3,3-Dichlorobenzidine	0.94	UQ	1	0.94	10.1	ug/L	11/11/25 20:59	PB170473
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.10	ug/L	11/11/25 20:59	PB170473
218-01-9	Chrysene	0.44	U	1	0.44	5.10	ug/L	11/11/25 20:59	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	3.00	J	1	1.60	5.10	ug/L	11/11/25 20:59	PB170473
117-84-0	Di-n-octyl phthalate	2.40	U	1	2.40	10.1	ug/L	11/11/25 20:59	PB170473
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.10	ug/L	11/11/25 20:59	PB170473
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.10	ug/L	11/11/25 20:59	PB170473
50-32-8	Benzo(a)pyrene	0.56	U	1	0.56	5.10	ug/L	11/11/25 20:59	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	1	0.60	5.10	ug/L	11/11/25 20:59	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.68	U	1	0.68	5.10	ug/L	11/11/25 20:59	PB170473
191-24-2	Benzo(g,h,i)perylene	0.70	U	1	0.70	5.10	ug/L	11/11/25 20:59	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/11/25 20:59	PB170473
123-91-1	1,4-Dioxane	12.2		1	1.00	5.10	ug/L	11/11/25 20:59	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.73	U	1	0.73	5.10	ug/L	11/11/25 20:59	PB170473

SURROGATES

367-12-4	2-Fluorophenol	67.7		15 (10) - 110 (134)	45%	SPK: 150
13127-88-3	Phenol-d6	47.4		15 (10) - 110 (135)	32%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.8		30 (39) - 130 (138)	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	64.9		30 (52) - 130 (132)	65%	SPK: 100
118-79-6	2,4,6-Tribromophenol	137		15 (44) - 110 (137)	91%	SPK: 150
1718-51-0	Terphenyl-d14	63.9		30 (42) - 130 (152)	64%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	323000
1146-65-2	Naphthalene-d8	1320000
15067-26-2	Acenaphthene-d10	849000
1517-22-2	Phenanthrene-d10	1770000
1719-03-5	Chrysene-d12	1960000
1520-96-3	Perylene-d12	2190000

TENTATIVE IDENTIFIED COMPOUNDS

62-53-3	Aniline	4.20	J	7.01	ug/L
000111-14-8	Heptanoic acid	15.2	J	8.28	ug/L



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SEEP-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 mL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
65-85-0	Benzoic acid	13.8	J			9.71	ug/L		
000620-17-7	Phenol, 3-ethyl-	10.9	J			9.89	ug/L		
000103-82-2	Benzeneacetic acid	9.00	J			11.0	ug/L		
000501-52-0	Hydrocinnamic acid	17.3	J			12.3	ug/L		
000134-62-3	Diethyltoluamide	15.9	J			15.1	ug/L		
015687-27-1	Ibuprofen	33.9	J			15.4	ug/L		
000119-61-9	Benzophenone	9.20	J			15.7	ug/L		
003622-84-2	Benzenesulfonamide, N-butyl-	8.70	J			16.9	ug/L		
001421-49-4	Benzoic acid, 3,5-bis(1,1-dimethyl	14.0	J			17.6	ug/L		
000057-10-3	n-Hexadecanoic acid	13.6	J			18.1	ug/L		
020170-32-5	3,5-di-tert-Butyl-4-hydroxyphenylp	14.2	J			18.3	ug/L		
003234-85-3	Myristyl myristate	29.6	J			24.8	ug/L		
002599-01-1	Tetradecanoic acid, hexadecyl este	48.4	J			27.3	ug/L		
1000406-04-8	Pentadecafluorooctanoic acid, octa	23.3	J			29.0	ug/L		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026099.D
 Acq On : 11 Nov 2025 20:59
 Operator : RC/JU
 Sample : Q3584-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SEEP-1

Quant Time: Nov 12 01:48:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

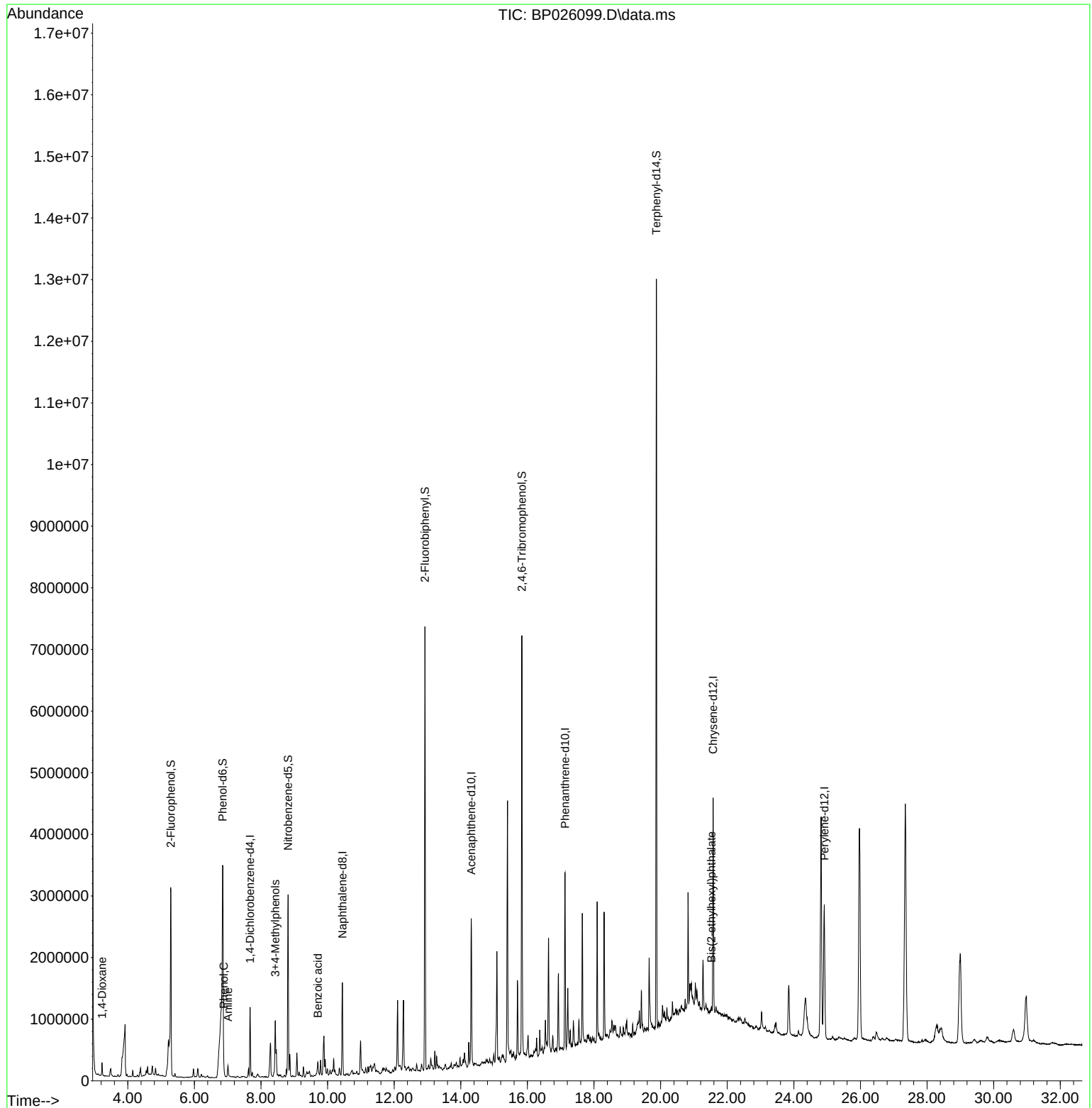
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	322520	20.000	ng	-0.02
21) Naphthalene-d8	10.443	136	1316165	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	849238	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	1767566	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1962758	20.000	ng	0.01
86) Perylene-d12	24.913	264	2192893	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1322648	67.670	ng	0.00
7) Phenol-d6	6.849	99	1180031	47.433	ng	0.00
23) Nitrobenzene-d5	8.813	82	1643318	77.835	ng	-0.01
42) 2,4,6-Tribromophenol	15.831	330	1254105	136.596	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	3836858	64.920	ng	0.00
79) Terphenyl-d14	19.872	244	6174605	63.914	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	99200	12.039	ng	# 84
6) Aniline	7.008	93	137723	4.148	ng	96
10) Phenol	6.878	94	142312	5.153	ng	98
20) 3+4-Methylphenols	8.431	107	582427	23.150	ng	90
32) Benzoic acid	9.708	122	101171	13.613	ng	97
84) Bis(2-ethylhexyl)phtha...	21.525	149	30925	2.967	ng	# 85

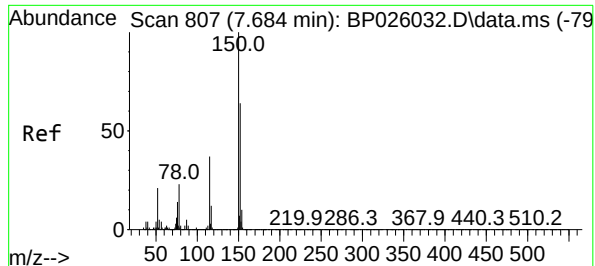
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Quant Time: Nov 12 01:48:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

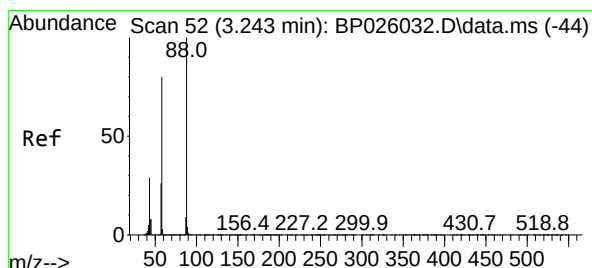
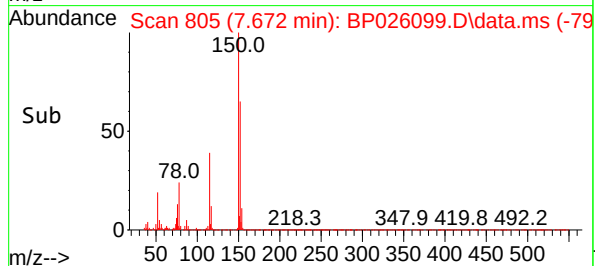
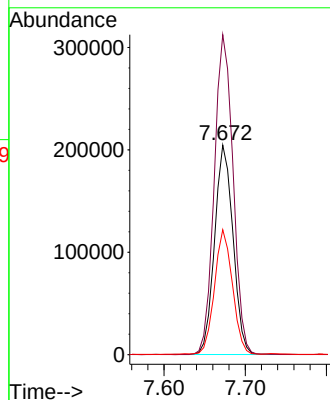
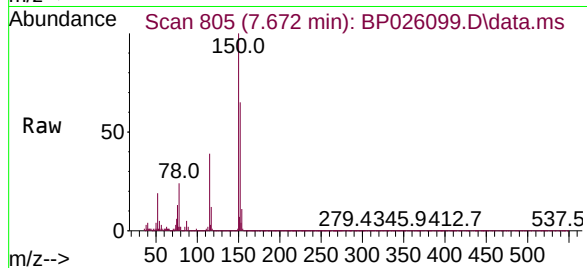




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.672 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BP026099.D
 Acq: 11 Nov 2025 20:59

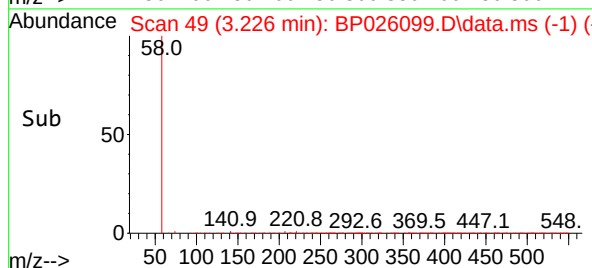
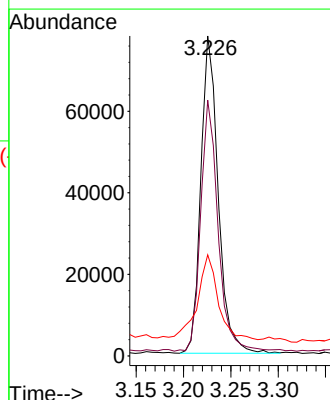
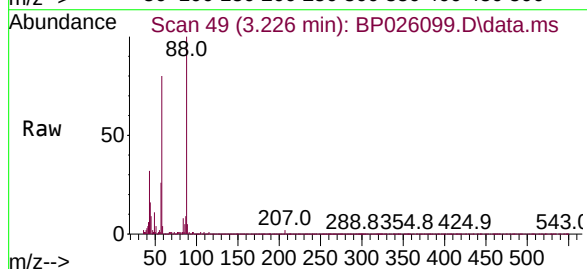
Instrument :
 BNA_P
 ClientSampleId :
 SEEP-1

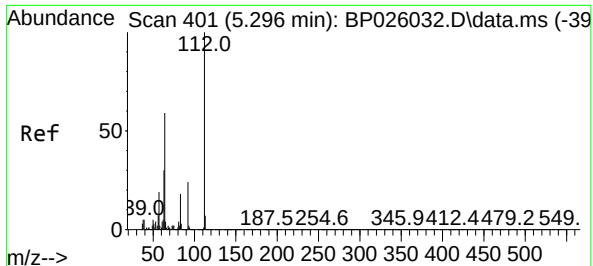
Tgt Ion:152 Resp: 322520
 Ion Ratio Lower Upper
 152 100
 150 152.7 125.7 188.5
 115 59.6 46.4 69.6



#2
 1,4-Dioxane
 Concen: 12.039 ng
 RT: 3.226 min Scan# 49
 Delta R.T. -0.011 min
 Lab File: BP026099.D
 Acq: 11 Nov 2025 20:59

Tgt Ion: 88 Resp: 99200
 Ion Ratio Lower Upper
 88 100
 58 78.9 65.4 98.0
 43 0.0 23.1 34.7#

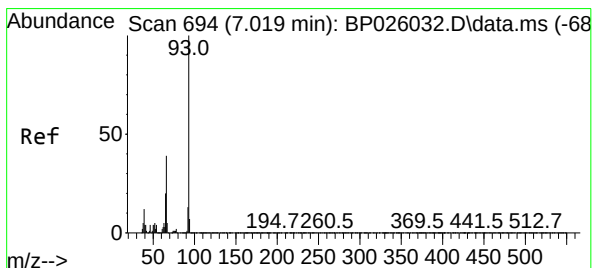
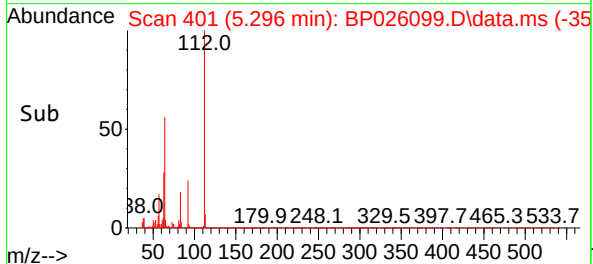
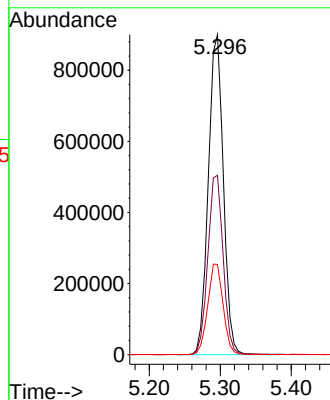
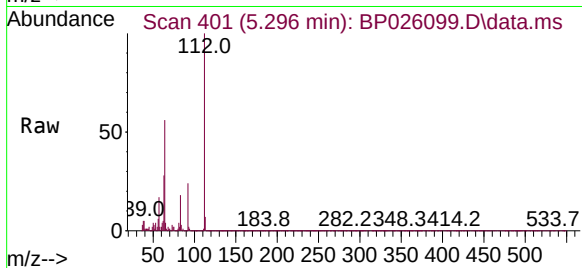




#5
2-Fluorophenol
Concen: 67.670 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

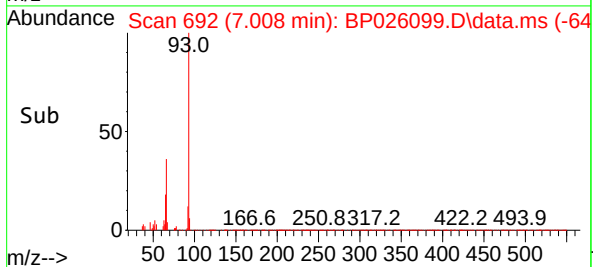
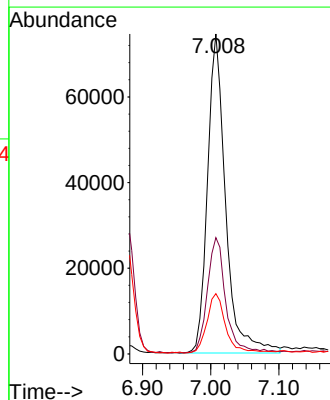
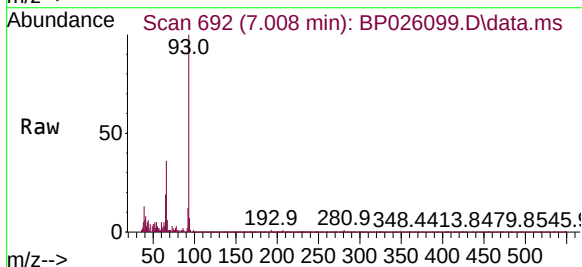
Instrument :
BNA_P
ClientSampleId :
SEEP-1

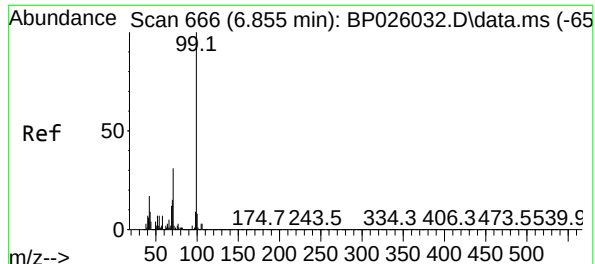
Tgt Ion:112 Resp: 1322648
Ion Ratio Lower Upper
112 100
64 56.0 47.4 71.2
63 28.2 24.2 36.4



#6
Aniline
Concen: 4.148 ng
RT: 7.008 min Scan# 692
Delta R.T. -0.011 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion: 93 Resp: 137723
Ion Ratio Lower Upper
93 100
66 36.3 31.2 46.8
65 18.8 16.1 24.1

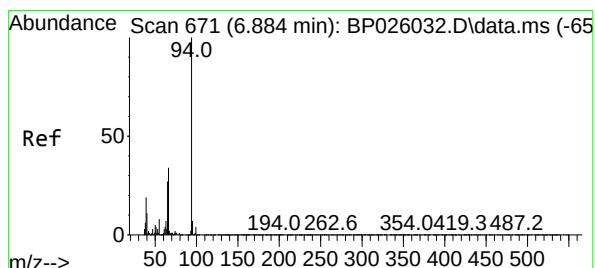
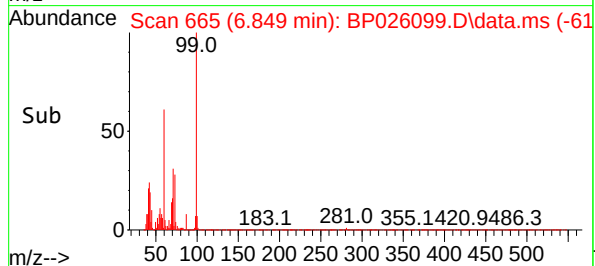
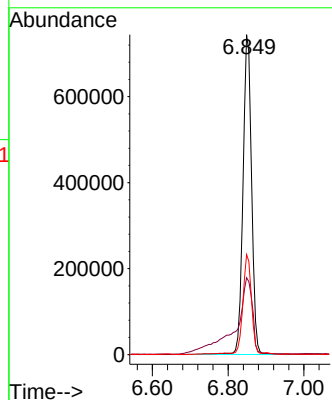
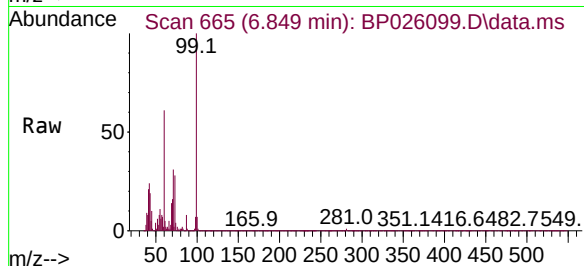




#7
Phenol-d6
Concen: 47.433 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

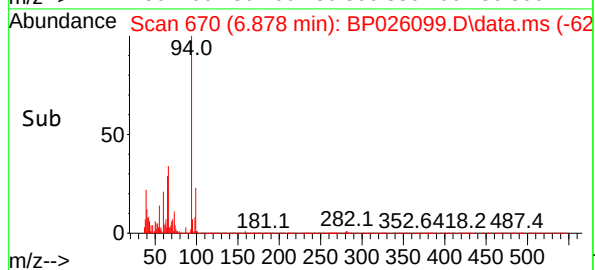
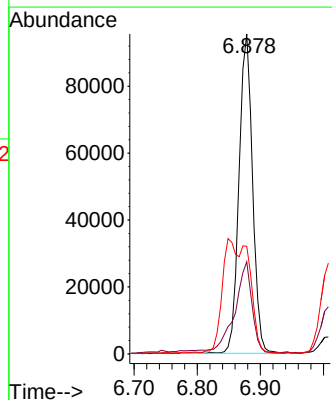
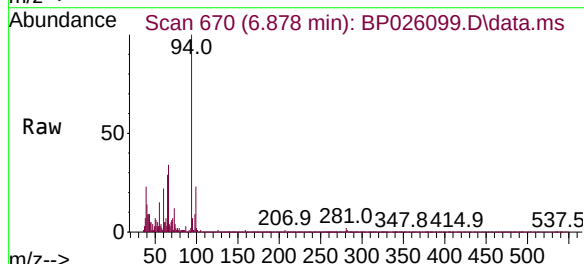
Instrument :
BNA_P
ClientSampleId :
SEEP-1

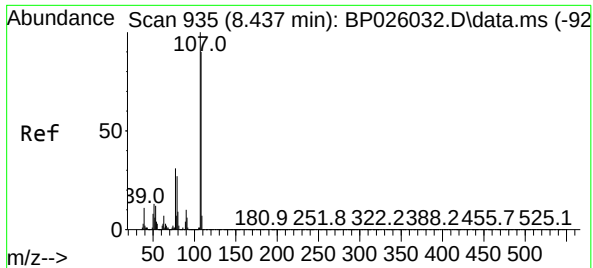
Tgt Ion: 99 Resp: 1180031
Ion Ratio Lower Upper
99 100
42 24.0 13.7 20.5#
71 31.3 24.4 36.6



#10
Phenol
Concen: 5.153 ng
RT: 6.878 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion: 94 Resp: 142312
Ion Ratio Lower Upper
94 100
65 28.8 7.1 47.1
66 33.6 14.4 54.4





#20

3+4-Methylphenols

Concen: 23.150 ng

RT: 8.431 min Scan# 934

Delta R.T. -0.011 min

Lab File: BP026099.D

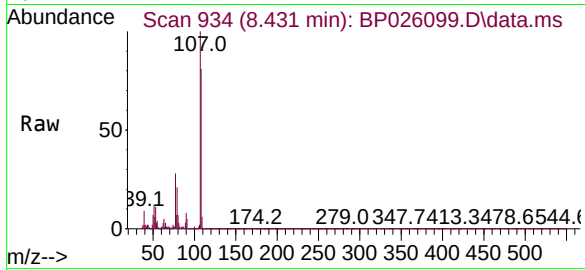
Acq: 11 Nov 2025 20:59

Instrument :

BNA_P

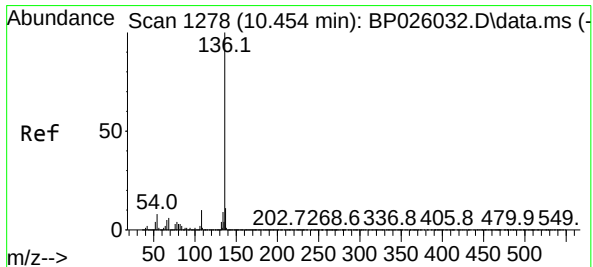
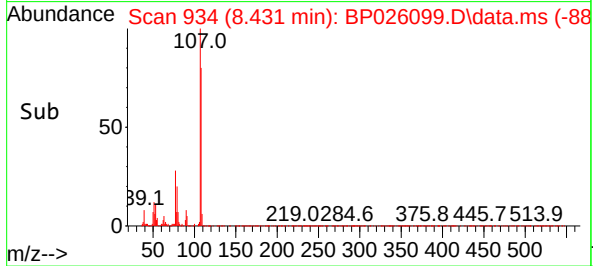
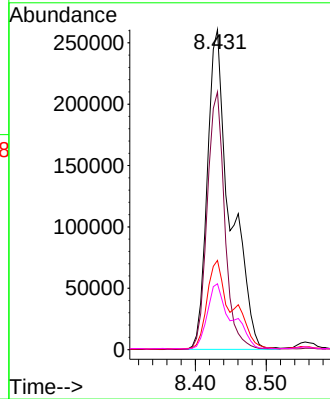
ClientSampleId :

SEEP-1



Tgt Ion:107 Resp: 582427

Ion	Ratio	Lower	Upper
107	100		
108	80.5	70.1	110.1
77	27.9	10.7	50.7
79	20.6	6.9	46.9



#21

Naphthalene-d8

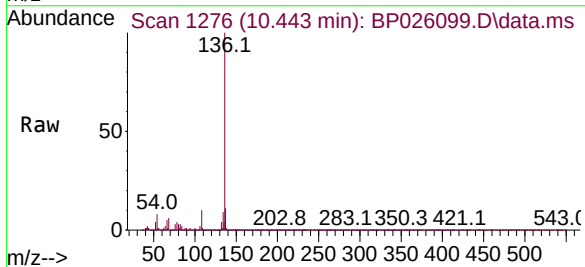
Concen: 20.000 ng

RT: 10.443 min Scan# 1276

Delta R.T. -0.011 min

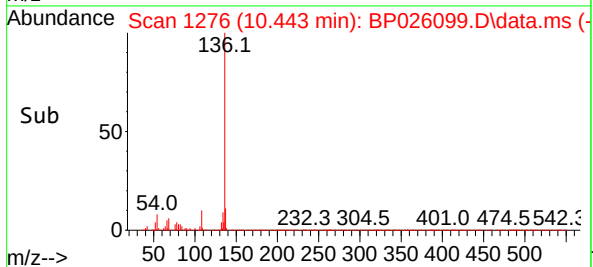
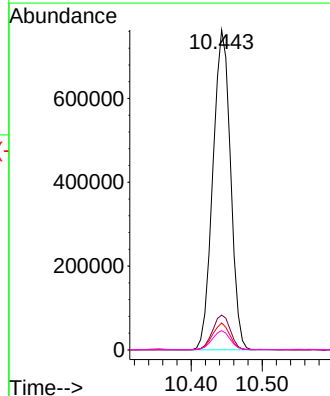
Lab File: BP026099.D

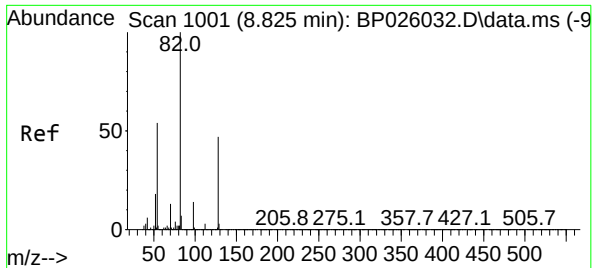
Acq: 11 Nov 2025 20:59



Tgt Ion:136 Resp: 1316165

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.4	6.6	10.0
68	6.0	4.7	7.1





#23

Nitrobenzene-d5

Concen: 77.835 ng

RT: 8.813 min Scan# 99

Delta R.T. -0.011 min

Lab File: BP026099.D

Acq: 11 Nov 2025 20:59

Instrument :

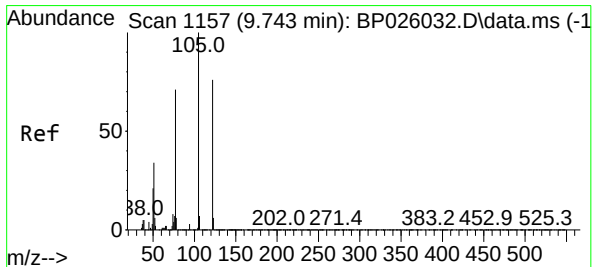
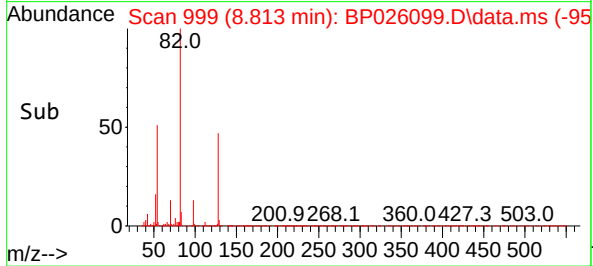
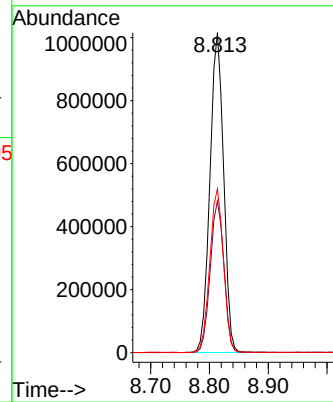
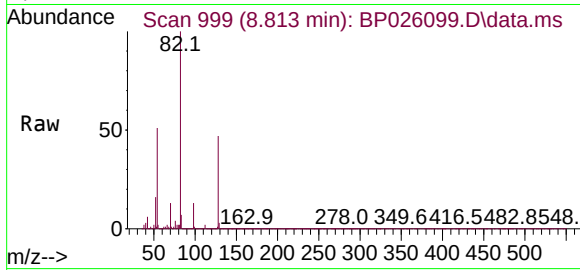
BNA_P

ClientSampleId :

SEEP-1

Tgt Ion: 82 Resp: 1643318

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.4	56.0
54	51.2	42.7	64.1



#32

Benzoic acid

Concen: 13.613 ng

RT: 9.708 min Scan# 1151

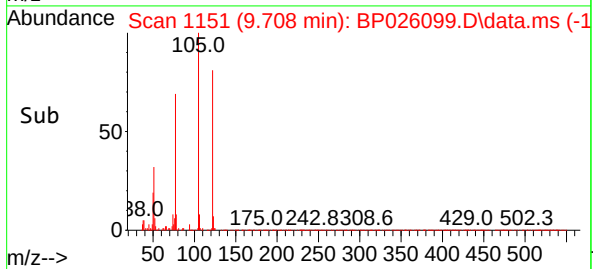
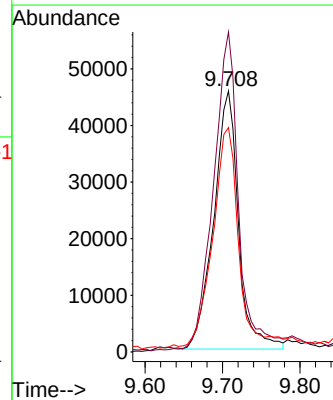
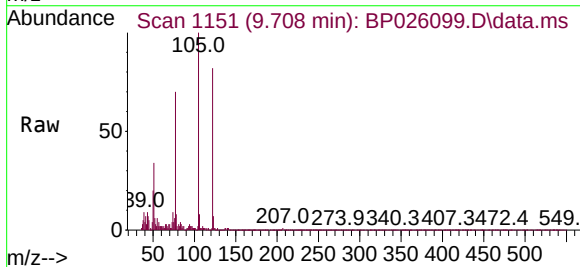
Delta R.T. -0.070 min

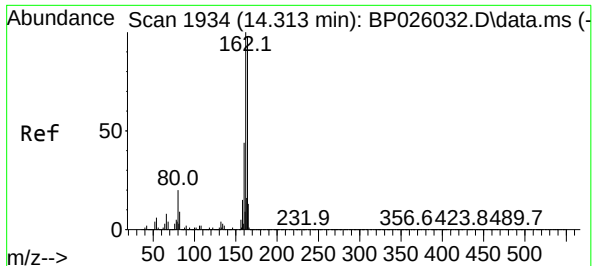
Lab File: BP026099.D

Acq: 11 Nov 2025 20:59

Tgt Ion: 122 Resp: 101171

Ion	Ratio	Lower	Upper
122	100		
105	122.6	104.8	144.8
77	85.9	70.9	110.9

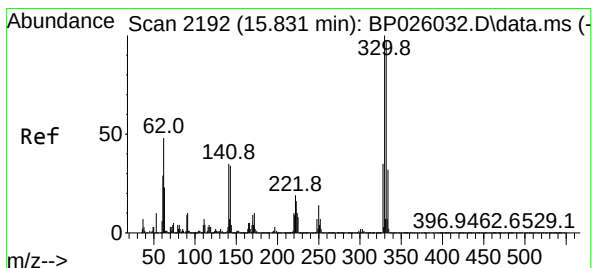
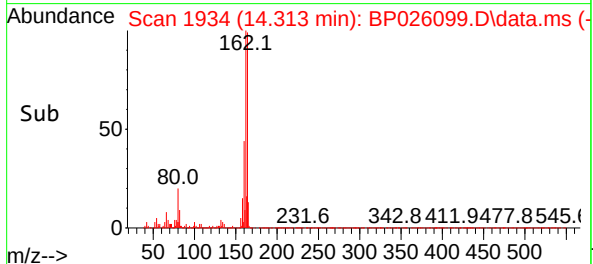
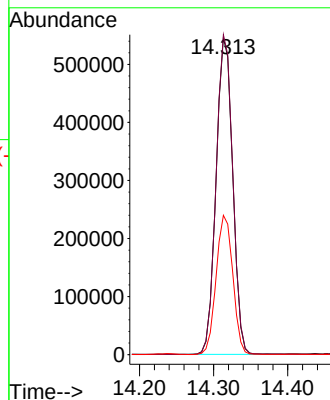
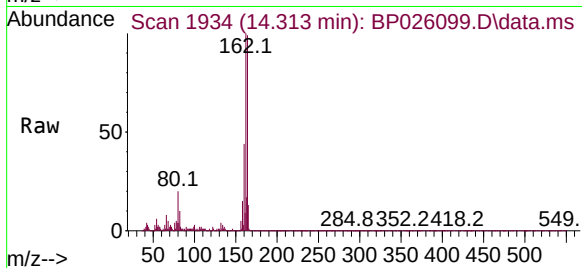




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

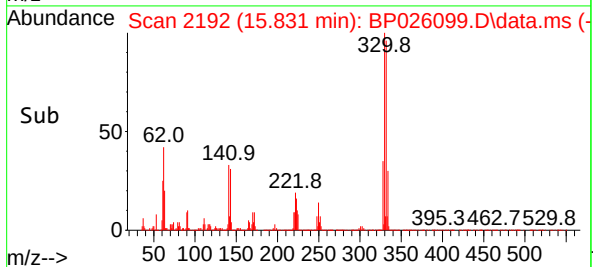
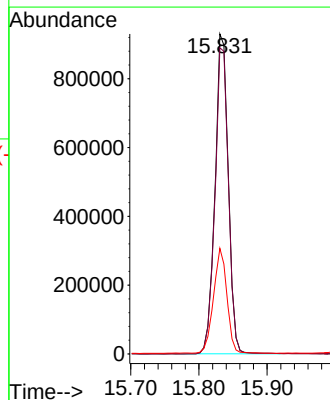
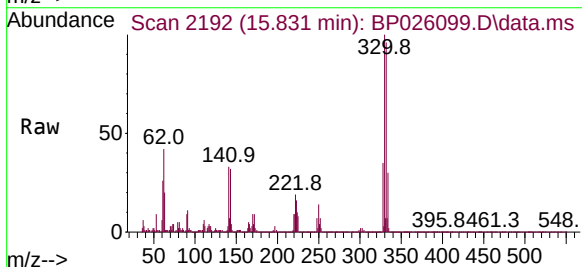
Instrument :
BNA_P
ClientSampleId :
SEEP-1

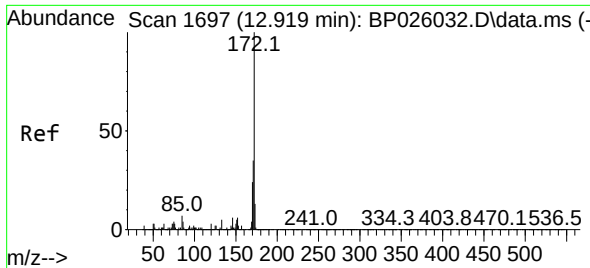
Tgt Ion:164 Resp: 849238
Ion Ratio Lower Upper
164 100
162 101.0 81.5 122.3
160 44.0 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 136.596 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion:330 Resp: 1254105
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 33.1 28.6 42.8

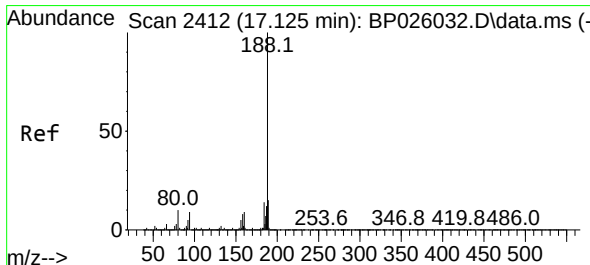
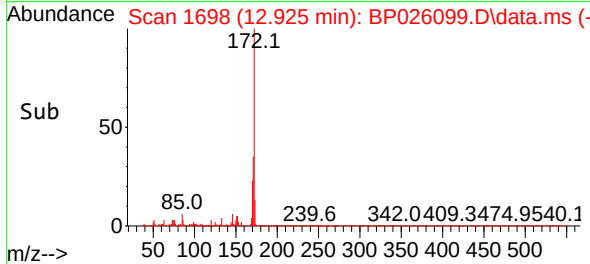
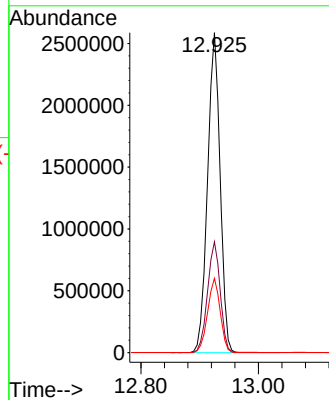
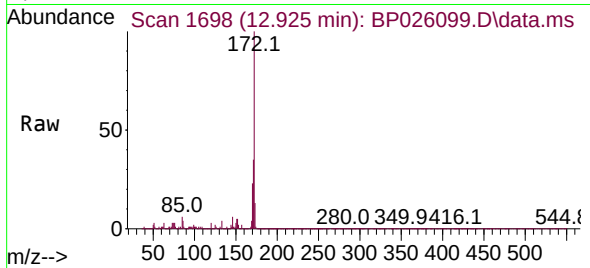




#45
2-Fluorobiphenyl
Concen: 64.920 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

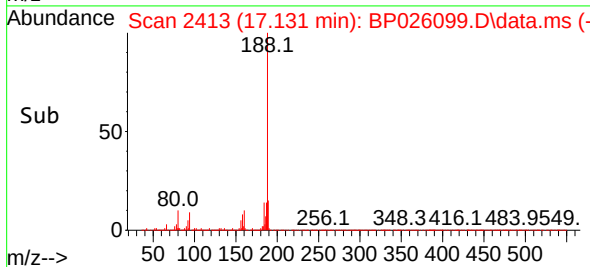
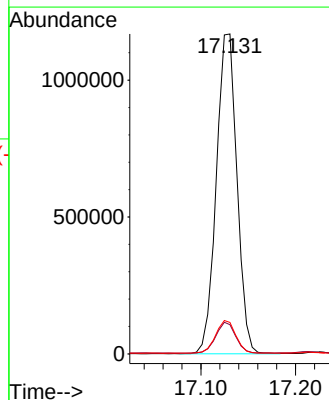
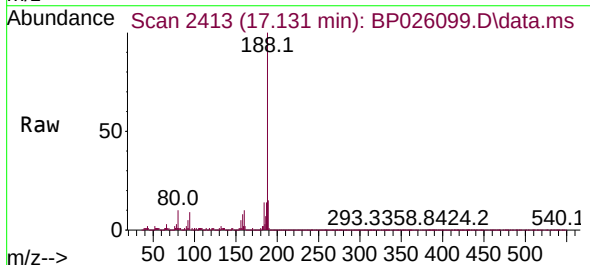
Instrument :
BNA_P
ClientSampleId :
SEEP-1

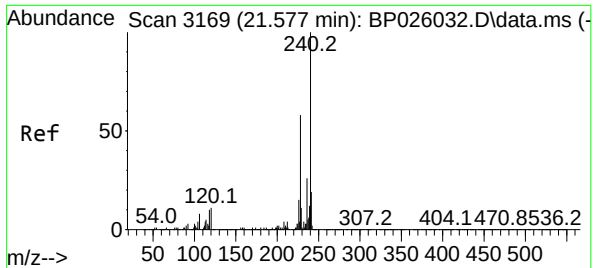
Tgt Ion:172 Resp: 3836858
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.2 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion:188 Resp: 1767566
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 9.9 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.577 min Scan# 3169

Delta R.T. 0.012 min

Lab File: BP026099.D

Acq: 11 Nov 2025 20:59

Instrument :

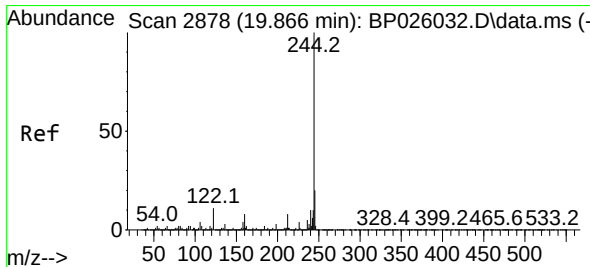
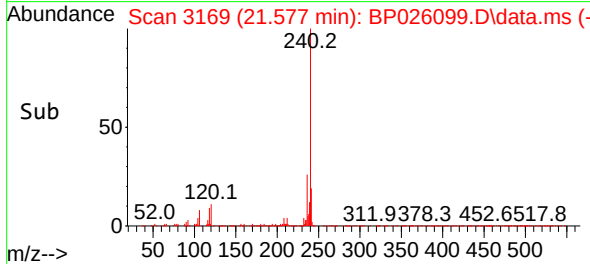
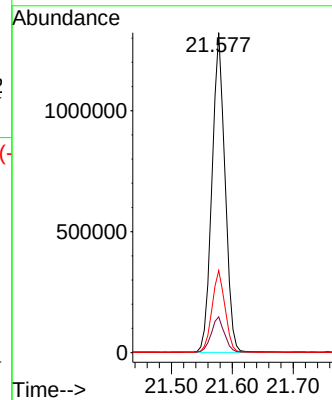
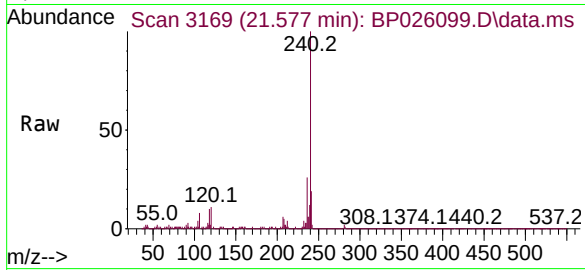
BNA_P

ClientSampleId :

SEEP-1

Tgt Ion:240 Resp: 1962758

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.6	20.6	31.0



#79

Terphenyl-d14

Concen: 63.914 ng

RT: 19.872 min Scan# 2879

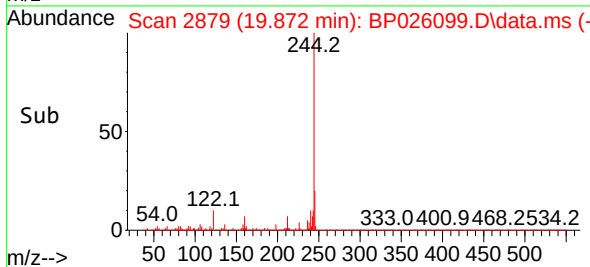
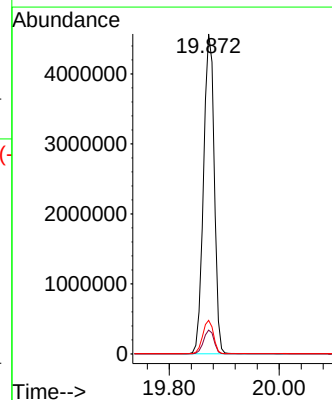
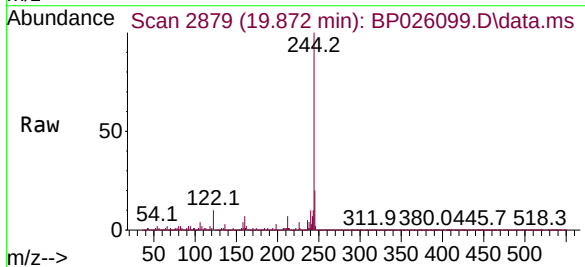
Delta R.T. 0.006 min

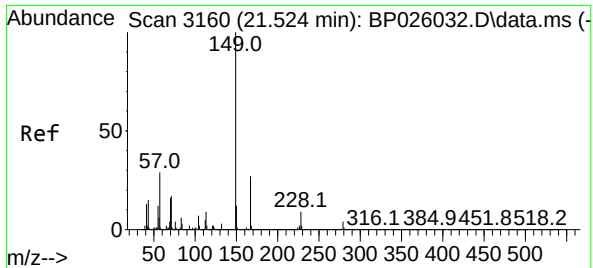
Lab File: BP026099.D

Acq: 11 Nov 2025 20:59

Tgt Ion:244 Resp: 6174605

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.5	9.0	13.6

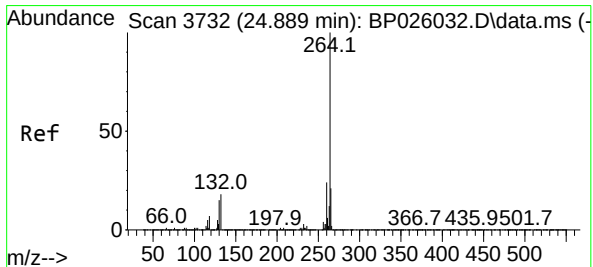
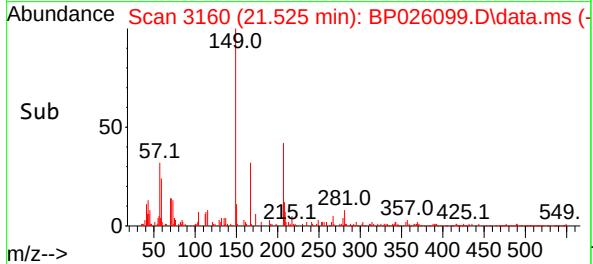
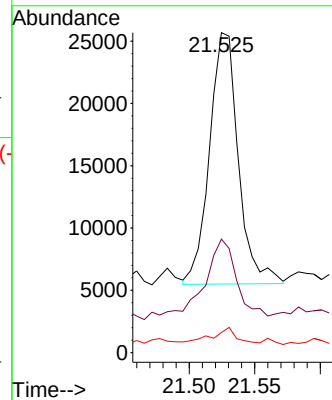
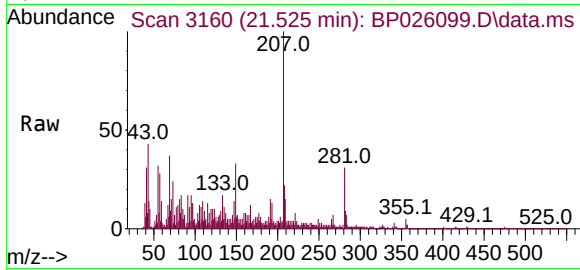




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.967 ng
RT: 21.525 min Scan# 3160
Delta R.T. 0.007 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

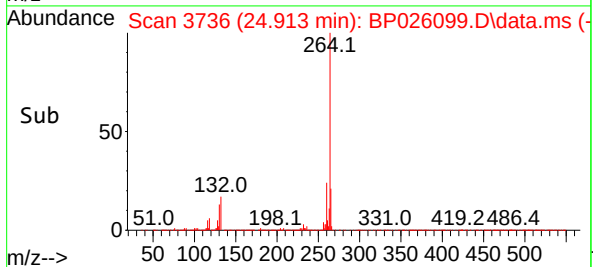
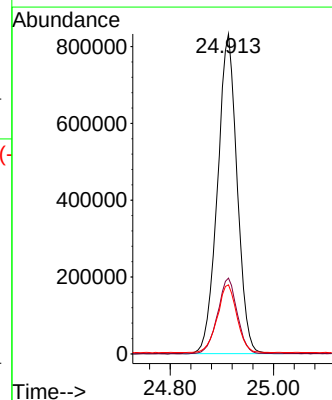
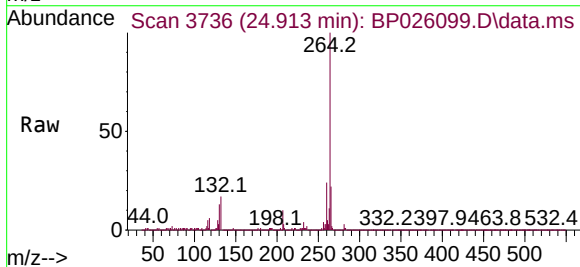
Instrument :
BNA_P
ClientSampleId :
SEEP-1

Tgt Ion:149 Resp: 30925
Ion Ratio Lower Upper
149 100
167 35.5 21.5 32.3#
279 6.3 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.913 min Scan# 3736
Delta R.T. 0.030 min
Lab File: BP026099.D
Acq: 11 Nov 2025 20:59

Tgt Ion:264 Resp: 2192893
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 21.6 17.2 25.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026099.D
 Acq On : 11 Nov 2025 20:59
 Operator : RC/JU
 Sample : Q3584-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SEEP-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026099.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.226	43	49	60	rVB	215739	294513	1.81%	0.155%
2	3.490	86	94	107	rVB2	124824	309144	1.90%	0.163%
3	3.831	144	152	153	rBV2	297510	496117	3.05%	0.261%
4	3.920	165	167	174	rVB2	838279	906028	5.57%	0.477%
5	4.384	237	246	253	rBV2	144897	303548	1.87%	0.160%
6	4.596	278	282	287	rVB	114473	164010	1.01%	0.086%
7	4.737	299	306	317	rVV3	142151	289899	1.78%	0.153%
8	4.831	318	322	329	rVB	110934	175409	1.08%	0.092%
9	5.220	374	388	391	rBV	593420	1540728	9.47%	0.811%
10	5.290	395	400	412	rVB2	3060224	5448344	33.48%	2.867%
11	5.972	508	516	522	rBV	127782	209390	1.29%	0.110%
12	6.102	531	538	548	rVB	138114	288883	1.78%	0.152%
13	6.849	633	665	680	rBV3	3447183	12990120	79.82%	6.835%
14	7.008	685	692	700	rBV	182738	342610	2.11%	0.180%
15	7.625	786	797	800	rBV	141541	237398	1.46%	0.125%
16	7.672	800	805	812	rVB	1123546	1771075	10.88%	0.932%
17	8.284	897	909	921	rBV	555896	1329444	8.17%	0.700%
18	8.431	921	934	937	rBV	909658	1714587	10.54%	0.902%
19	8.461	937	939	944	rVB	418224	516238	3.17%	0.272%
20	8.766	985	991	993	rBV	130040	200465	1.23%	0.105%
21	8.813	993	999	1004	rVV	2959355	4842226	29.75%	2.548%
22	8.866	1004	1008	1016	rVB	367495	591161	3.63%	0.311%
23	9.078	1037	1044	1052	rBV	383861	640639	3.94%	0.337%
24	9.272	1071	1077	1085	rVB	161743	266590	1.64%	0.140%
25	9.378	1085	1095	1098	rBV5	89037	229521	1.41%	0.121%
26	9.455	1104	1108	1116	rVB5	89365	194049	1.19%	0.102%
27	9.708	1144	1151	1159	rVB	205354	450117	2.77%	0.237%
28	9.790	1159	1165	1173	rVB2	239155	362880	2.23%	0.191%
29	9.890	1173	1182	1186	rBV	629568	1396749	8.58%	0.735%
30	9.925	1186	1188	1195	rVV	240652	344154	2.11%	0.181%
31	9.996	1195	1200	1206	rVB3	100071	184943	1.14%	0.097%
32	10.184	1228	1232	1236	rVB	205559	274650	1.69%	0.145%
33	10.355	1256	1261	1269	rBV2	114324	219829	1.35%	0.116%
34	10.443	1269	1276	1284	rVB	1503328	2584240	15.88%	1.360%
35	10.719	1311	1323	1325	rBV7	77515	207139	1.27%	0.109%
36	10.990	1362	1369	1377	rBV	546440	1149935	7.07%	0.605%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026099.D
 Acq On : 11 Nov 2025 20:59
 Operator : RC/JU
 Sample : Q3584-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SEEP-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.102	1549	1558	1565	rBV	1124704	1841731	11.32%	0.969%
38	12.278	1579	1588	1594	rBV	1133546	2206939	13.56%	1.161%
39	12.672	1651	1655	1662	rVB4	108887	187890	1.15%	0.099%
40	12.825	1675	1681	1691	rBV10	111504	274854	1.69%	0.145%
41	12.925	1691	1698	1706	rBV	7203255	10746210	66.03%	5.655%
42	13.096	1723	1727	1732	rBV	160467	279163	1.72%	0.147%
43	13.219	1743	1748	1753	rBV	295665	446664	2.74%	0.235%
44	13.272	1753	1757	1761	rBV2	197295	317732	1.95%	0.167%
45	13.537	1797	1802	1810	rVB5	88417	217529	1.34%	0.114%
46	13.978	1873	1877	1881	rBV4	137581	208326	1.28%	0.110%
47	14.113	1896	1900	1904	rBV2	164525	247252	1.52%	0.130%
48	14.237	1917	1921	1926	rBV3	379684	591992	3.64%	0.312%
49	14.313	1926	1934	1947	rVB	2388982	4165029	25.59%	2.192%
50	14.990	2042	2049	2054	rBV4	168484	352288	2.16%	0.185%
51	15.084	2055	2065	2070	rBV2	1795598	3272615	20.11%	1.722%
52	15.401	2111	2119	2131	rBV	4222388	6999864	43.01%	3.683%
53	15.701	2165	2170	2180	rBV	1245846	1894811	11.64%	0.997%
54	15.831	2186	2192	2202	rVB2	6778875	9886331	60.75%	5.202%
55	16.019	2216	2224	2230	rVB2	360656	772787	4.75%	0.407%
56	16.278	2265	2268	2274	rVB	301579	440288	2.71%	0.232%
57	16.372	2280	2284	2288	rBV	387474	557228	3.42%	0.293%
58	16.537	2308	2312	2317	rBV2	461234	684117	4.20%	0.360%
59	16.631	2322	2328	2341	rVB	1847378	3255606	20.01%	1.713%
60	16.760	2347	2350	2355	rVB	228577	346020	2.13%	0.182%
61	16.931	2372	2379	2385	rVB	1246306	1892413	11.63%	0.996%
62	17.131	2407	2413	2419	rVB2	2854666	4404487	27.06%	2.318%
63	17.213	2420	2427	2435	rVV3	962463	1686178	10.36%	0.887%
64	17.284	2435	2439	2444	rVB	265430	409648	2.52%	0.216%
65	17.378	2452	2455	2464	rBV3	410246	748498	4.60%	0.394%
66	17.548	2480	2484	2489	rBV3	363095	533994	3.28%	0.281%
67	17.648	2496	2501	2512	rVB	2081437	3044802	18.71%	1.602%
68	17.801	2524	2527	2530	rBV4	113831	186491	1.15%	0.098%
69	18.095	2572	2577	2584	rBV	2247876	2970888	18.26%	1.563%
70	18.301	2608	2612	2621	rBV	2032511	3093552	19.01%	1.628%
71	19.160	2755	2758	2764	rBV2	194866	295226	1.81%	0.155%
72	19.360	2790	2792	2798	rVB	291179	316915	1.95%	0.167%
73	19.419	2799	2802	2807	rBV	606849	820028	5.04%	0.432%
74	19.654	2838	2842	2858	rBV2	1170149	2331799	14.33%	1.227%
75	19.872	2873	2879	2885	rBV	12152536	16273825	100.00%	8.563%
76	20.054	2908	2910	2914	rBV	215140	279019	1.71%	0.147%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.825	3037	3041	3045	rVB	1812063	2077370	12.77%	1.093%
78	20.878	3047	3050	3054	rBV2	271738	550875	3.39%	0.290%
79	21.272	3113	3117	3125	rVB	804692	1251286	7.69%	0.658%
80	21.577	3164	3169	3178	rVB	3485646	5252180	32.27%	2.764%
81	23.848	3549	3555	3573	rVB2	817573	2161184	13.28%	1.137%
82	24.818	3710	3720	3728	rBV	3510925	8519046	52.35%	4.483%
83	24.913	3728	3736	3750	rVB	2178561	5806114	35.68%	3.055%
84	25.971	3906	3916	3931	rVB4	3414422	10854473	66.70%	5.712%
85	27.348	4137	4150	4167	rVB2	3842807	13916316	85.51%	7.323%
86	28.995	4417	4430	4451	rVB2	1443074	6704161	41.20%	3.528%

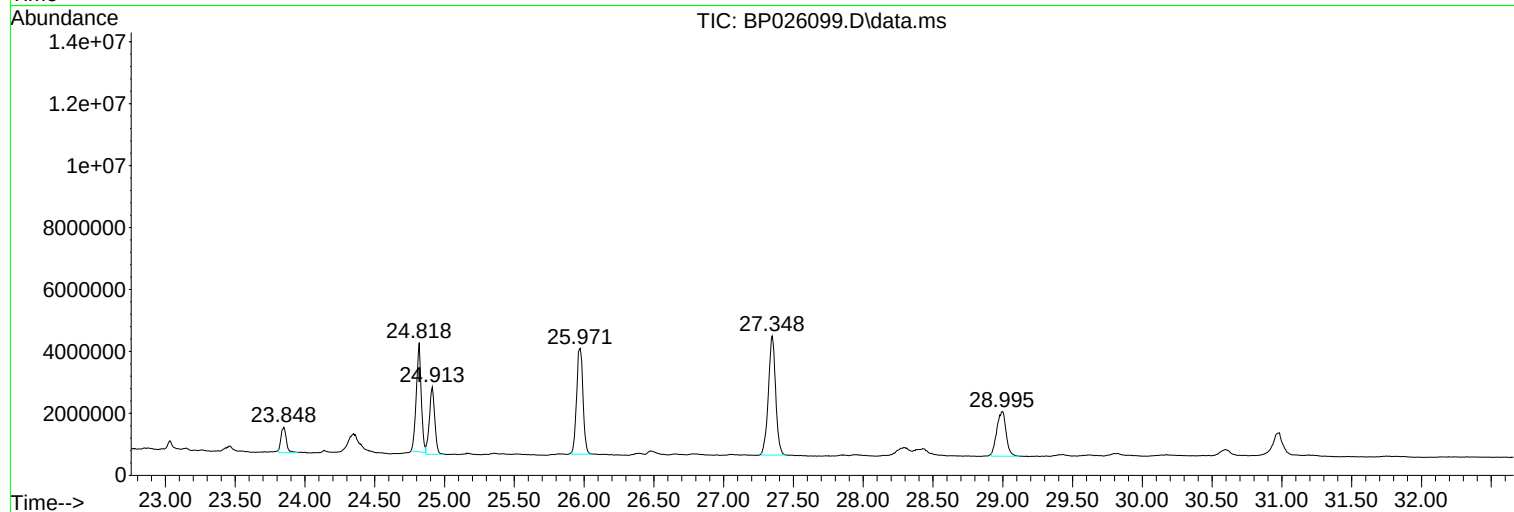
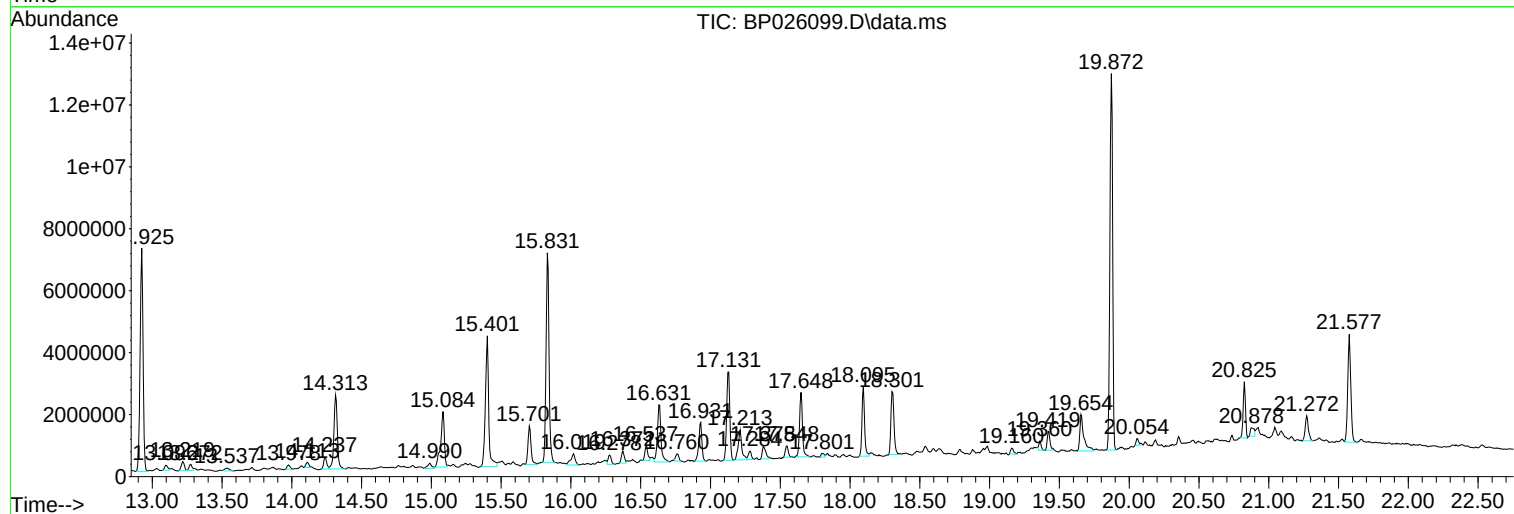
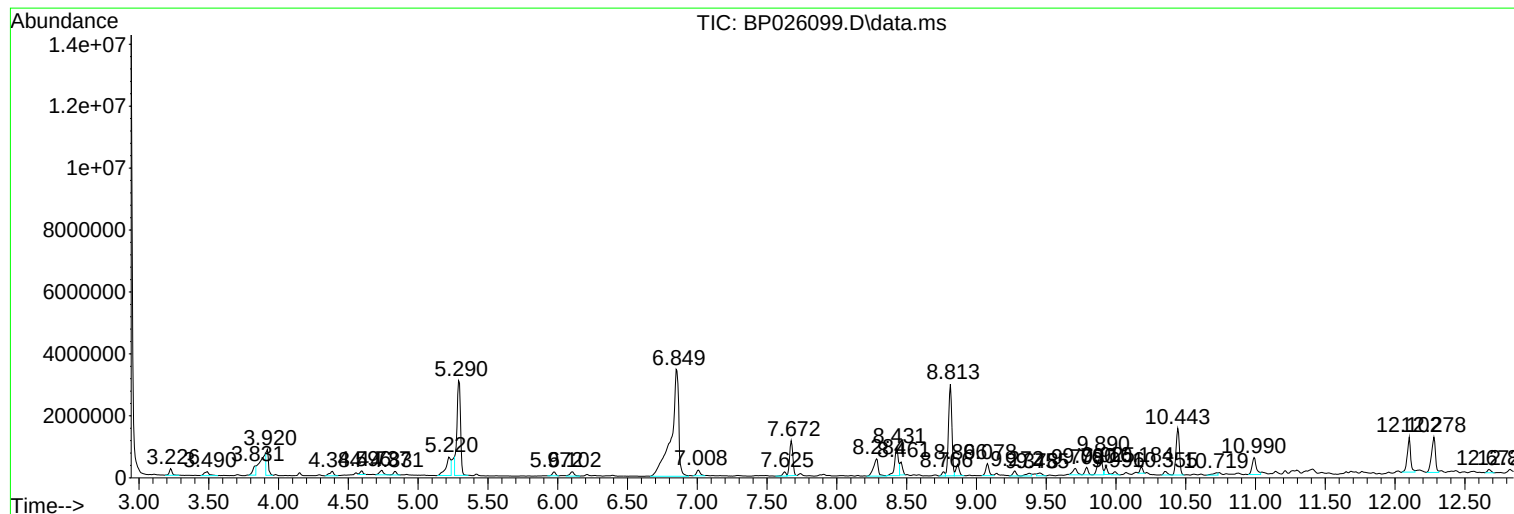
Sum of corrected areas: 190040806

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

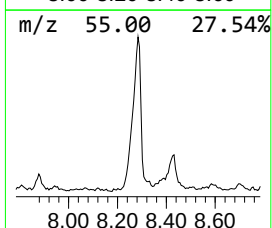
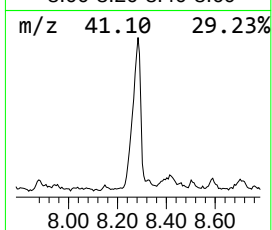
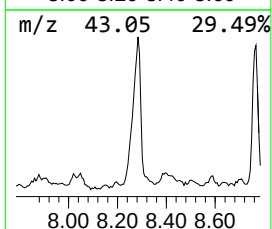
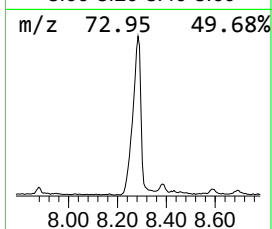
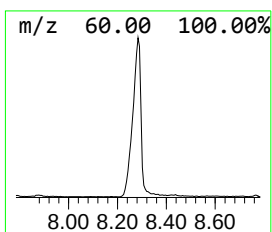
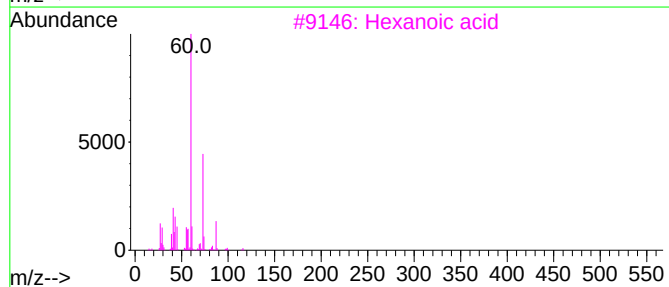
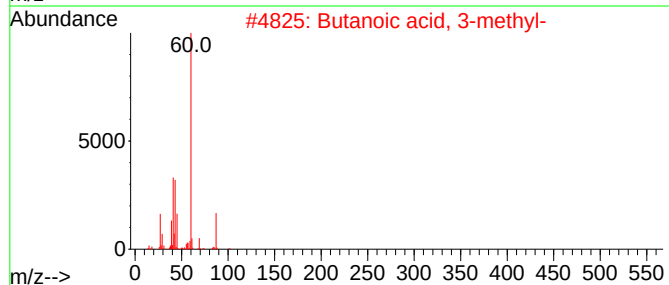
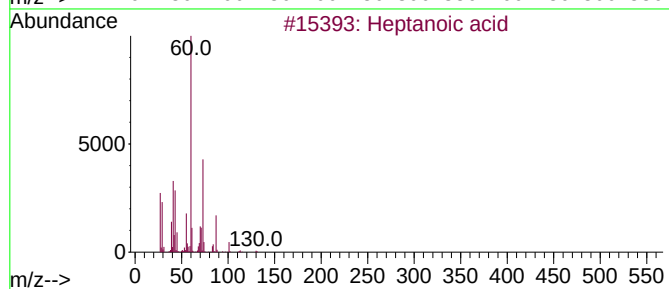
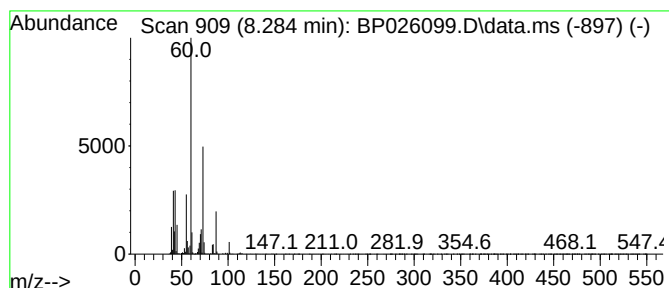
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.284	15.01 ng	1329440	1,4-Dichlorobenzene-d4	7.672

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptanoic acid	130	C7H14O2	000111-14-8	90
2			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	68
3			Hexanoic acid	116	C6H12O2	000142-62-1	64
4			Pentanoic acid	102	C5H10O2	000109-52-4	64
5			Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

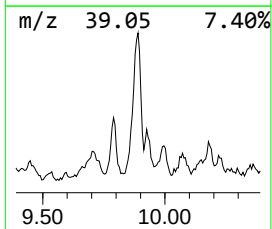
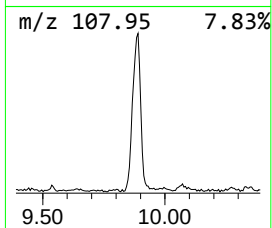
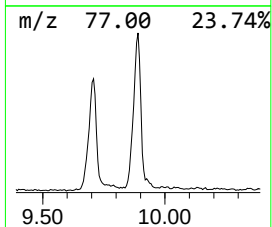
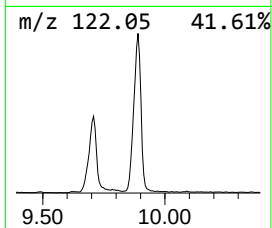
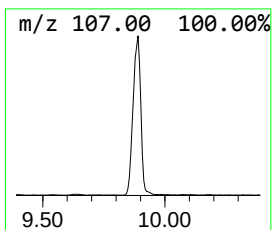
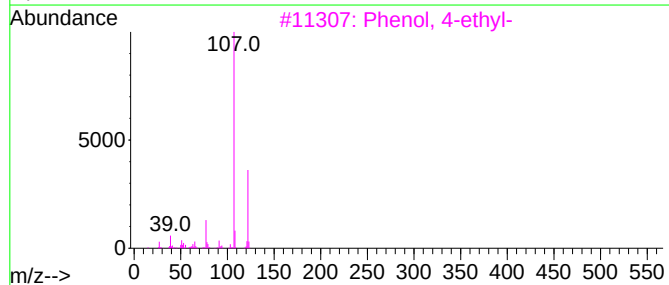
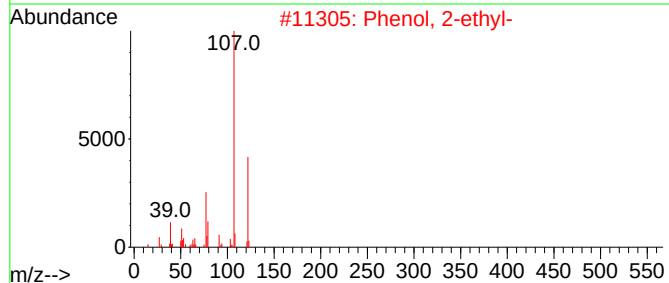
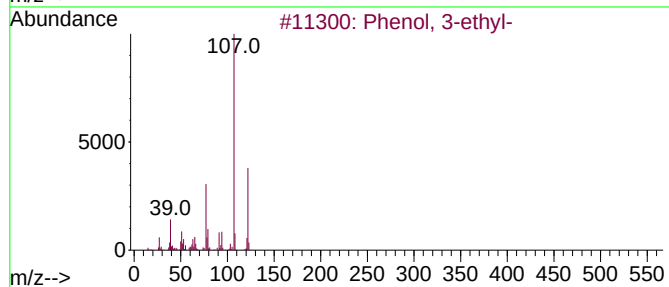
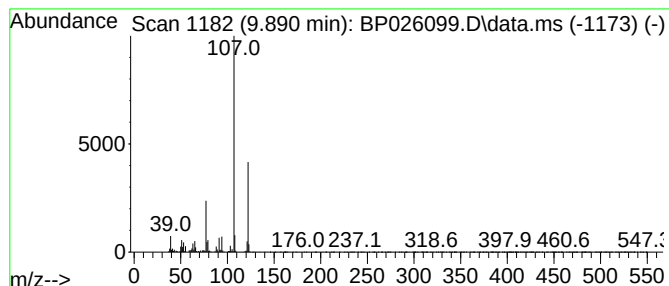
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenol, 3-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.890	10.81 ng	1396750	Naphthalene-d8	10.443

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 3-ethyl-	122	C8H10O	000620-17-7	95
2			Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
3			Phenol, 4-ethyl-	122	C8H10O	000123-07-9	90
4			Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	78
5			3,3-Dimethyl-6-methylenecyclohexene	122	C9H14	020185-16-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

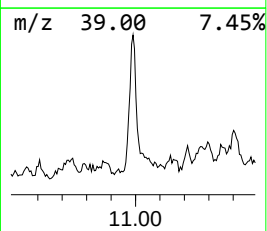
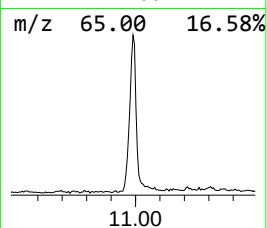
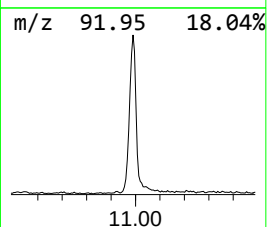
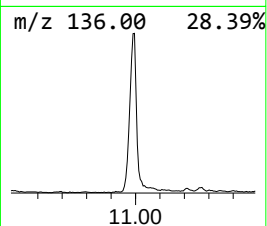
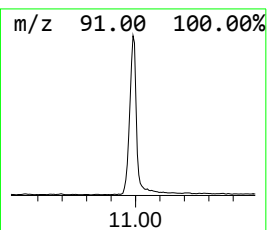
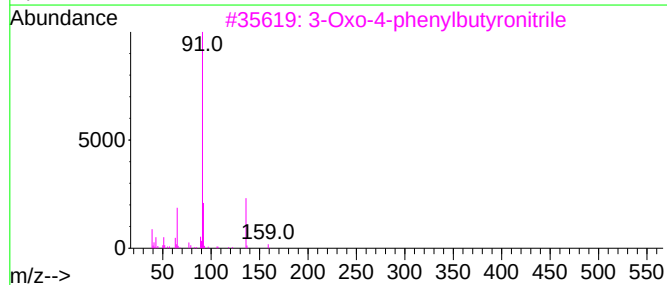
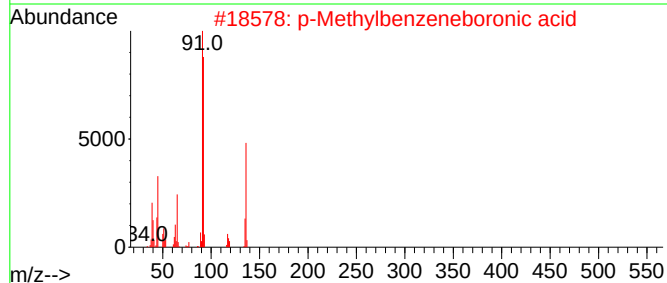
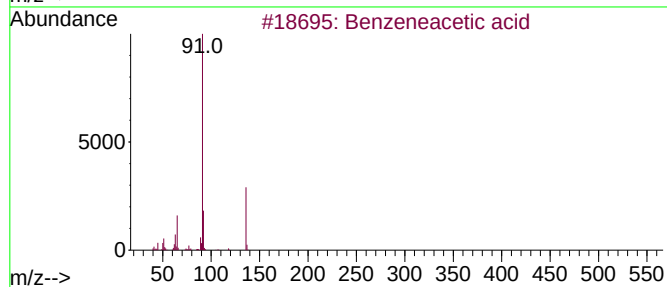
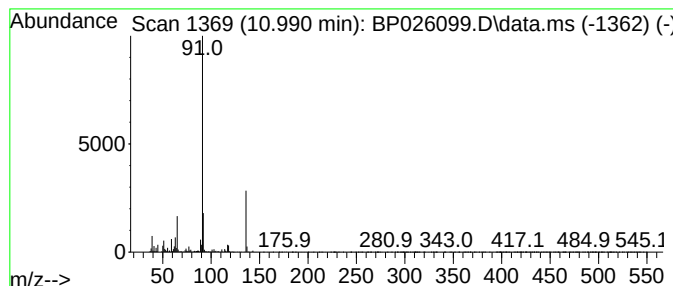
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzeneacetic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.990	8.90 ng	1149940	Naphthalene-d8	10.443

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneacetic acid	136	C8H8O2	000103-82-2	93
2			p-Methylbenzeneboronic acid	136	C7H9BO2	005720-05-8	52
3			3-Oxo-4-phenylbutyronitrile	159	C10H9NO	019212-27-2	43
4			4-Benzyloxybromobenzene	262	C13H11BrO	006793-92-6	43
5			Benzene, (iodomethyl)-	218	C7H7I	000620-05-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

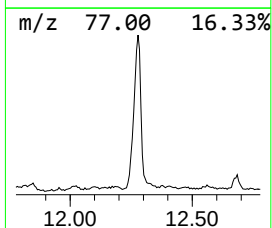
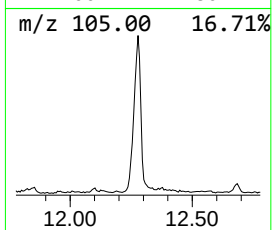
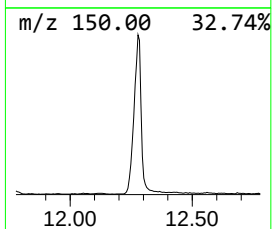
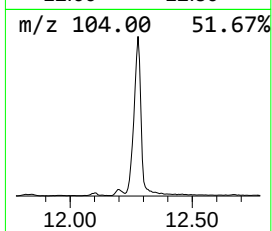
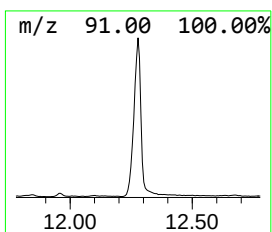
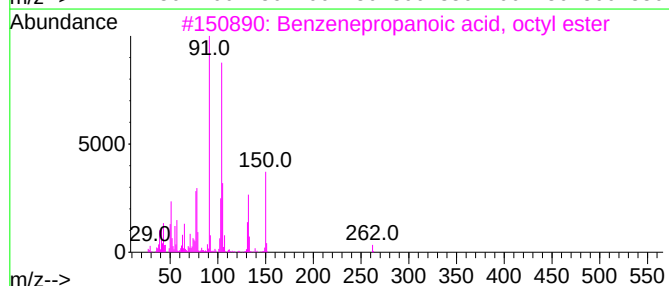
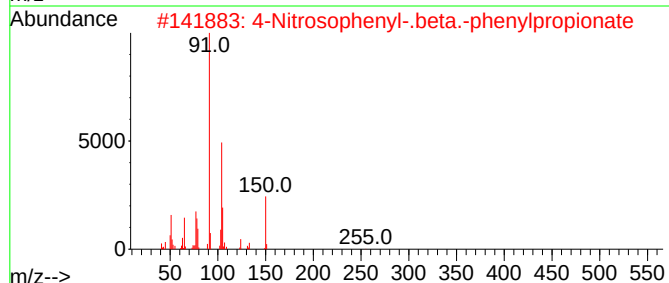
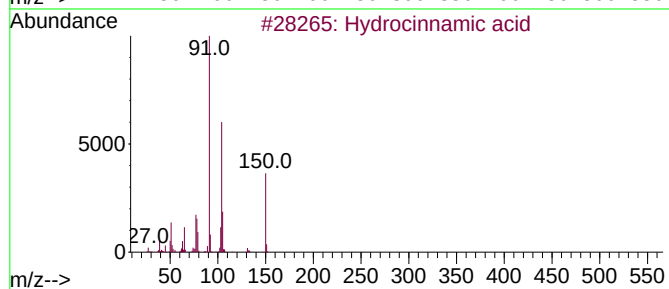
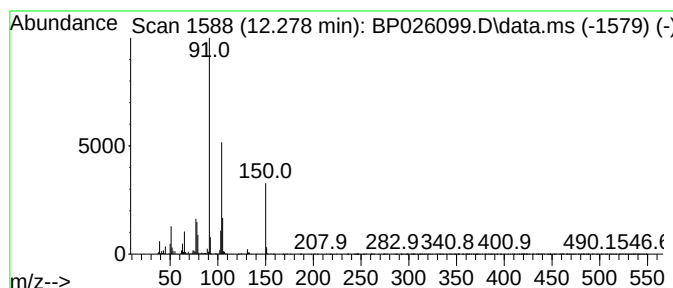
Instrument :
BNA_P
ClientSampleId :
SEEP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Hydrocinnamic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.278	17.08 ng	2206940	Naphthalene-d8	10.443	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrocinnamic acid	150	C9H10O2	000501-52-0	96
2	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	86
3	Benzenepropanoic acid, octyl ester	262	C17H26O2	037826-57-6	72
4	Benzenepropanoic acid, silver(1+...	256	C9H9AgO2	075112-79-7	53
5	2-Methylbenzyl alcohol, trifluor...	218	C10H9F3O2	1000364-57-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

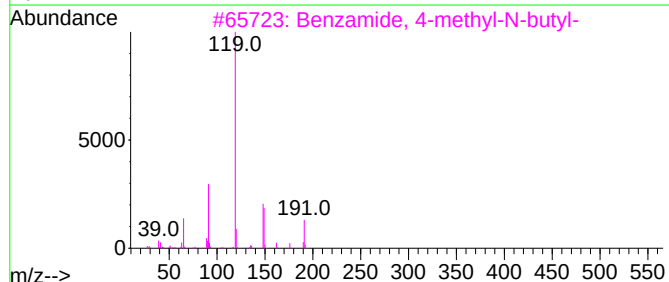
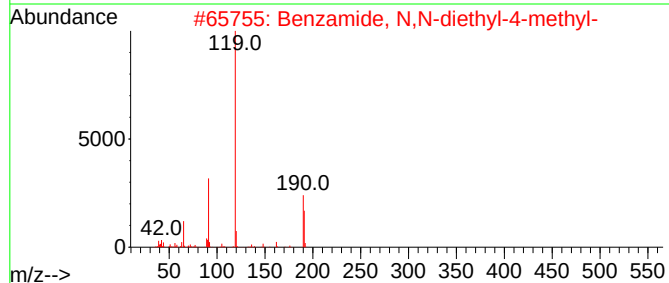
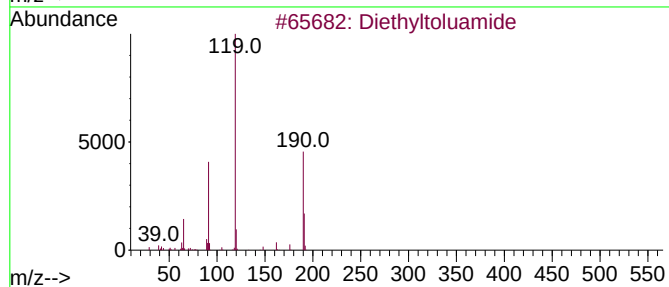
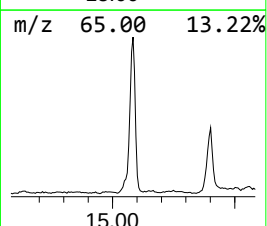
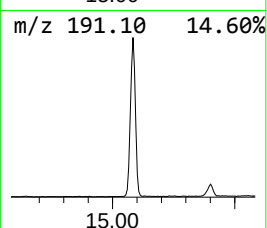
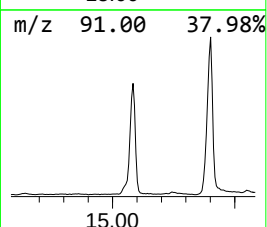
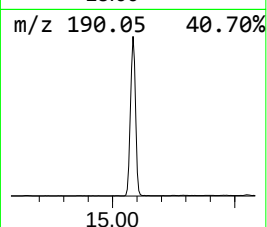
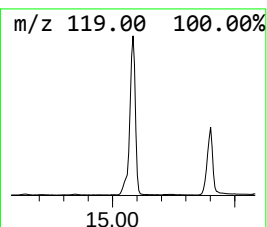
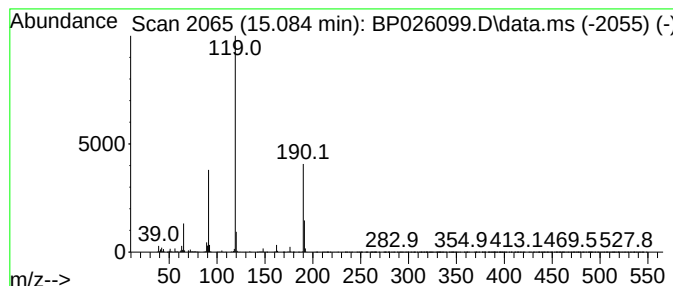
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Diethyltoluamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.084	15.71 ng	3272620	Acenaphthene-d10	14.313

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethyltoluamide	191	C12H17NO	000134-62-3	96
2			Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	93
3			Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	76
4			Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	76
5			Benzamide, 2-methyl-N-methyl-N-p...	191	C12H17NO	1000421-44-4	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

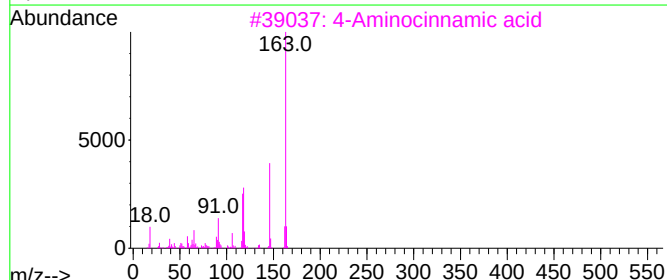
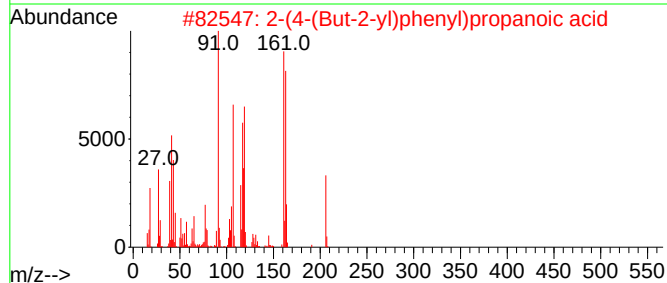
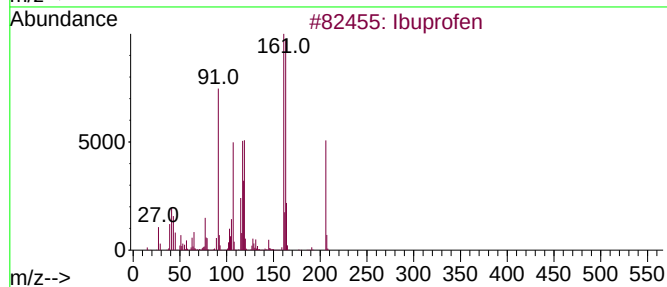
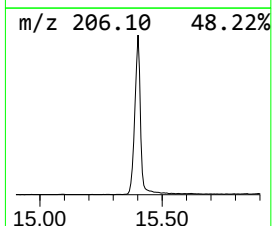
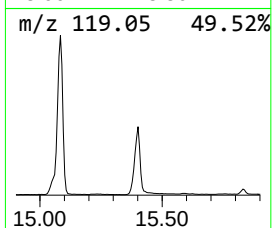
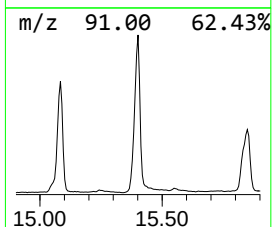
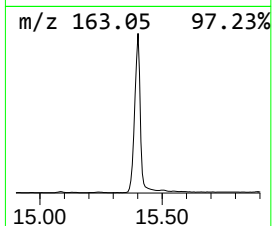
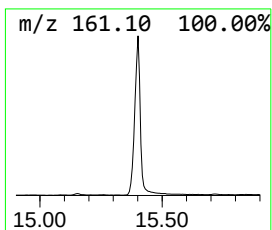
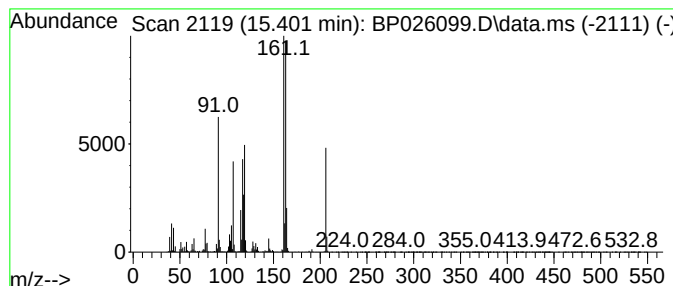
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Ibuprofen Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.401	33.61 ng	6999860	Acenaphthene-d10	14.313

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ibuprofen	206	C13H18O2	015687-27-1	99
2			2-(4-(But-2-yl)phenyl)propanoic ...	206	C13H18O2	064451-76-9	98
3			4-Aminocinnamic acid	163	C9H9NO2	002393-18-2	22
4			Thiocoumarin, 4,4,6-trimethyl-	206	C12H14OS	1000132-62-4	22
5			3-(3-Thienyl)pyridine	161	C9H7NS	021308-81-6	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

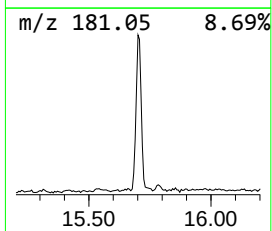
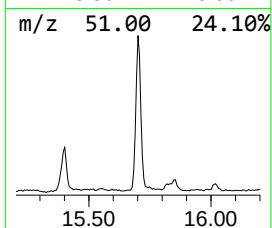
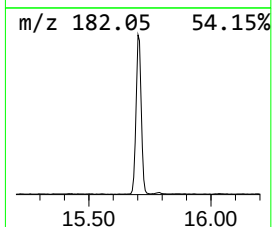
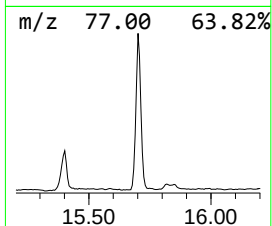
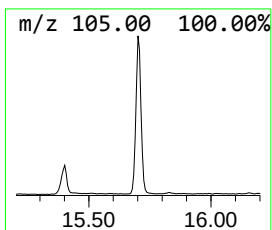
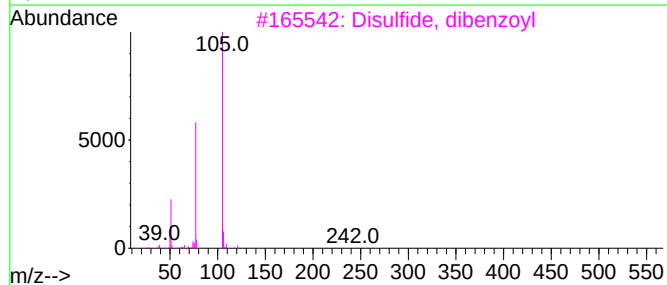
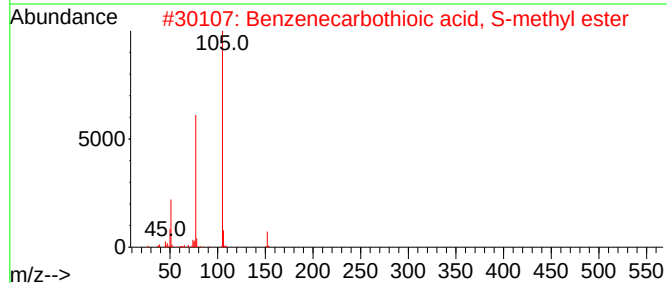
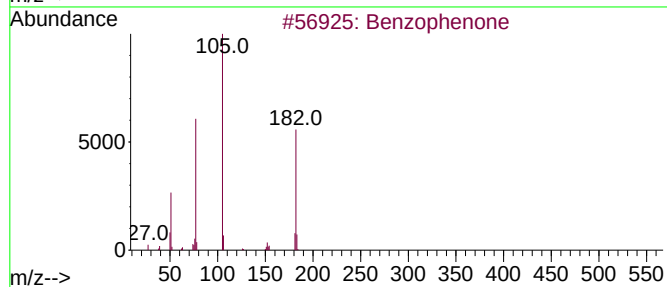
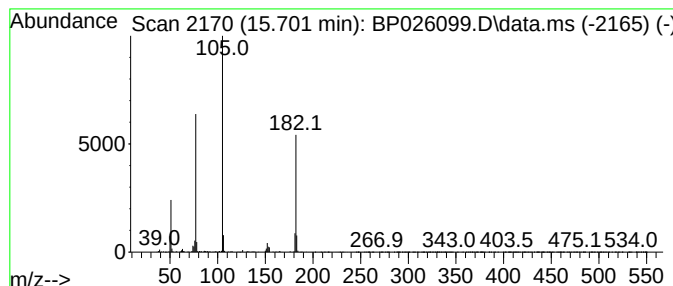
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.701	9.10 ng	1894810	Acenaphthene-d10	14.313

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
3			Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	47
4			acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47
5			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

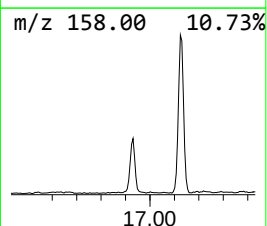
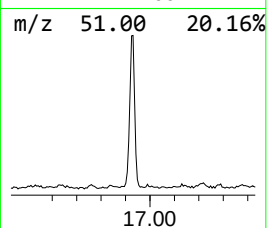
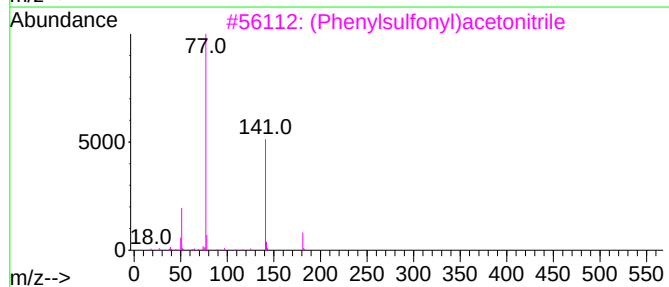
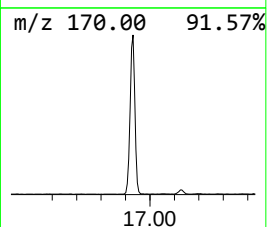
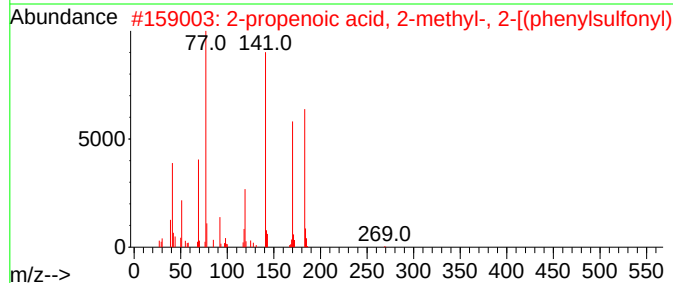
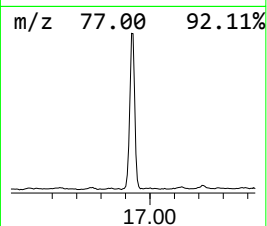
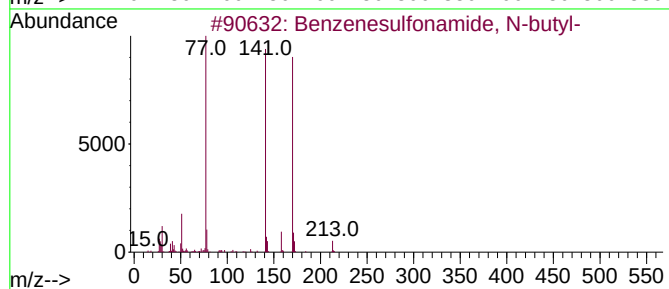
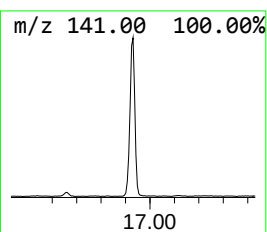
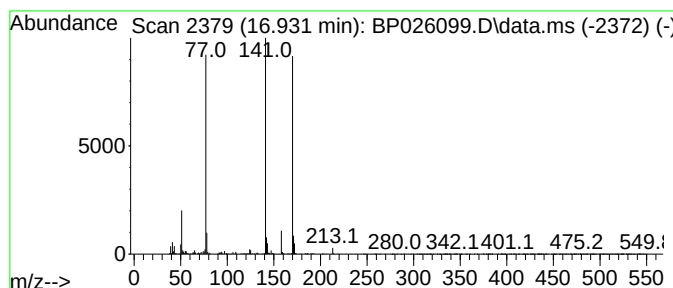
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzenesulfonamide, N-butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.931	8.59 ng	1892410	Phenanthrene-d10	17.131

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	90
2			2-propenoic acid, 2-methyl-, 2-[(phenylsulfonyl)acetonitrile	269	C12H15NO4S	1000401-71-8	64
3			(Phenylsulfonyl)acetonitrile	181	C8H7NO2S	007605-28-9	47
4			N-hexylbenzenesulfonamide	241	C12H19NO2S	007250-80-8	43
5			N-(2-Pyrazinyl)benzenesulfonamide	235	C10H9N3O2S	007471-20-7	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

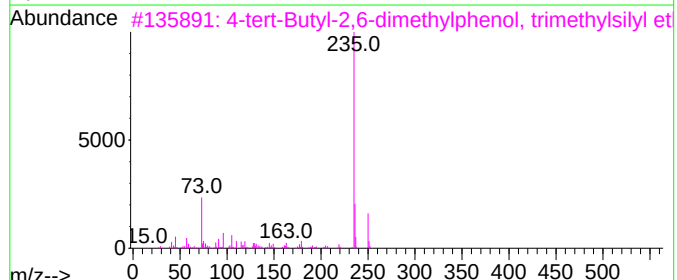
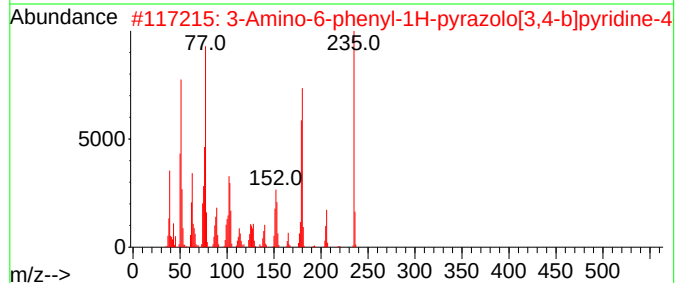
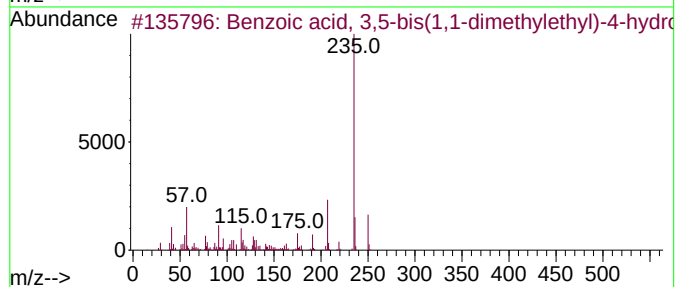
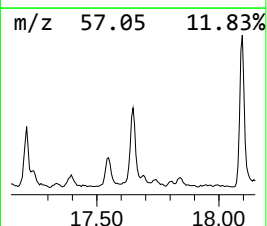
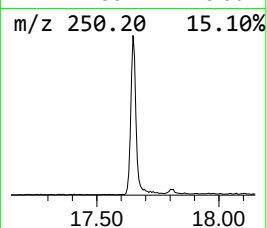
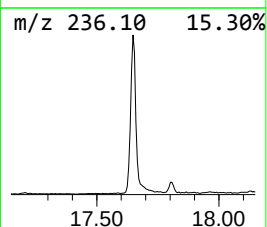
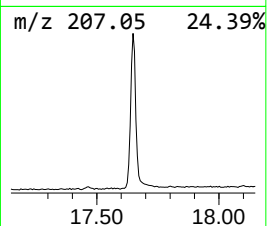
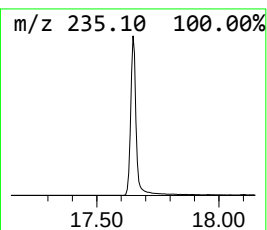
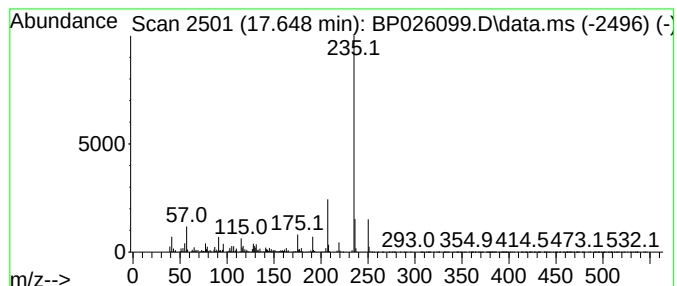
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benzoic acid, 3,5-bis(1,1-d... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.648	13.83 ng	3044800	Phenanthrene-d10	17.131

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	96
2			3-Amino-6-phenyl-1H-pyrazolo[3,4...	235	C13H9N5	1000410-58-2	90
3			4-tert-Butyl-2,6-dimethylphenol,...	250	C15H26OSi	1000495-37-2	70
4			Hexobarbital-2(or 4)-methyl deri...	250	C13H18N2O3	1000123-51-5	59
5			6,7,8,9-Tetrahydro-1,2,3-trimeth...	250	C15H22O3	1000242-60-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

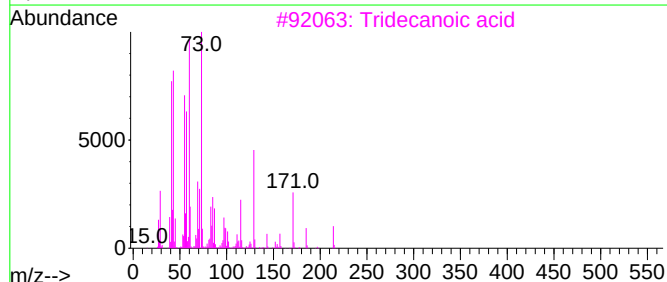
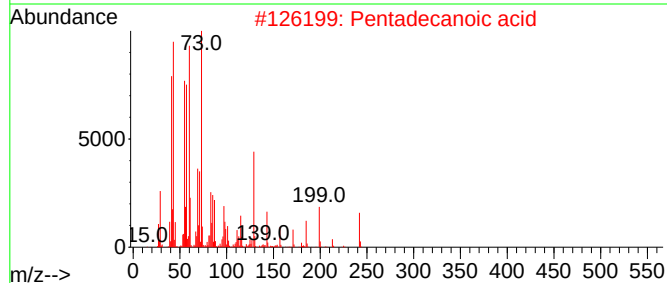
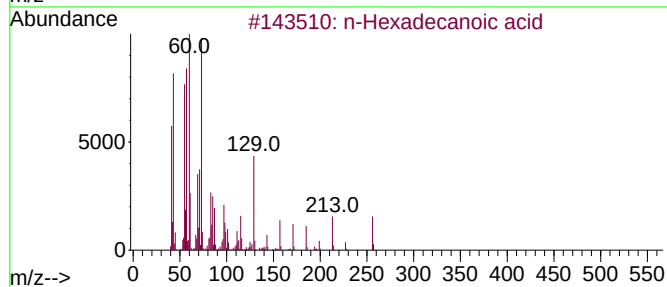
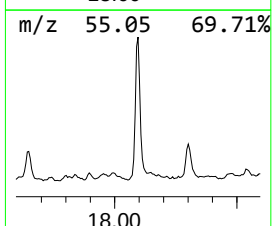
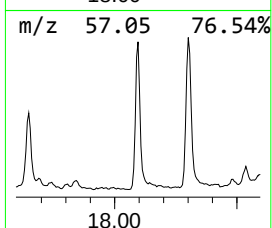
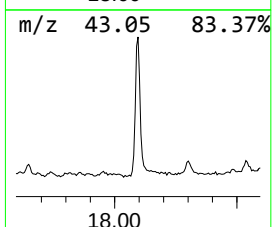
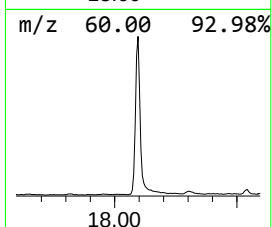
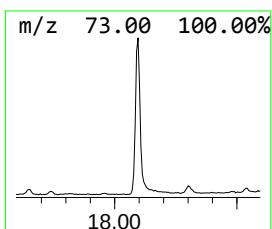
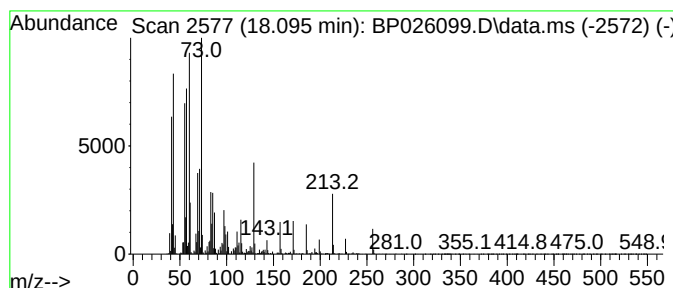
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.095	13.49 ng	2970890	Phenanthrene-d10	17.131

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Undecanoic acid	186	C11H22O2	000112-37-8	59
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

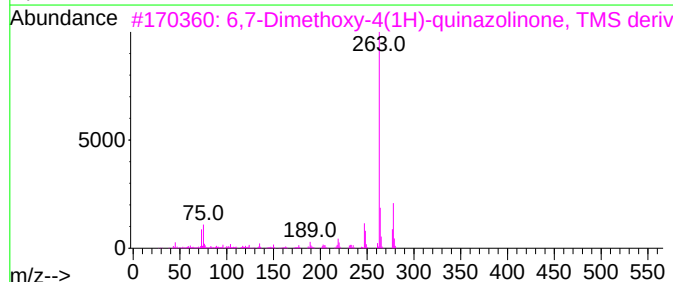
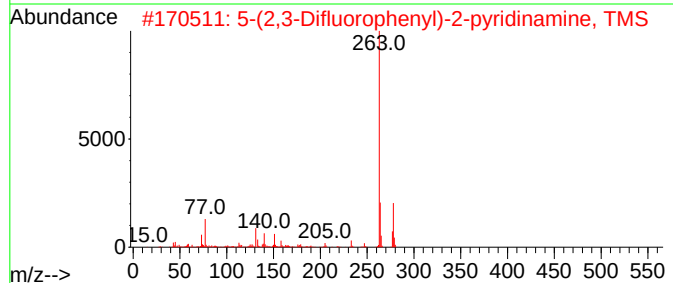
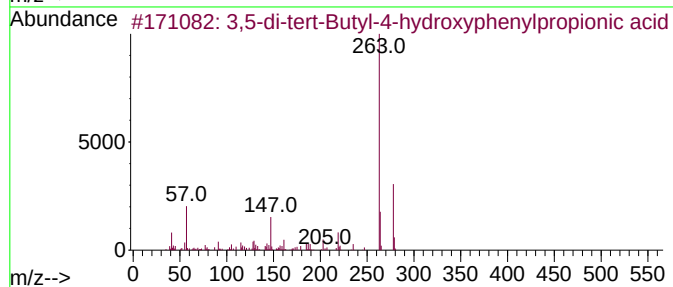
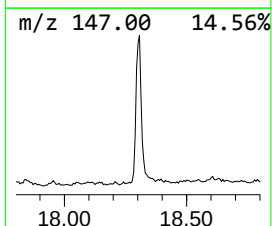
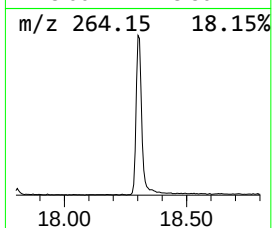
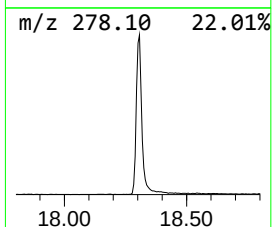
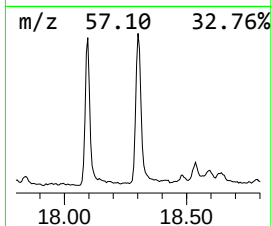
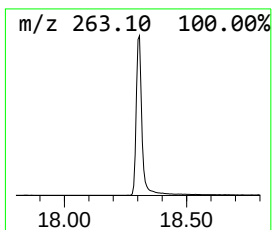
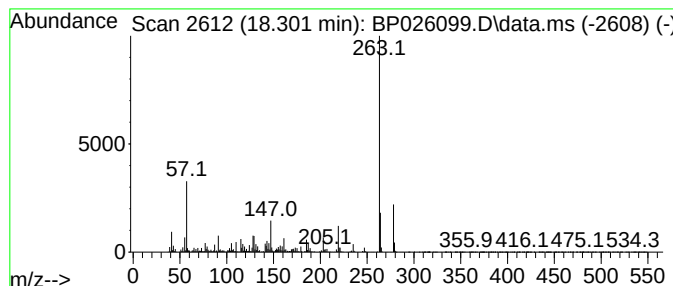
Instrument :
BNA_P
ClientSampleId :
SEEP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.301	14.05 ng	3093550	Phenanthrene-d10		17.131	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...		278	C17H26O3	020170-32-5	94
2	5-(2,3-Difluorophenyl)-2-pyridin...		278	C14H16F2N2Si	1000504-49-4	74
3	6,7-Dimethoxy-4(1H)-quinazolinon...		278	C13H18N2O3Si	1000479-65-5	72
4	4,6-Dinitro-1,1,3,3,5-pentamethy...		278	C14H18N2O4	000116-66-5	64
5	Cyanic acid, (1-methylethylidene...		278	C17H14N2O2	001156-51-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

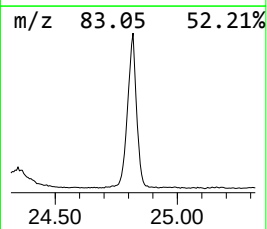
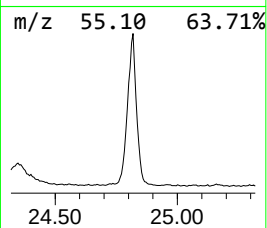
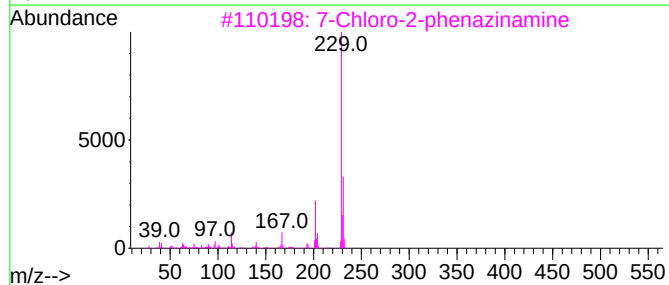
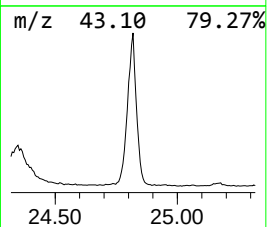
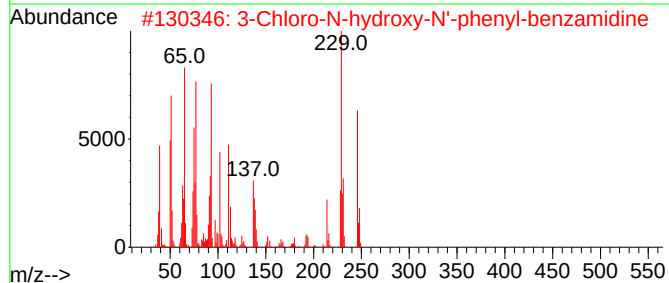
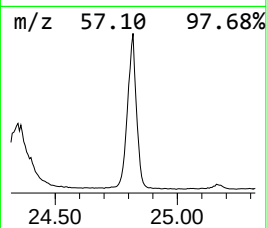
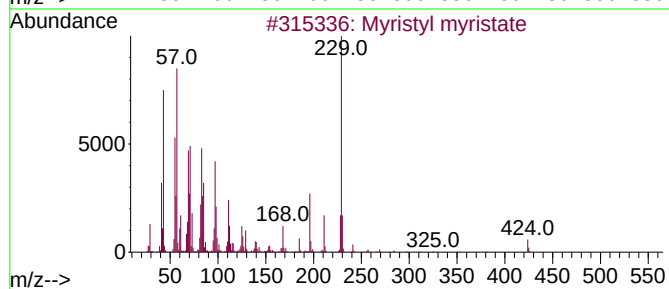
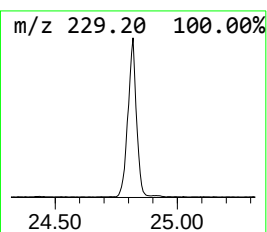
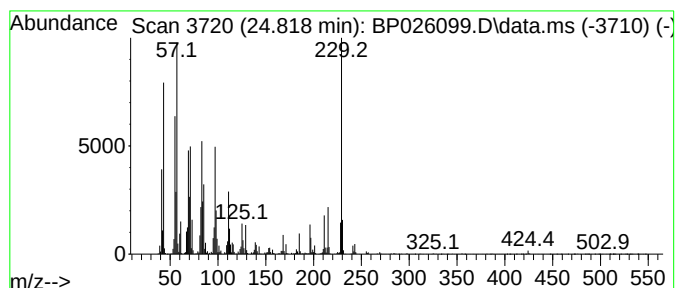
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Myristyl myristate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.819	29.35 ng	8519050	Perylene-d12	24.913

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Myristyl myristate	424	C28H56O2	003234-85-3	93
2			3-Chloro-N-hydroxy-N'-phenyl-ben...	246	C13H11ClN2O	1000296-73-8	22
3			7-Chloro-2-phenazamine	229	C12H8ClN3	023677-11-4	22
4			10H-Phenothiazine, 3-methoxy-	229	C13H11NOS	001771-19-3	18
5			Glutaric acid, 2,2,3,3-tetraflu...	398	C19H30F4O4	1000394-01-1	16



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

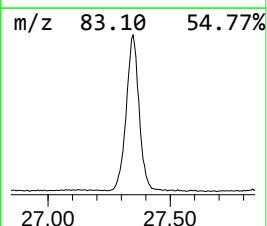
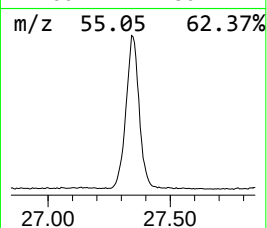
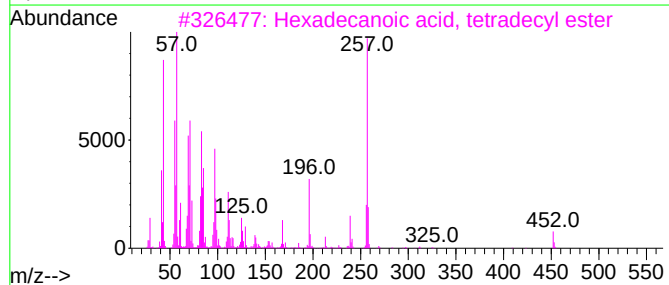
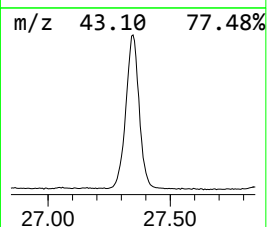
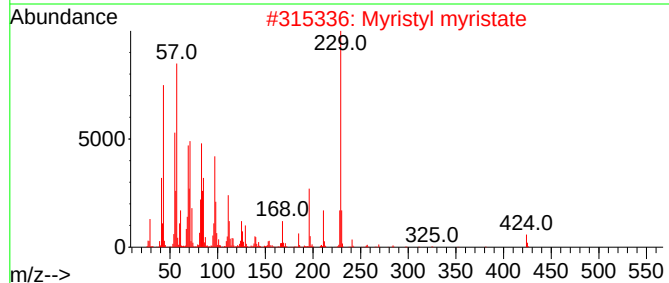
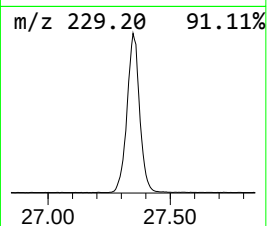
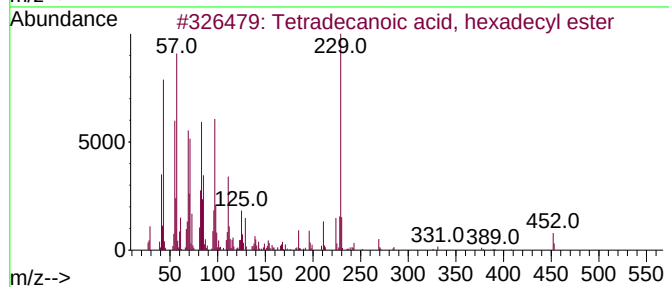
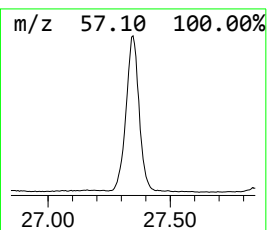
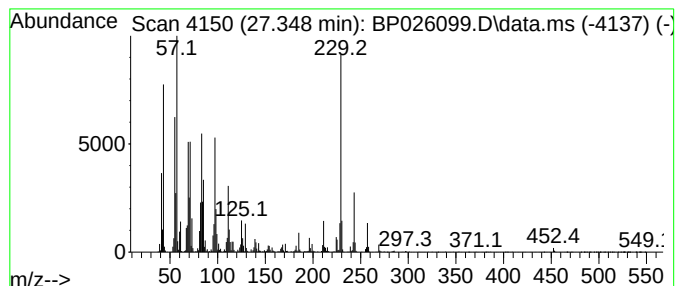
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tetradecanoic acid, hexadec... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.348	47.94 ng	13916300	Perylene-d12	24.913

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid, hexadecyl ester	452	C30H60O2	002599-01-1	93
2			Myristyl myristate	424	C28H56O2	003234-85-3	87
3			Hexadecanoic acid, tetradecyl ester	452	C30H60O2	004536-26-9	38
4			6-Methyl-2-(methylthio)-4-pyrimi...	244	C9H16N2S2Si	1000479-10-2	18
5			10H-Phenothiazine, 3-methoxy-	229	C13H11NOS	001771-19-3	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

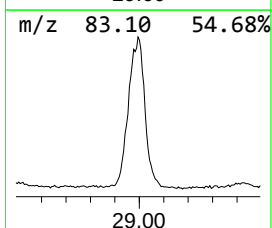
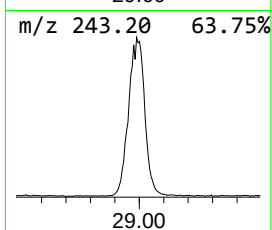
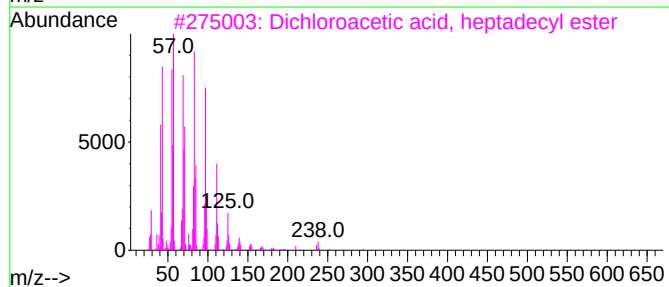
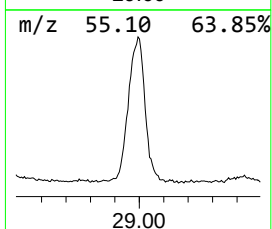
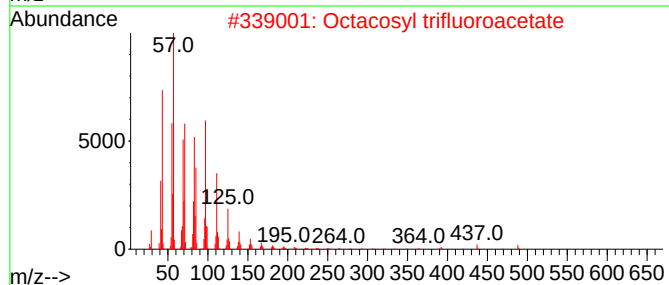
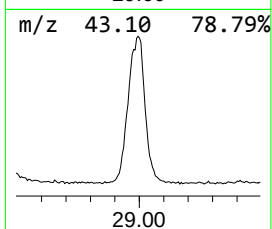
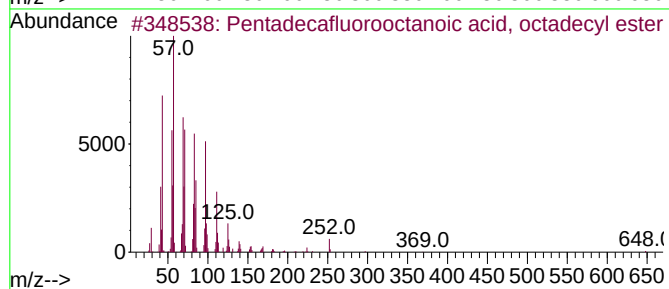
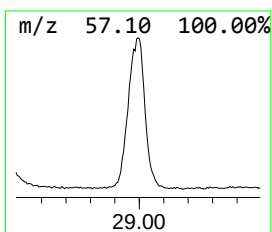
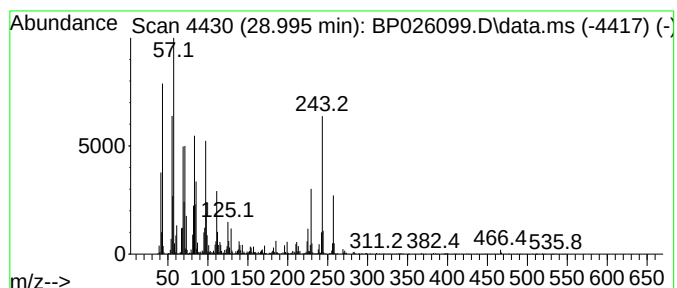
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Pentadecafluorooctanoic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.995	23.09 ng	6704160	Perylene-d12	24.913

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
2		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
4		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	87
5		Hexadecyl pentadecanoate	466	C31H62O2	036617-33-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026099.D
Acq On : 11 Nov 2025 20:59
Operator : RC/JU
Sample : Q3584-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SEEP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Heptanoic acid	8.284	15.0	ng	1329440	1	7.672	1771080	20.0
Phenol, 3-ethyl-	9.890	10.8	ng	1396750	2	10.443	2584240	20.0
Benzeneacetic acid	10.990	8.9	ng	1149940	2	10.443	2584240	20.0
Hydrocinnamic acid	12.278	17.1	ng	2206940	2	10.443	2584240	20.0
Diethyltoluamide	15.084	15.7	ng	3272620	3	14.313	4165030	20.0
Ibuprofen	15.401	33.6	ng	6999860	3	14.313	4165030	20.0
Benzophenone	15.701	9.1	ng	1894810	3	14.313	4165030	20.0
Benzenesulfonam...	16.931	8.6	ng	1892410	4	17.131	4404490	20.0
Benzoic acid, 3...	17.648	13.8	ng	3044800	4	17.131	4404490	20.0
n-Hexadecanoic ...	18.095	13.5	ng	2970890	4	17.131	4404490	20.0
3,5-di-tert-But...	18.301	14.1	ng	3093550	4	17.131	4404490	20.0
Myristyl myristate	24.819	29.4	ng	8519050	6	24.913	5806110	20.0
Tetradecanoic a...	27.348	47.9	ng	13916300	6	24.913	5806110	20.0
Pentadecafluoro...	28.995	23.1	ng	6704160	6	24.913	5806110	20.0



CALIBRATION SUMMARY



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: REMI02Lab Code: ACESDG No.: Q3584Instrument ID: BNA_FCalibration Date(s): 11/05/2025 11/05/2025Calibration Time(s): 12:50 16:49

LAB FILE ID:		RRF2.5 = BF144169.D			RRF005 = BF144170.D		RRF010 = BF144171.D	
		RRF020 = BF144172.D			RRF040 = BF144173.D		RRF050 = BF144174.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.278	5.6
Benzaldehyde			1.033	0.917	0.816	0.672	0.818	17.0
Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.448	7.1
Phenol		1.845	1.896	1.840	1.858	1.562	1.769	7.6
bis(2-Chloroethyl) ether		1.278	1.333	1.342	1.316	1.155	1.289	5.2
2-Chlorophenol		1.242	1.309	1.292	1.281	1.152	1.253	4.6
2-Methylphenol		1.031	1.054	1.007	1.033	0.895	0.997	5.4
2,2-oxybis(1-Chloropropane)		2.408	2.470	2.496	2.418	2.147	2.374	5.5
Acetophenone		0.479	0.464	0.434	0.434	0.380	0.429	8.3
3+4-Methylphenols			1.330	1.223	1.215	1.030	1.175	9.2
n-Nitroso-di-n-propylamine	0.998	1.010	1.023	0.996	0.950	0.813	0.953	7.4
Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.346	4.1
Hexachloroethane		0.512	0.513	0.532	0.532	0.467	0.515	4.9
Nitrobenzene		0.370	0.390	0.376	0.388	0.342	0.376	4.9
Isophorone		0.659	0.668	0.669	0.673	0.581	0.655	5.1
2-Nitrophenol		0.167	0.187	0.191	0.197	0.174	0.186	6.5
2,4-Dimethylphenol		0.281	0.278	0.265	0.298	0.260	0.279	5.1
bis(2-Chloroethoxy) methane		0.426	0.417	0.412	0.423	0.372	0.409	5.0
2,4-Dichlorophenol		0.334	0.342	0.330	0.331	0.289	0.322	6.2
Naphthalene		1.019	1.008	0.982	0.969	0.850	0.951	6.7
4-Chloroaniline		0.358	0.364	0.355	0.362	0.309	0.347	6.1
Hexachlorobutadiene		0.256	0.250	0.252	0.259	0.232	0.249	4.0
Caprolactam			0.094	0.093	0.092	0.075	0.088	8.1
4-Chloro-3-methylphenol		0.283	0.307	0.304	0.297	0.259	0.288	5.8
2-Methylnaphthalene		0.702	0.672	0.665	0.647	0.559	0.636	8.0
Hexachlorocyclopentadiene			0.121	0.142	0.200	0.204	0.195	27.8
2,4,6-Trichlorophenol		0.440	0.449	0.449	0.456	0.409	0.446	5.5
2-Fluorobiphenyl		1.598	1.428	1.361	1.350	1.177	1.354	10.7
2,4,5-Trichlorophenol		0.497	0.489	0.497	0.489	0.438	0.481	5.1
1,1-Biphenyl		1.535	1.446	1.425	1.408	1.239	1.396	7.5
2-Chloronaphthalene		1.303	1.216	1.206	1.204	1.068	1.191	7.1
2-Nitroaniline		0.302	0.347	0.349	0.361	0.326	0.344	6.8
Dimethylphthalate		1.437	1.343	1.359	1.345	1.168	1.325	6.7
Acenaphthylene		1.727	1.686	1.677	1.645	1.440	1.623	6.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: REMI02Lab Code: ACESDG No.: Q3584Instrument ID: BNA_FCalibration Date(s): 11/05/2025 11/05/2025Calibration Time(s): 12:50 16:49

LAB FILE ID:		RRF2.5 = BF144169.D			RRF005 = BF144170.D		RRF010 = BF144171.D	
		RRF020 = BF144172.D			RRF040 = BF144173.D		RRF050 = BF144174.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.251	0.271	0.271	0.276	0.252	0.268	5.2
3-Nitroaniline		0.271	0.301	0.302	0.315	0.264	0.293	7.1
Acenaphthene		1.138	1.162	1.120	1.096	0.956	1.085	6.9
2,4-Dinitrophenol			0.202	0.166	0.140	0.133	0.162	15.0
4-Nitrophenol			0.273	0.202	0.204	0.185	0.212	14.6
Dibenzofuran		1.644	1.600	1.586	1.551	1.337	1.520	8.0
2,4-Dinitrotoluene		0.322	0.377	0.372	0.385	0.328	0.359	7.1
Diethylphthalate		1.294	1.273	1.254	1.254	1.075	1.221	6.3
4-Chlorophenyl-phenylether		0.711	0.701	0.678	0.685	0.570	0.658	7.9
Fluorene		1.295	1.223	1.197	1.180	0.997	1.156	8.9
4-Nitroaniline		0.273	0.290	0.293	0.288	0.254	0.279	5.1
4,6-Dinitro-2-methylphenol			0.147	0.138	0.130	0.120	0.136	7.0
n-Nitrosodiphenylamine		0.695	0.676	0.635	0.646	0.577	0.643	6.1
2,4,6-Tribromophenol		0.242	0.257	0.257	0.265	0.227	0.251	5.3
4-Bromophenyl-phenylether		0.264	0.260	0.255	0.263	0.228	0.255	5.2
Hexachlorobenzene		0.306	0.306	0.305	0.300	0.273	0.301	4.7
Atrazine		0.215	0.211	0.215	0.206	0.180	0.205	6.3
Pentachlorophenol			0.135	0.144	0.156	0.137	0.150	8.8
Phenanthrene		1.103	1.042	0.986	1.009	0.892	0.996	6.9
Anthracene		1.120	1.059	1.027	1.022	0.897	1.013	7.4
Carbazole		0.938	0.917	0.882	0.878	0.762	0.861	7.4
Di-n-butylphthalate		1.075	1.101	1.077	1.070	0.917	1.041	6.3
Fluoranthene		1.117	1.066	1.053	1.054	0.910	1.029	6.8
Pyrene		1.763	1.745	1.631	1.704	1.372	1.613	8.8
Terphenyl-d14		1.403	1.415	1.274	1.317	1.042	1.259	10.7
Butylbenzylphthalate		0.565	0.590	0.550	0.590	0.499	0.559	5.6
3,3-Dichlorobenzidine			0.453	0.461	0.482	0.441	0.475	6.8
Benzo (a) anthracene		1.455	1.340	1.330	1.430	1.290	1.386	5.4
Chrysene		1.276	1.245	1.279	1.403	1.164	1.280	5.7
Bis (2-ethylhexyl) phthalate		0.773	0.739	0.755	0.816	0.705	0.765	4.9
Di-n-octyl phthalate			1.163	1.272	1.410	1.269	1.320	7.9
Benzo (b) fluoranthene		1.199	1.133	1.114	1.233	1.002	1.137	6.4
Benzo (k) fluoranthene		1.077	1.094	1.083	1.041	0.999	1.064	4.4
Benzo (a) pyrene		1.064	1.050	1.058	1.077	0.963	1.049	4.2
Indeno (1,2,3-cd) pyrene		1.450	1.411	1.447	1.485	1.311	1.436	4.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: REMI02Lab Code: ACESDG No.: Q3584Instrument ID: BNA_FCalibration Date(s): 11/05/2025 11/05/2025Calibration Time(s): 12:50 16:49

LAB FILE ID:		RRF2.5 = BF144169.D		RRF005 = BF144170.D		RRF010 = BF144171.D		
		RRF020 = BF144172.D		RRF040 = BF144173.D		RRF050 = BF144174.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.155	1.155	1.175	1.198	1.040	1.153	4.8
Benzo(g,h,i)perylene		1.095	1.125	1.153	1.191	1.028	1.139	5.7
1,2,4,5-Tetrachlorobenzene		0.677	0.662	0.659	0.675	0.588	0.655	6.6
1,4-Dioxane		0.526	0.487	0.518	0.554	0.500	0.528	5.7
2,3,4,6-Tetrachlorophenol		0.308	0.347	0.336	0.358	0.316	0.340	6.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF110525.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Nov 05 18:37:33 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF144169.D 5 =BF144170.D 10 =BF144171.D 20 =BF144172.D 40 =BF144173.D 50 =BF144174.D 60 =BF144175.D 80 =BF144176.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane		0.526	0.487	0.518	0.554	0.500	0.573	0.540	0.528	5.68
3)	Pyridine		1.374	1.406	1.491	1.520	1.378	1.607	1.543	1.474	6.12
4)	n-Nitrosodimet...			0.719	0.726	0.775	0.723	0.868	0.810	0.770	7.79
5) S	2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.330	1.193	1.278	5.62
6)	Aniline		2.194	2.169	2.114	2.067	1.841	2.139	1.920	2.063	6.46
7) S	Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.461	1.339	1.448	7.08
8)	2-Chlorophenol		1.242	1.309	1.292	1.281	1.152	1.293	1.204	1.253	4.59
9)	Benzaldehyde			1.033	0.917	0.816	0.672	0.786	0.683	0.818	16.99
10) C	Phenol		1.845	1.896	1.840	1.858	1.562	1.790	1.594	1.769	7.60
11)	bis(2-Chloroet...		1.278	1.333	1.342	1.316	1.155	1.341	1.259	1.289	5.22
12)	1,3-Dichlorobe...		1.677	1.573	1.583	1.541	1.397	1.586	1.468	1.547	5.86
13) C	1,4-Dichlorobe...		1.669	1.563	1.583	1.591	1.372	1.604	1.464	1.549	6.40
14)	1,2-Dichlorobe...		1.651	1.510	1.488	1.485	1.325	1.533	1.404	1.485	6.88
15)	Benzyl Alcohol			1.140	1.188	1.161	1.050	1.197	1.145	1.147	4.61
16)	2,2'-oxybis(1-...		2.408	2.470	2.496	2.418	2.147	2.442	2.238	2.374	5.50
17)	2-Methylphenol		1.031	1.054	1.007	1.033	0.895	1.002	0.958	0.997	5.44
18)	Hexachloroethane		0.512	0.513	0.532	0.532	0.467	0.543	0.504	0.515	4.90
19) P	n-Nitroso-di-n...	0.998	1.010	1.023	0.996	0.950	0.813	0.937	0.900	0.953	7.38
20)	3+4-Methylphenols			1.330	1.223	1.215	1.030	1.175	1.080	1.175	9.16
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone		0.479	0.464	0.434	0.434	0.380	0.421	0.391	0.429	8.34
23) S	Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.361	0.338	0.346	4.07
24)	Nitrobenzene		0.370	0.390	0.376	0.388	0.342	0.398	0.368	0.376	4.90
25)	Isophorone		0.659	0.668	0.669	0.673	0.581	0.675	0.659	0.655	5.05
26) C	2-Nitrophenol		0.167	0.187	0.191	0.197	0.174	0.200	0.186	0.186	6.47
27)	2,4-Dimethylph...		0.281	0.278	0.265	0.298	0.260	0.295	0.275	0.279	5.08
28)	bis(2-Chloroet...		0.426	0.417	0.412	0.423	0.372	0.423	0.390	0.409	5.02
29) C	2,4-Dichloroph...		0.334	0.342	0.330	0.331	0.289	0.326	0.297	0.322	6.20
30)	1,2,4-Trichlor...		0.350	0.349	0.332	0.337	0.296	0.335	0.312	0.330	5.96
31)	Naphthalene		1.019	1.008	0.982	0.969	0.850	0.952	0.880	0.951	6.71
32)	Benzoic acid			0.268	0.220	0.180	0.165	0.190	0.204	0.204	17.90
33)	4-Chloroaniline		0.358	0.364	0.355	0.362	0.309	0.355	0.326	0.347	6.07
34) C	Hexachlorobuta...		0.256	0.250	0.252	0.259	0.232	0.254	0.238	0.249	4.03
35)	Caprolactam			0.094	0.093	0.092	0.075	0.087	0.088	0.088	8.10
36) C	4-Chloro-3-met...		0.283	0.307	0.304	0.297	0.259	0.290	0.277	0.288	5.77
37)	2-Methylnaphth...		0.702	0.672	0.665	0.647	0.559	0.623	0.583	0.636	7.98
38)	1-Methylnaphth...		0.667	0.681	0.632	0.620	0.536	0.600	0.561	0.614	8.61

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF110525.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.677	0.662	0.659	0.675	0.588	0.716	0.611	0.655	6.57	
41) P	Hexachlorocycl...	0.121	0.142	0.200	0.204	0.253	0.248	0.195	27.78		
42) S	2,4,6-Tribromo...	0.242	0.257	0.257	0.265	0.227	0.261	0.249	0.251	5.27	
43) C	2,4,6-Trichlor...	0.440	0.449	0.449	0.456	0.409	0.489	0.431	0.446	5.49	
44)	2,4,5-Trichlor...	0.497	0.489	0.497	0.489	0.438	0.502	0.456	0.481	5.05	
45) S	2-Fluorobiphenyl	1.598	1.428	1.361	1.350	1.177	1.381	1.183	1.354	10.72	
46)	1,1'-Biphenyl	1.535	1.446	1.425	1.408	1.239	1.450	1.270	1.396	7.52	
47)	2-Chloronaphth...	1.303	1.216	1.206	1.204	1.068	1.252	1.087	1.191	7.12	
48)	2-Nitroaniline	0.302	0.347	0.349	0.361	0.326	0.374	0.345	0.344	6.84	
49)	Acenaphthylene	1.727	1.686	1.677	1.645	1.440	1.678	1.506	1.623	6.57	
50)	Dimethylphthalate	1.437	1.343	1.359	1.345	1.168	1.375	1.247	1.325	6.71	
51)	2,6-Dinitrotol...	0.251	0.271	0.271	0.276	0.252	0.290	0.266	0.268	5.16	
52) C	Acenaphthene	1.138	1.162	1.120	1.096	0.956	1.117	1.007	1.085	6.90	
53)	3-Nitroaniline	0.271	0.301	0.302	0.315	0.264	0.316	0.283	0.293	7.07	
54) P	2,4-Dinitrophenol	0.202	0.166	0.140	0.133	0.168	0.164	0.162	14.99		
55)	Dibenzofuran	1.644	1.600	1.586	1.551	1.337	1.562	1.359	1.520	7.99	
56) P	4-Nitrophenol	0.273	0.202	0.204	0.185	0.211	0.198	0.212	14.64		
57)	2,4-Dinitrotol...	0.322	0.377	0.372	0.385	0.328	0.377	0.353	0.359	7.07	
58)	Fluorene	1.295	1.223	1.197	1.180	0.997	1.149	1.048	1.156	8.88	
59)	2,3,4,6-Tetrac...	0.308	0.347	0.336	0.358	0.316	0.372	0.345	0.340	6.58	
60)	Diethylphthalate	1.294	1.273	1.254	1.254	1.075	1.237	1.163	1.221	6.27	
61)	4-Chlorophenyl...	0.711	0.701	0.678	0.685	0.570	0.659	0.605	0.658	7.92	
62)	4-Nitroaniline	0.273	0.290	0.293	0.288	0.254	0.288	0.268	0.279	5.10	
63)	Azobenzene	1.157	1.203	1.145	1.164	0.995	1.197	1.096	1.137	6.33	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.147	0.138	0.130	0.120	0.142	0.138	0.136	6.99		
66) c	n-Nitrosodiphe...	0.695	0.676	0.635	0.646	0.577	0.660	0.614	0.643	6.12	
67)	4-Bromophenyl-...	0.264	0.260	0.255	0.263	0.228	0.266	0.252	0.255	5.18	
68)	Hexachlorobenzene	0.306	0.306	0.305	0.300	0.273	0.319	0.296	0.301	4.74	
69)	Atrazine	0.215	0.211	0.215	0.206	0.180	0.210	0.196	0.205	6.26	
70) C	Pentachlorophenol	0.135	0.144	0.156	0.137	0.162	0.165	0.150	8.76		
71)	Phenanthrene	1.103	1.042	0.986	1.009	0.892	1.003	0.937	0.996	6.87	
72)	Anthracene	1.120	1.059	1.027	1.022	0.897	1.027	0.936	1.013	7.37	
73)	Carbazole	0.938	0.917	0.882	0.878	0.762	0.854	0.794	0.861	7.36	
74)	Di-n-butylphth...	1.075	1.101	1.077	1.070	0.917	1.059	0.986	1.041	6.27	
75) C	Fluoranthene	1.117	1.066	1.053	1.054	0.910	1.043	0.958	1.029	6.84	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.707	0.519	0.624	0.512	0.635	0.553	0.592	12.98		
78)	Pyrene	1.763	1.745	1.631	1.704	1.372	1.569	1.504	1.613	8.79	
79) S	Terphenyl-d14	1.403	1.415	1.274	1.317	1.042	1.208	1.155	1.259	10.71	
80)	Butylbenzylpht...	0.565	0.590	0.550	0.590	0.499	0.570	0.549	0.559	5.60	
81)	Butzo(a)anthra...	1.455	1.340	1.330	1.430	1.290	1.493	1.366	1.386	5.37	
82)	3,3'-Dichlorob...	0.453	0.461	0.482	0.441	0.532	0.481	0.475	6.77		
83)	Chrysene	1.276	1.245	1.279	1.403	1.164	1.326	1.263	1.280	5.72	
84)	Bis(2-ethylhex...	0.773	0.739	0.755	0.816	0.705	0.803	0.764	0.765	4.92	
85) c	Di-n-octyl pht...	1.163	1.272	1.410	1.269	1.442	1.364	1.320	7.91		

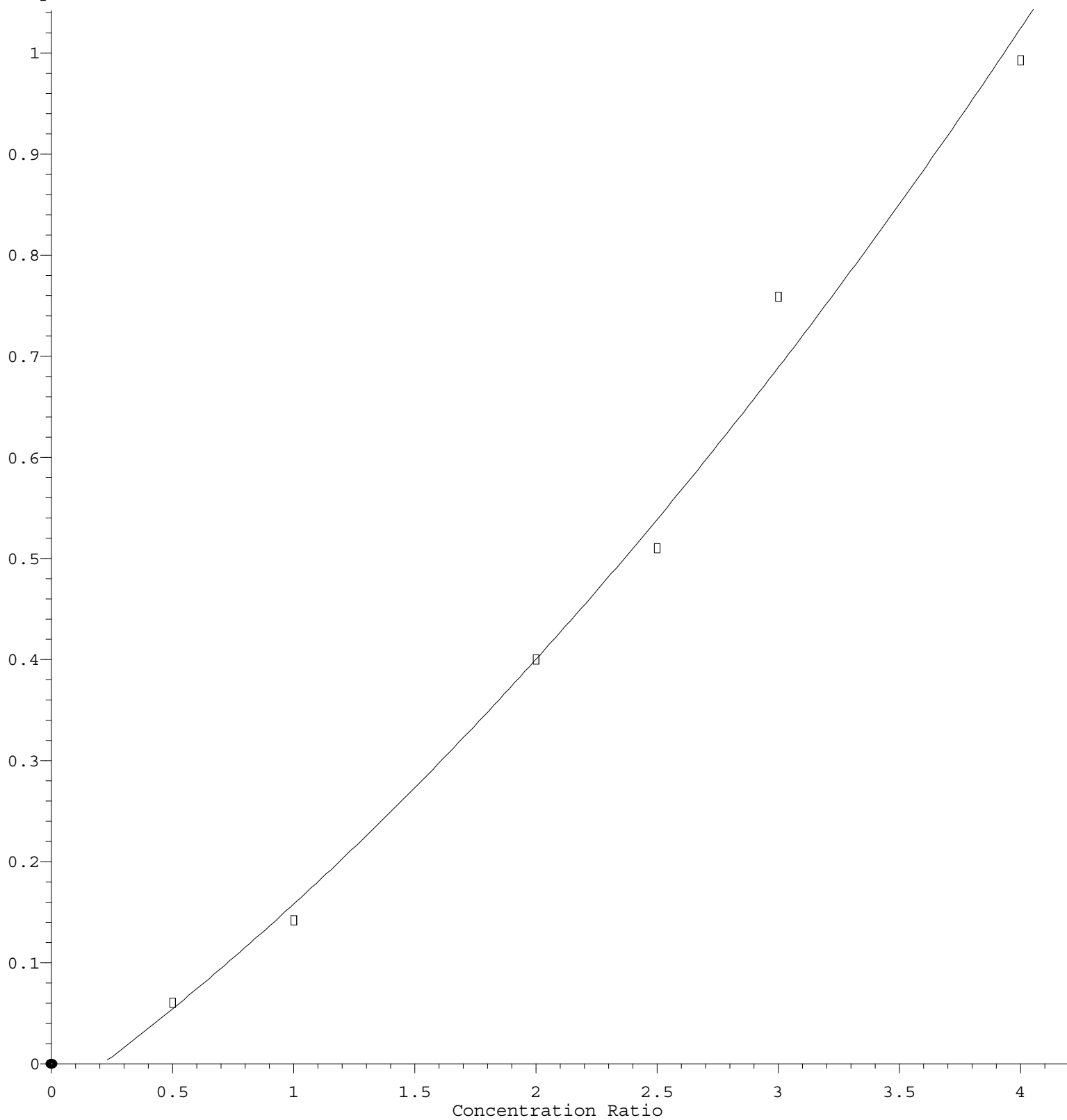
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

86) I	Perylene-d12	-----ISTD-----									
87)	Indeno(1,2,3-c...	1.450	1.411	1.447	1.485	1.311	1.521	1.425	1.436	4.62	
88)	Benzo(b)fluora...	1.199	1.133	1.114	1.233	1.002	1.134	1.143	1.137	6.40	
89)	Benzo(k)fluora...	1.077	1.094	1.083	1.041	0.999	1.134	1.021	1.064	4.36	
90) C	Benzo(a)pyrene	1.064	1.050	1.058	1.077	0.963	1.103	1.029	1.049	4.23	
91)	Dibenzo(a,h)an...	1.155	1.155	1.175	1.198	1.040	1.209	1.138	1.153	4.85	
92)	Benzo(g,h,i)pe...	1.095	1.125	1.153	1.191	1.028	1.228	1.150	1.139	5.70	

(#) = Out of Range

Hexachlorocyclopentadiene

Response Ratio



$$R = 2.331e-002 A^2 + 1.722e-001 A - 3.751e-002$$

Coef of Det (r^2) = 0.992660 Curve Fit: Quadratic w(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF110525.M

Calibration Table Last Updated: Wed Nov 05 18:37:33 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144169.D
 Acq On : 05 Nov 2025 12:50
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Nov 05 17:42:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

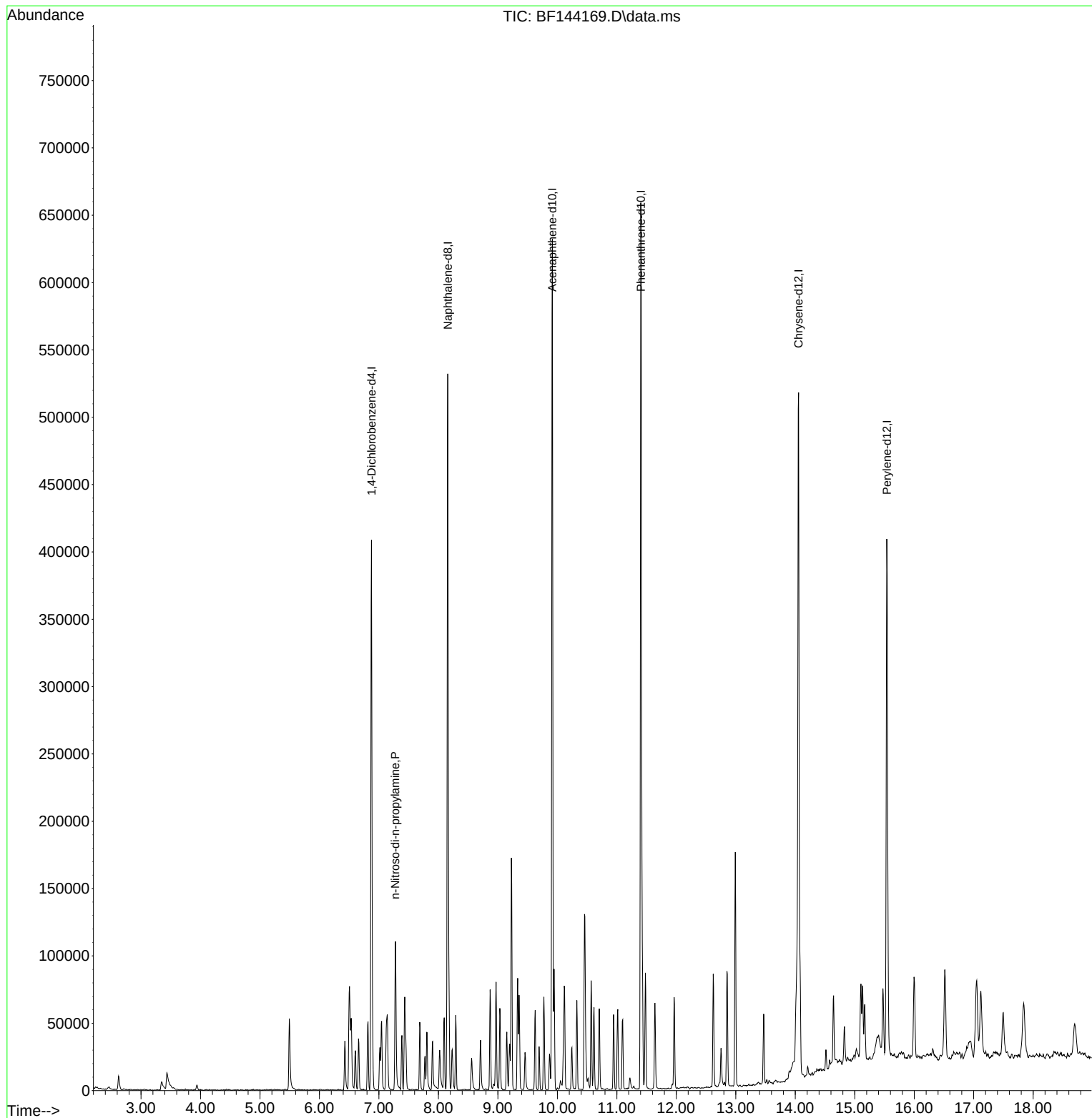
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	85230	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	335743	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	195513	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	365872	20.000	ng	0.00
76) Chrysene-d12	14.057	240	241412	20.000	ng	0.00
86) Perylene-d12	15.539	264	241479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.275	70	10629	2.616	ng	# 98

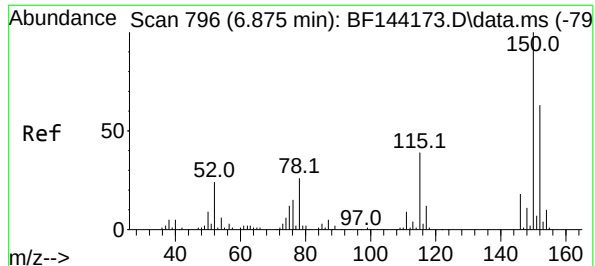
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144169.D
Acq On : 05 Nov 2025 12:50
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

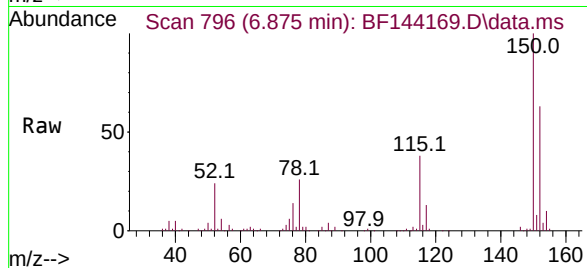
Quant Time: Nov 05 17:42:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



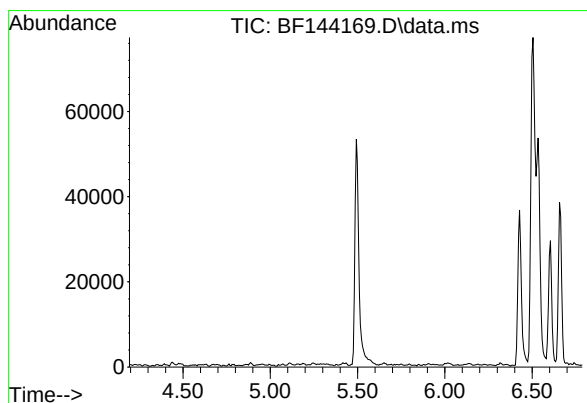
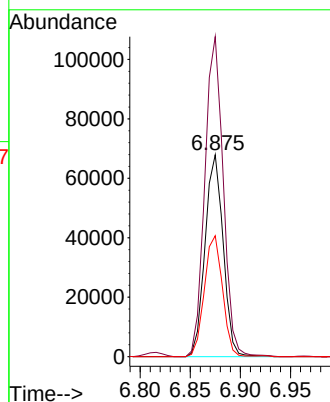
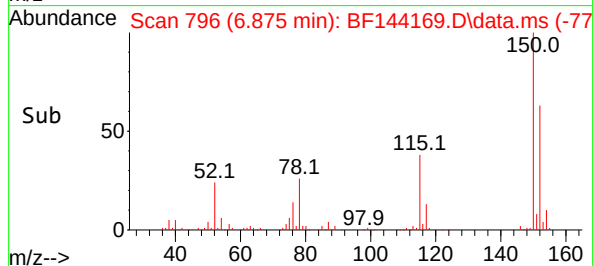


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



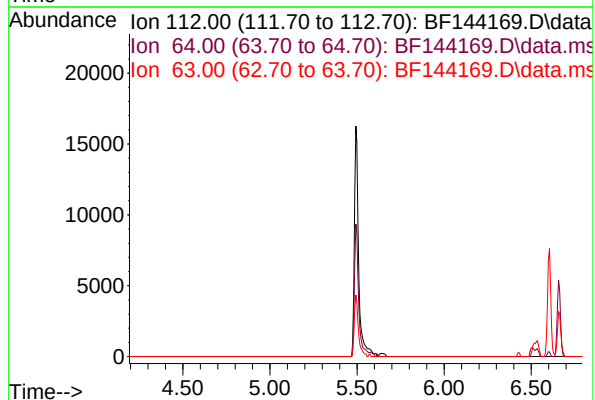
Tgt Ion:152 Resp: 85230
Ion Ratio Lower Upper
152 100
150 158.5 127.4 191.0
115 59.9 49.5 74.3

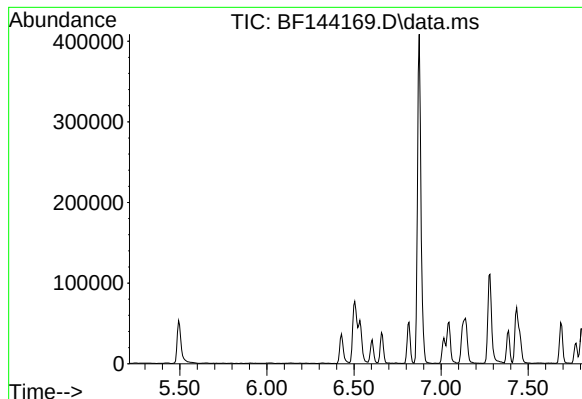


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion: 112
Sig Exp Ratio
112 100
64 59.0
63 30.5

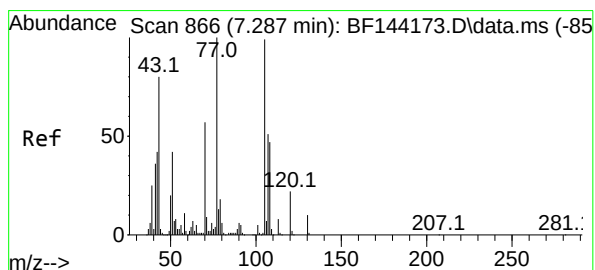
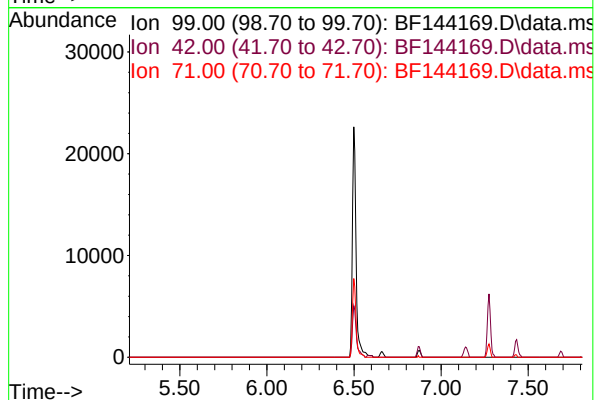




#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.51 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

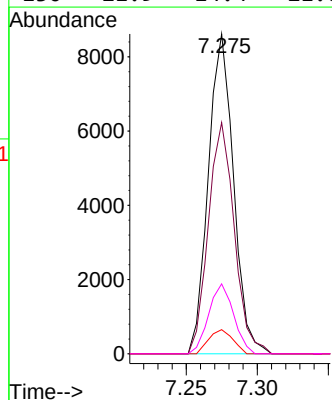
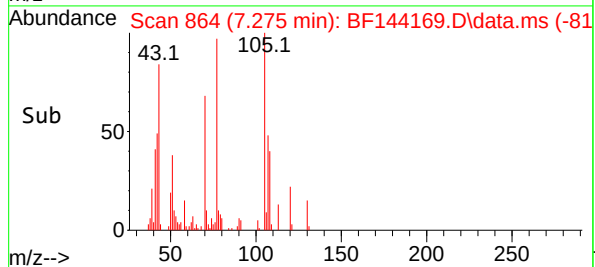
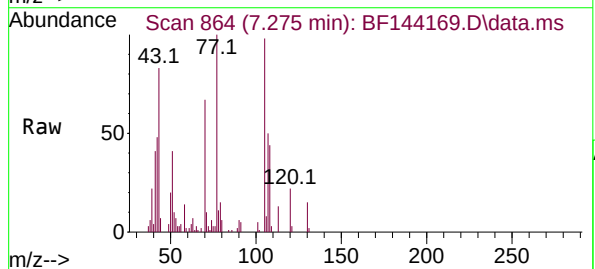
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

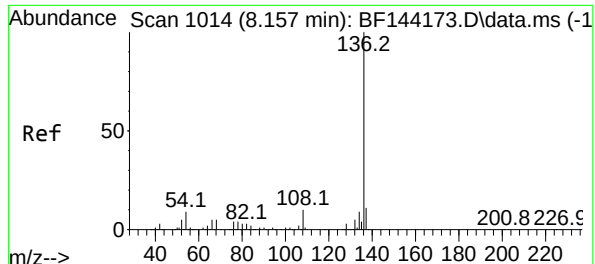
Tgt Ion: 99
Sig Exp Ratio
99 100
42 26.1
71 39.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.616 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.023 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion: 70 Resp: 10629
Ion Ratio Lower Upper
70 100
42 72.3 58.3 87.5
101 7.6 7.0 10.6
130 21.9 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144169.D

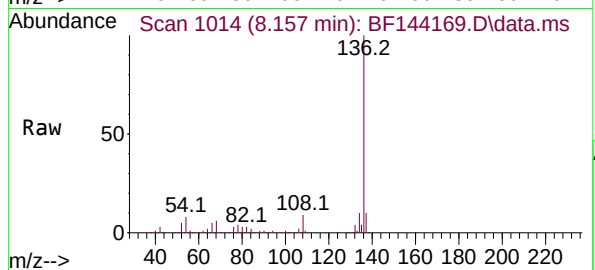
Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 335743

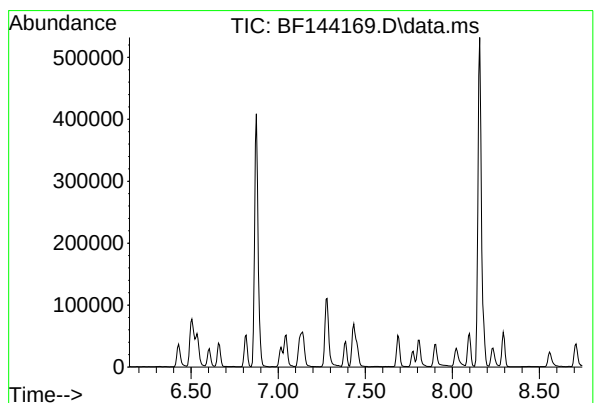
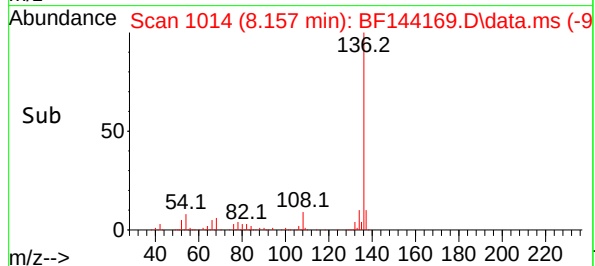
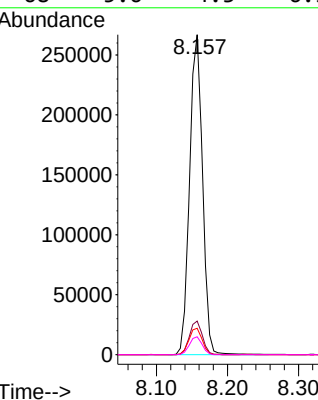
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.2 7.0 10.6

68 5.6 4.3 6.5



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.45 min

Lab File: BF144169.D

Acq: 05 Nov 2025 12:50

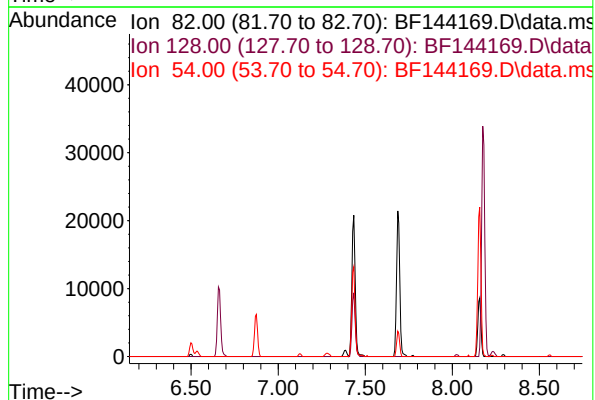
Tgt Ion: 82

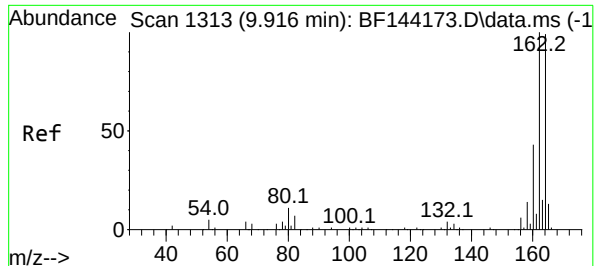
Sig Exp Ratio

82 100

128 43.4

54 61.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144169.D

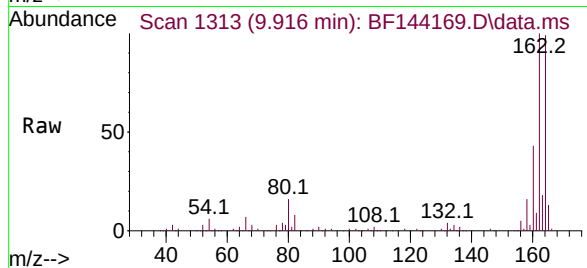
Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



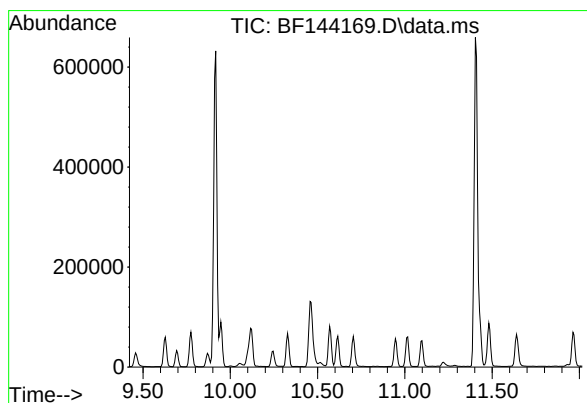
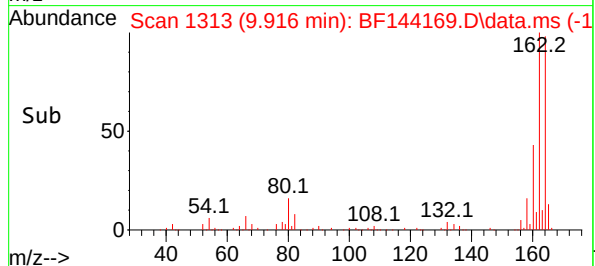
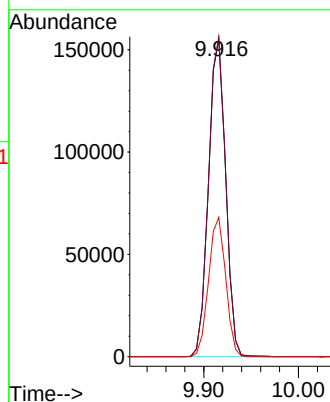
Tgt Ion:164 Resp: 195513

Ion Ratio Lower Upper

164 100

162 100.8 81.1 121.7

160 43.9 34.5 51.7



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.72 min

Lab File: BF144169.D

Acq: 05 Nov 2025 12:50

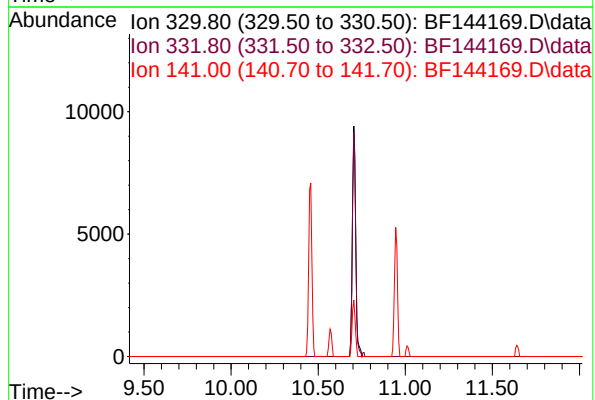
Tgt Ion: 330

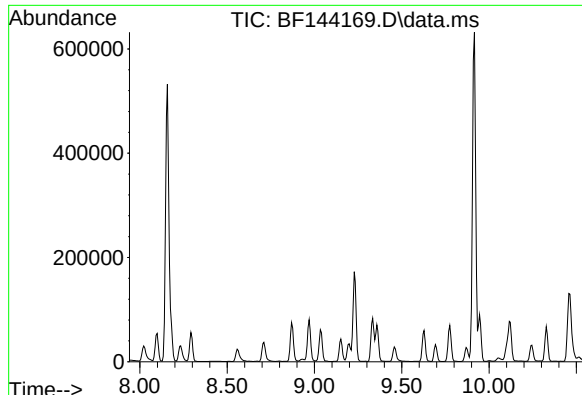
Sig Exp Ratio

330 100

332 95.9

141 22.3



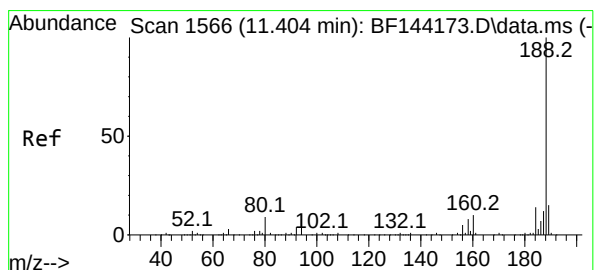
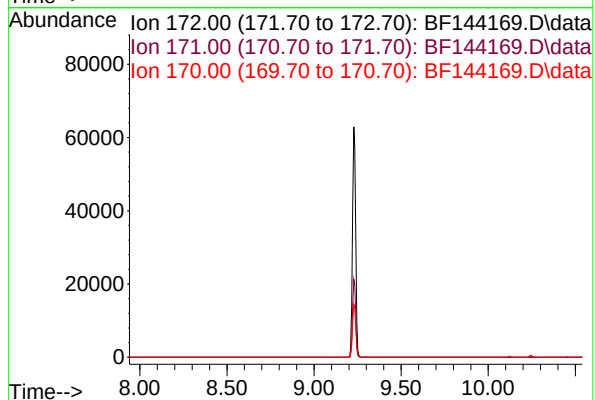


#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.24 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

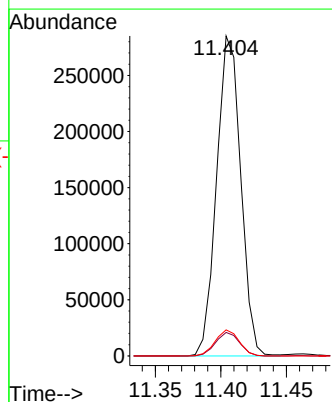
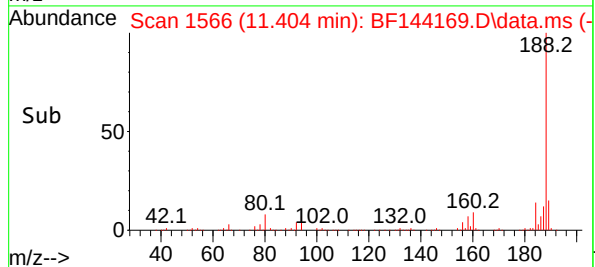
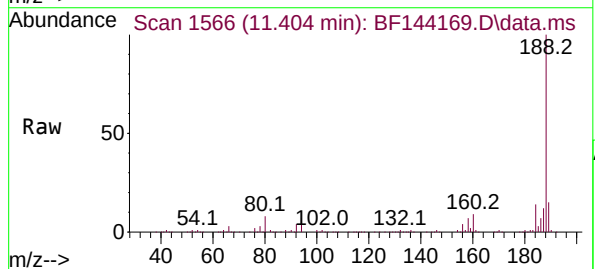
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

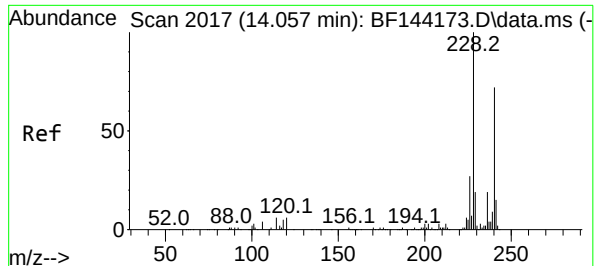
Tgt Ion: 172
Sig Exp Ratio
172 100
171 35.1
170 23.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

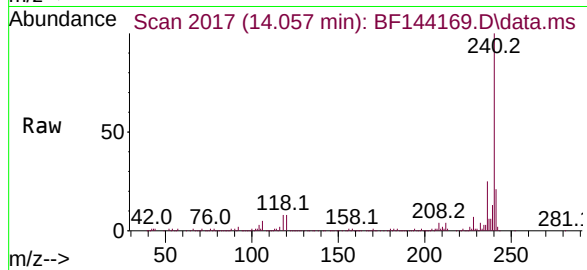
Tgt Ion: 188 Resp: 365872
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.2
80 8.2 6.9 10.3



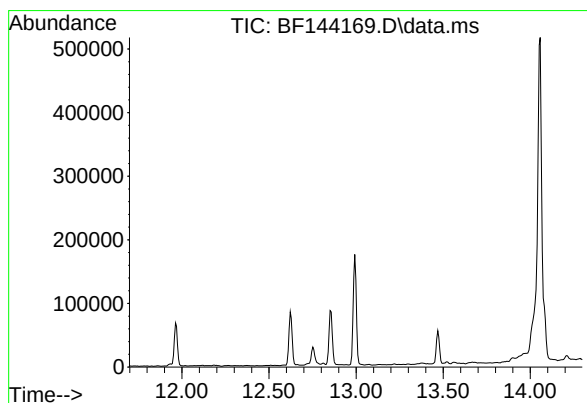
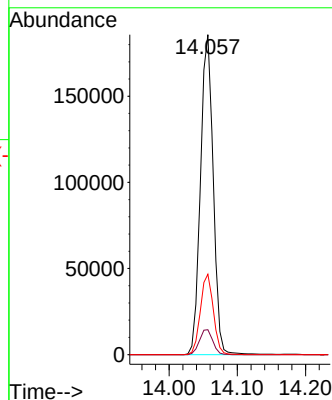
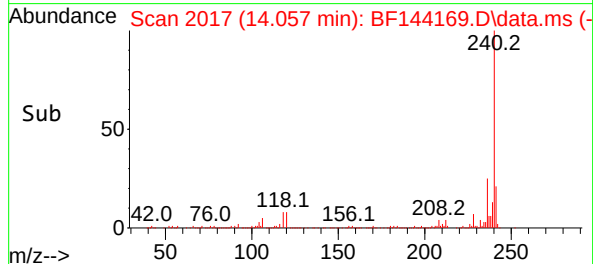


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



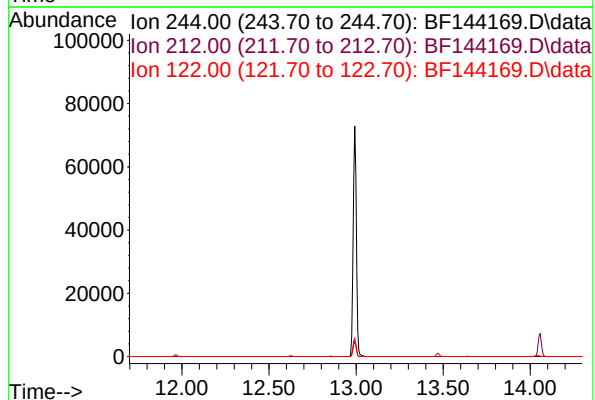
Tgt Ion:240 Resp: 241412
Ion Ratio Lower Upper
240 100
120 7.8 6.6 10.0
236 25.1 21.4 32.2

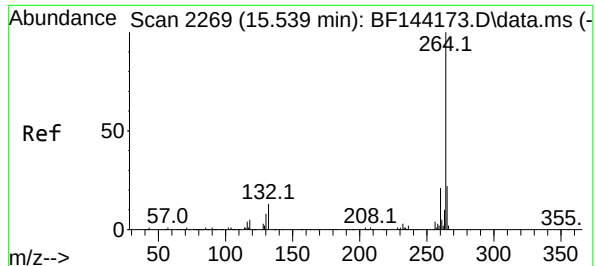


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.00 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.6
122 7.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144169.D

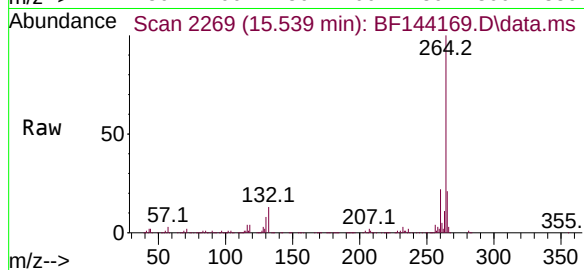
Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



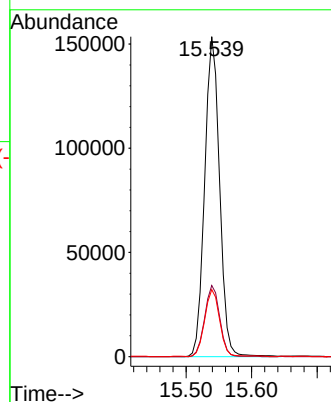
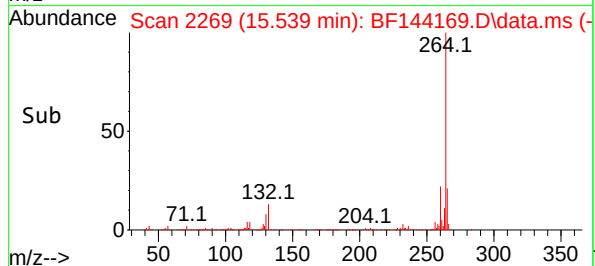
Tgt Ion:264 Resp: 241479

Ion	Ratio	Lower	Upper

264	100		

260	22.2	17.1	25.7

265	20.9	17.4	26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144170.D
 Acq On : 05 Nov 2025 13:20
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:23:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	85379	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	330889	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	188001	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	326565	20.000	ng	0.00
76) Chrysene-d12	14.051	240	215706	20.000	ng	-0.01
86) Perylene-d12	15.539	264	241361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	56869	10.423	ng	0.00
7) Phenol-d6	6.498	99	66870	10.817	ng	-0.01
23) Nitrobenzene-d5	7.434	82	56744	9.904	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	22758	9.647	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	150248	11.803	ng	-0.01
79) Terphenyl-d14	12.992	244	151347	11.145	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	11227	4.977	ng	98
3) Pyridine	3.410	79	29321	4.659	ng	98
6) Aniline	6.534	93	46833	5.317	ng	97
8) 2-Chlorophenol	6.657	128	26502	4.953	ng	98
10) Phenol	6.510	94	39383	5.214	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	27288	4.958	ng	99
12) 1,3-Dichlorobenzene	6.816	146	35799	5.422	ng	97
13) 1,4-Dichlorobenzene	6.893	146	35623	5.385	ng	99
14) 1,2-Dichlorobenzene	7.046	146	35243	5.559	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.140	45	51408	5.072	ng	92
17) 2-Methylphenol	7.122	107	21999	5.168	ng	94
18) Hexachloroethane	7.387	117	10929	4.973	ng	92
19) n-Nitroso-di-n-propyla...	7.275	70	21555	5.296	ng	99
22) Acetophenone	7.281	105	39609	5.580	ng	97
24) Nitrobenzene	7.451	77	30574	4.915	ng	98
25) Isophorone	7.687	82	54487	5.028	ng	97
26) 2-Nitrophenol	7.775	139	13789	4.478	ng	97
27) 2,4-Dimethylphenol	7.804	122	23283	5.045	ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	35235	5.207	ng	97
29) 2,4-Dichlorophenol	8.016	162	27603	5.189	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	28937	5.298	ng	91
31) Naphthalene	8.175	128	84320	5.357	ng	100
33) 4-Chloroaniline	8.228	127	29602	5.157	ng	99
34) Hexachlorobutadiene	8.292	225	21207	5.152	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	23428	4.914	ng	95
37) 2-Methylnaphthalene	8.869	142	58087	5.520	ng	99
38) 1-Methylnaphthalene	8.969	142	55152	5.431	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	31823	5.165	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	20685	4.933	ng	99
44) 2,4,5-Trichlorophenol	9.192	196	23346	5.165	ng	99
46) 1,1'-Biphenyl	9.334	154	72127	5.496	ng	98
47) 2-Chloronaphthalene	9.357	162	61232	5.470	ng	98
48) 2-Nitroaniline	9.457	65	14208	4.399	ng	90
49) Acenaphthylene	9.775	152	81168	5.321	ng	100
50) Dimethylphthalate	9.628	163	67538	5.423	ng	97
51) 2,6-Dinitrotoluene	9.692	165	11809	4.684	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144170.D
 Acq On : 05 Nov 2025 13:20
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:23:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.945	154	53468	5.241	ng	96
53) 3-Nitroaniline	9.869	138	12750	4.626	ng	88
55) Dibenzofuran	10.116	168	77278	5.409	ng	98
57) 2,4-Dinitrotoluene	10.098	165	15136	4.485	ng #	93
58) Fluorene	10.463	166	60881	5.605	ng	94
59) 2,3,4,6-Tetrachlorophenol	10.239	232	14470	4.525	ng	96
60) Diethylphthalate	10.328	149	60815	5.297	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	33416	5.401	ng	97
62) 4-Nitroaniline	10.475	138	12847	4.895	ng	91
63) Azobenzene	10.616	77	54383	5.089	ng	93
66) n-Nitrosodiphenylamine	10.569	169	56733	5.401	ng	97
67) 4-Bromophenyl-phenylether	10.945	248	21547	5.169	ng	96
68) Hexachlorobenzene	11.010	284	24951	5.082	ng	99
69) Atrazine	11.098	200	17546	5.253	ng	93
71) Phenanthrene	11.428	178	90035	5.537	ng	99
72) Anthracene	11.481	178	91416	5.529	ng	99
73) Carbazole	11.639	167	76605	5.449	ng	97
74) Di-n-butylphthalate	11.963	149	87751	5.163	ng	100
75) Fluoranthene	12.622	202	91198	5.430	ng	97
78) Pyrene	12.851	202	95053	5.465	ng	98
80) Butylbenzylphthalate	13.469	149	30478	5.056	ng	92
81) Benzo(a)anthracene	14.045	228	78472	5.249	ng	96
83) Chrysene	14.080	228	68808	4.986	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	41706	5.054	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	87482	5.049	ng	98
88) Benzo(b)fluoranthene	15.098	252	72360m	5.273	ng	
89) Benzo(k)fluoranthene	15.127	252	64984	5.060	ng	99
90) Benzo(a)pyrene	15.474	252	64190	5.071	ng #	97
91) Dibenzo(a,h)anthracene	17.051	278	69714	5.010	ng	98
92) Benzo(g,h,i)perylene	17.492	276	66099	4.810	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

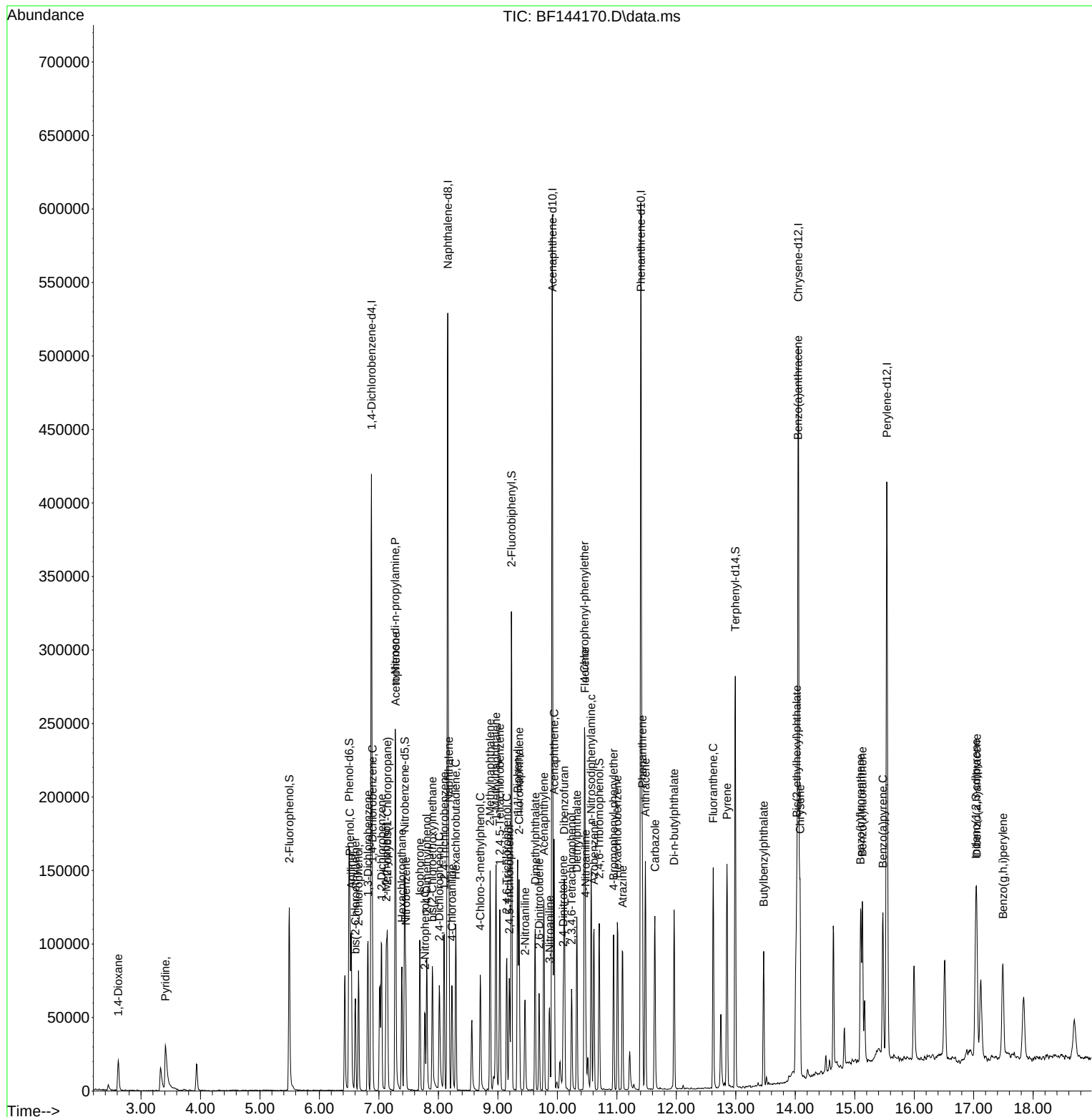
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144170.D
Acq On : 05 Nov 2025 13:20
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

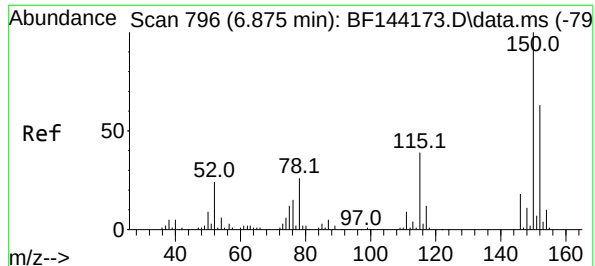
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

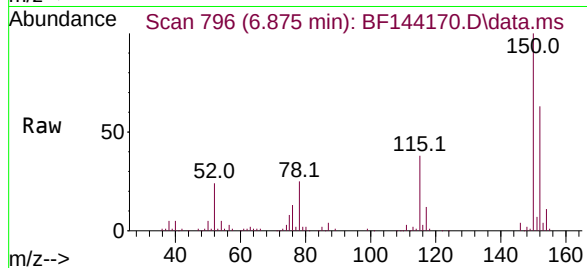
Quant Time: Nov 05 17:23:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

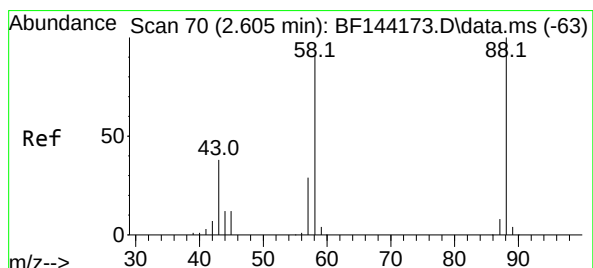
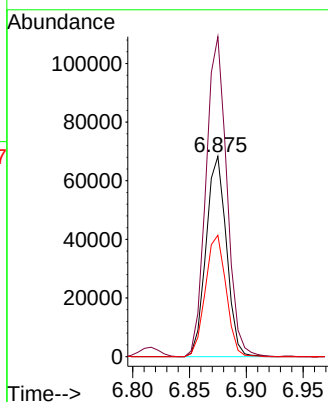
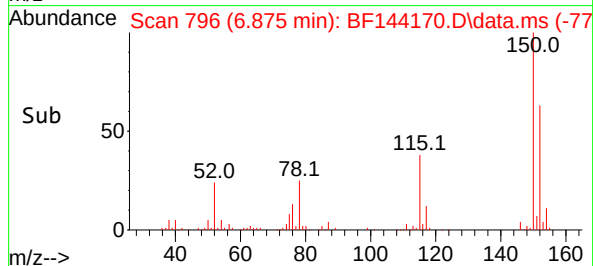
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 85379
Ion Ratio Lower Upper
152 100
150 159.8 127.4 191.0
115 60.6 49.5 74.3

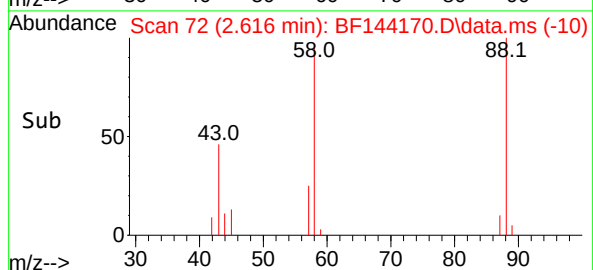
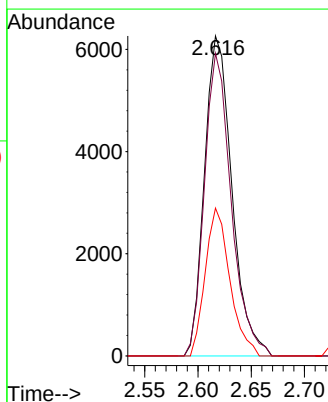
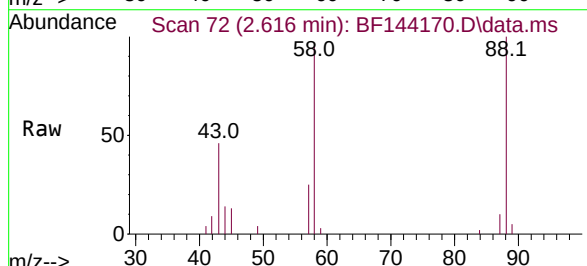
Manual Integrations
APPROVED

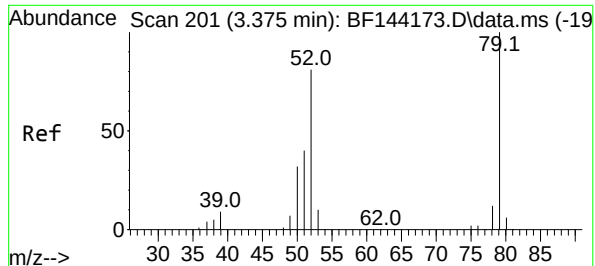
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#2
1,4-Dioxane
Concen: 4.977 ng
RT: 2.616 min Scan# 72
Delta R.T. 0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 88 Resp: 11227
Ion Ratio Lower Upper
88 100
58 92.4 73.1 109.7
43 41.5 31.0 46.6





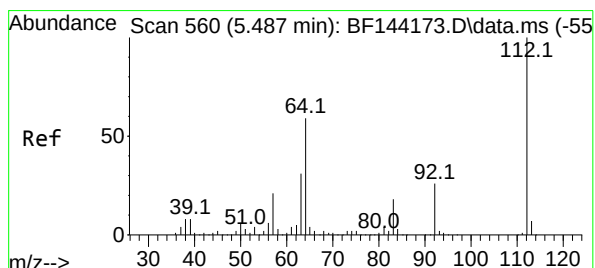
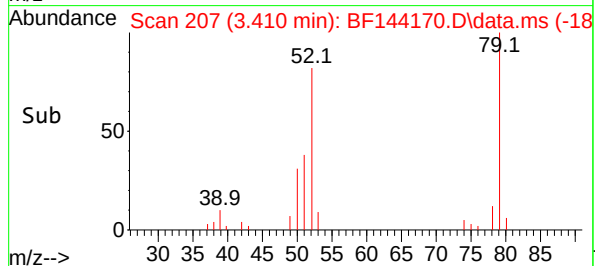
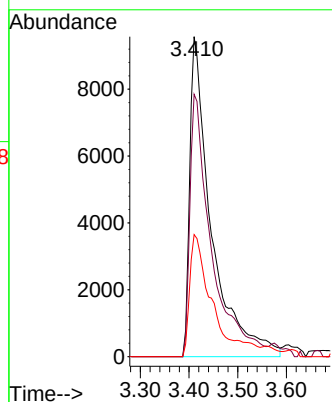
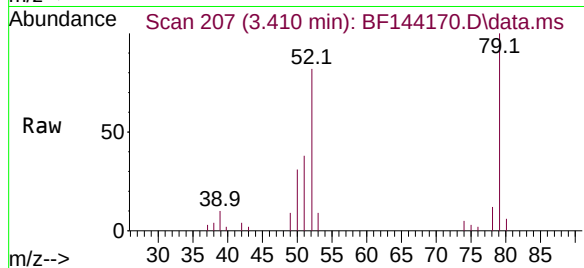
#3
Pyridine
Concen: 4.659 ng
RT: 3.410 min Scan# 201
Delta R.T. 0.035 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:	79	Resp:	2932
Ion Ratio	Lower	Upper	
79	100		
52	82.0	64.5	96.7
51	38.1	31.7	47.5

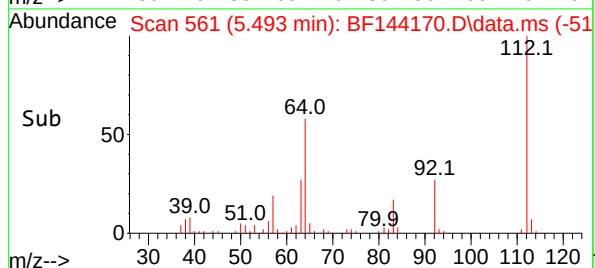
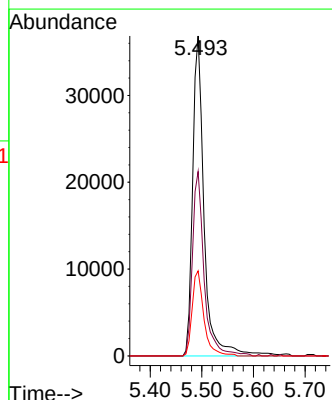
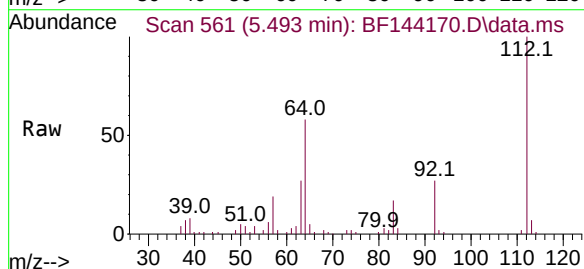
Manual Integrations
APPROVED

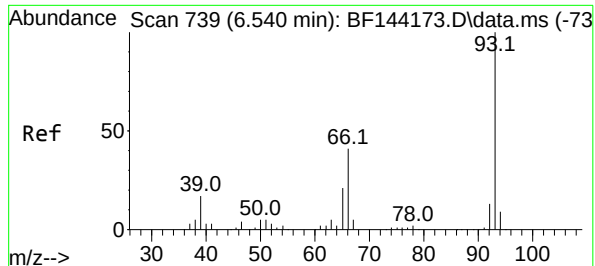
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#5
2-Fluorophenol
Concen: 10.423 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:	112	Resp:	56869
Ion Ratio	Lower	Upper	
112	100		
64	57.6	47.2	70.8
63	26.6	24.4	36.6





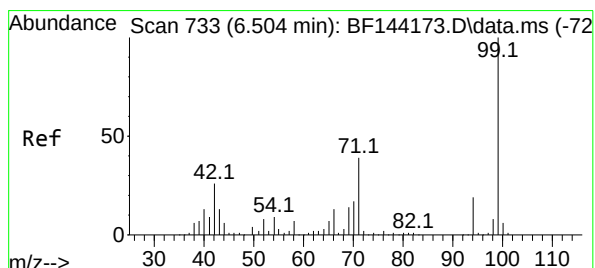
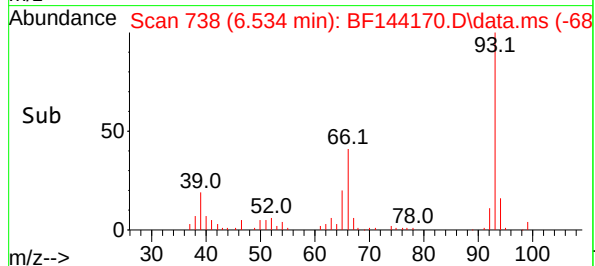
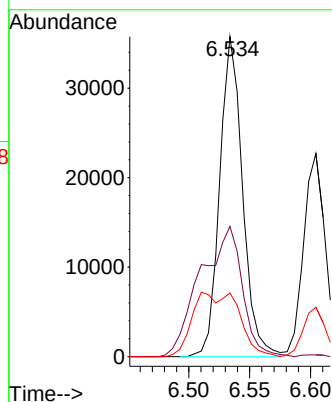
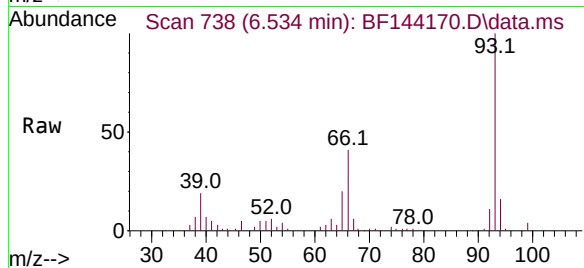
#6
Aniline
Concen: 5.317 ng
RT: 6.534 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
Client SampleId :
SSTDICC005

Tgt Ion: 93 Resp: 46833
Ion Ratio Lower Upper
93 100
66 40.7 34.3 51.5
65 19.9 16.9 25.3

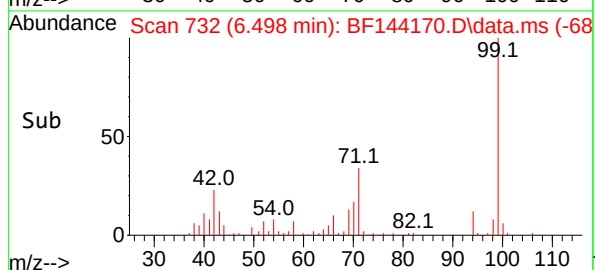
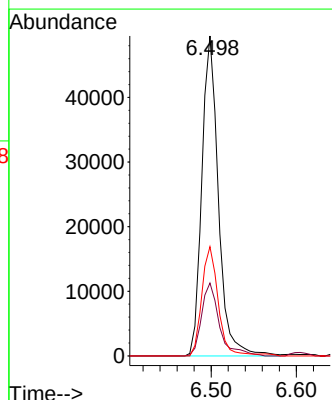
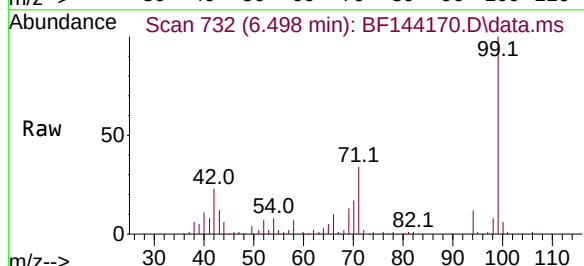
Manual Integrations
APPROVED

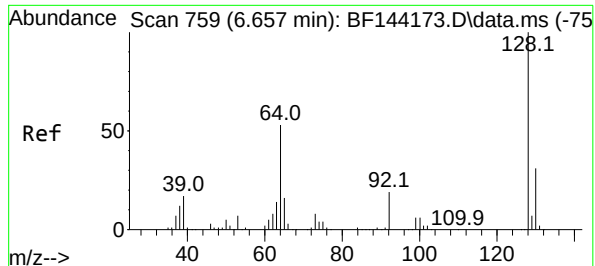
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#7
Phenol-d6
Concen: 10.817 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

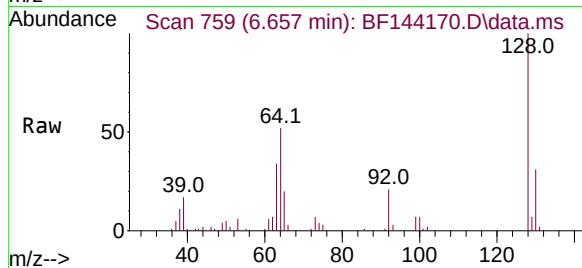
Tgt Ion: 99 Resp: 66870
Ion Ratio Lower Upper
99 100
42 22.8 20.9 31.3
71 34.1 31.4 47.2





#8
2-Chlorophenol
Concen: 4.953 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

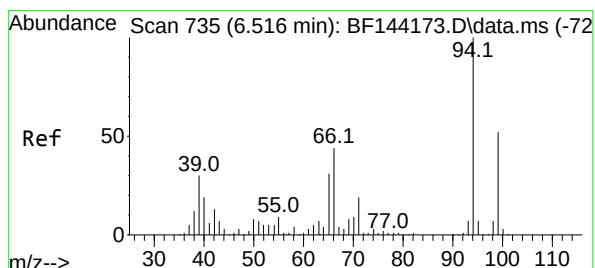
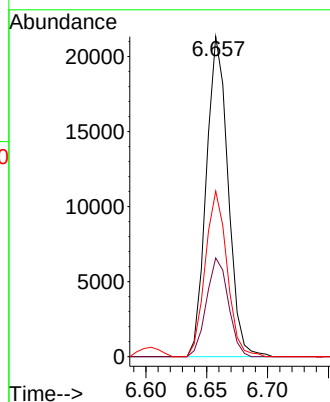
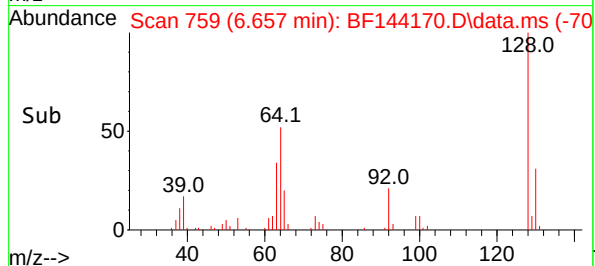
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 26502
Ion Ratio Lower Upper
128 100
130 30.8 10.5 50.5
64 51.7 33.2 73.2

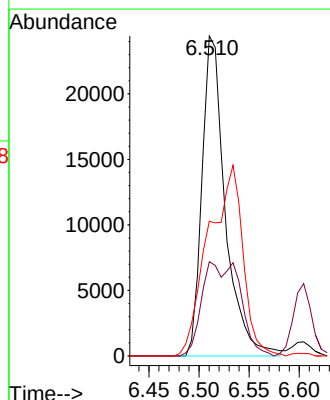
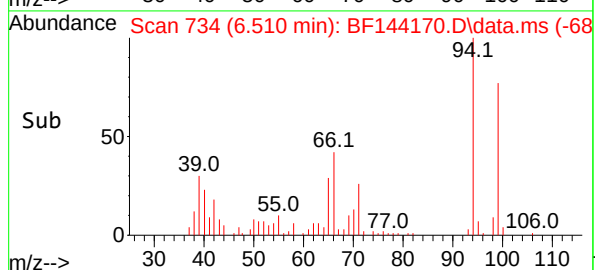
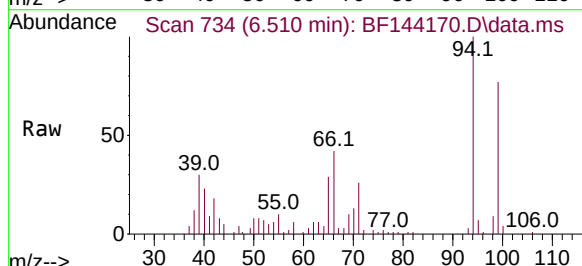
Manual Integrations
APPROVED

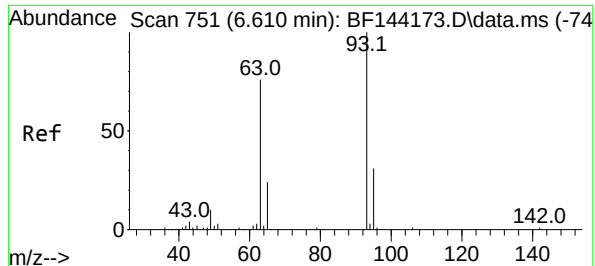
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#10
Phenol
Concen: 5.214 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.017 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 94 Resp: 39383
Ion Ratio Lower Upper
94 100
65 29.4 10.8 50.8
66 42.1 24.3 64.3





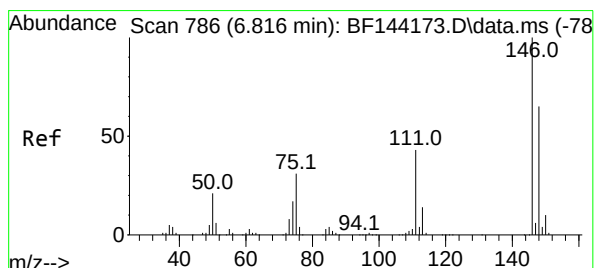
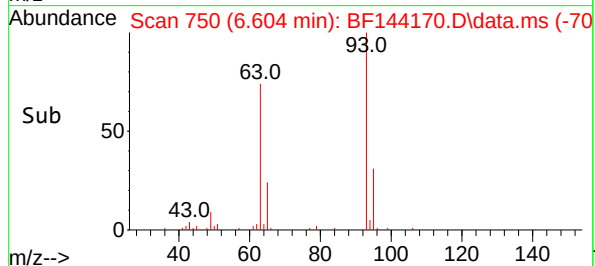
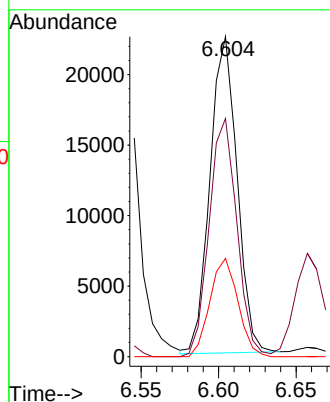
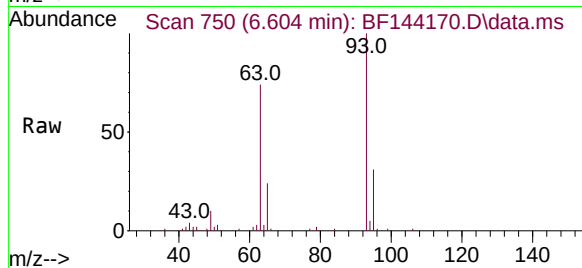
#11
bis(2-Chloroethyl)ether
Concen: 4.958 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 27288
Ion Ratio Lower Upper
93 100
63 74.4 55.2 95.2
95 30.7 11.2 51.2

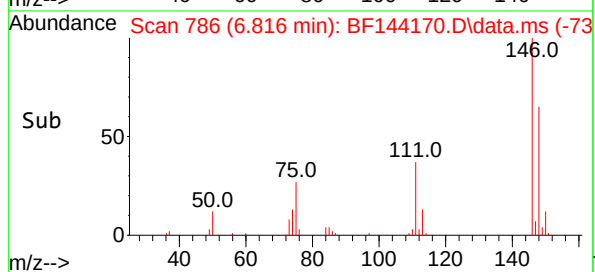
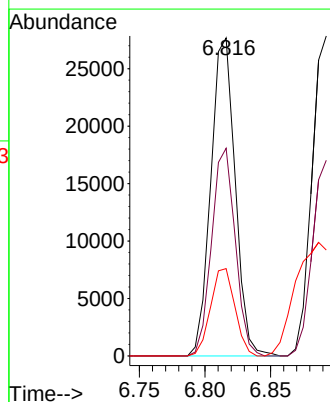
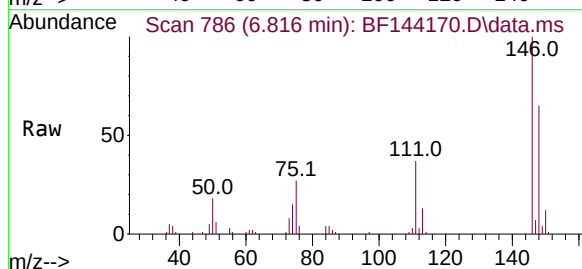
Manual Integrations
APPROVED

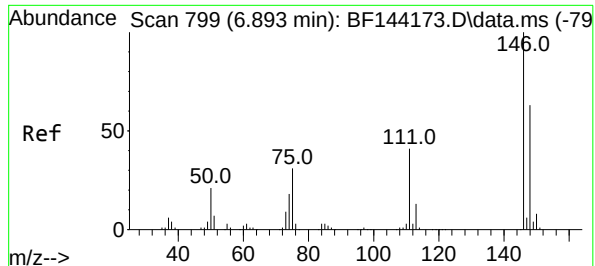
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#12
1,3-Dichlorobenzene
Concen: 5.422 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:146 Resp: 35799
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
75 27.4 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 5.385 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion:146 Resp: 35623

Ion Ratio Lower Upper

146 100

148 61.1 50.2 75.2

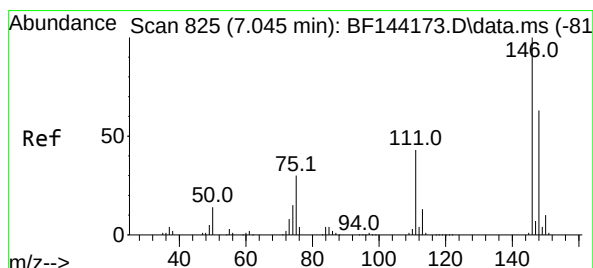
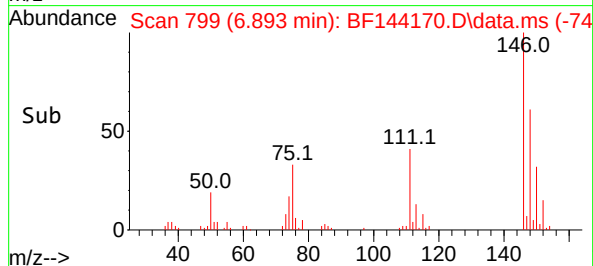
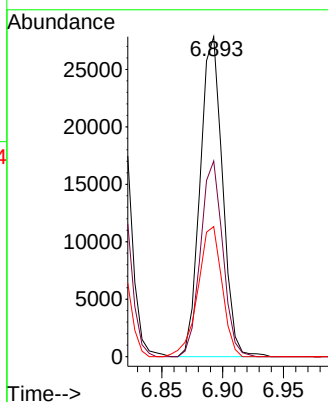
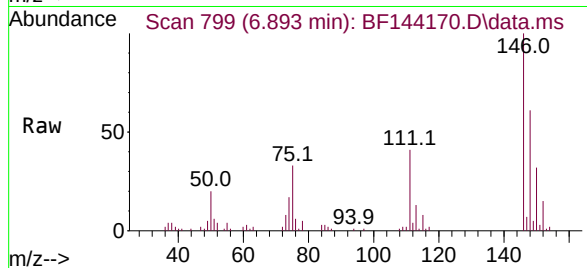
111 40.6 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#14

1,2-Dichlorobenzene

Concen: 5.559 ng

RT: 7.046 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

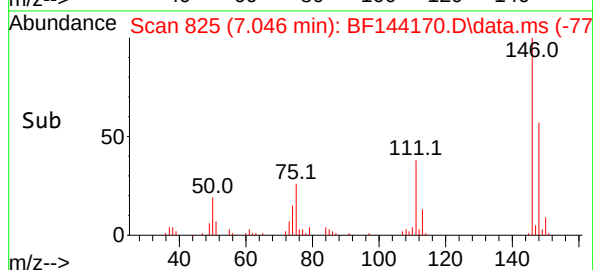
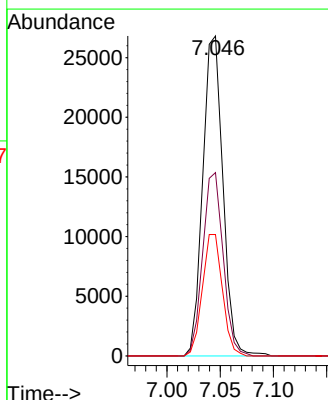
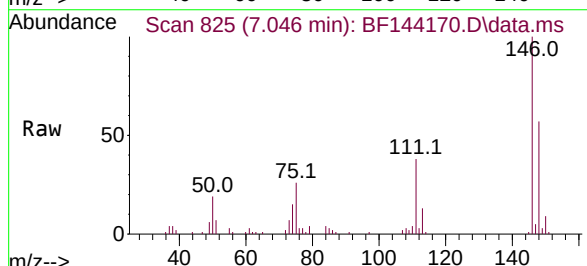
Tgt Ion:146 Resp: 35243

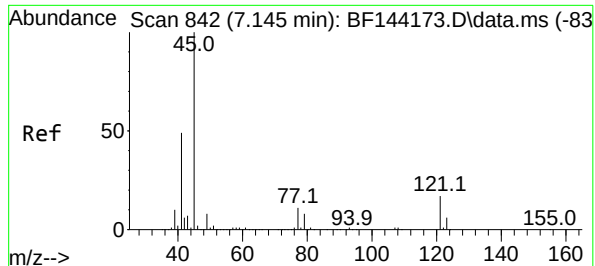
Ion Ratio Lower Upper

146 100

148 57.3 50.7 76.1

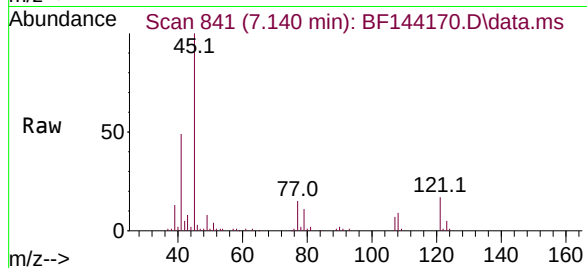
111 37.9 34.2 51.4





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.072 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

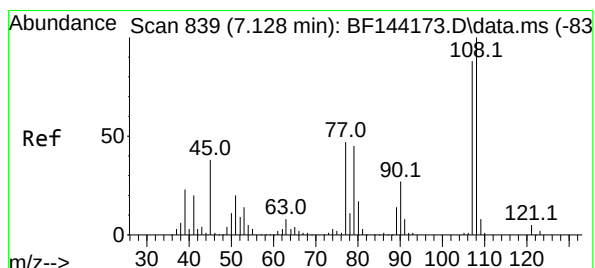
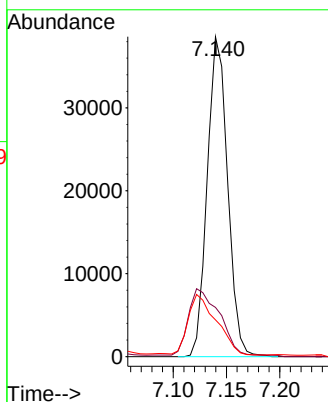
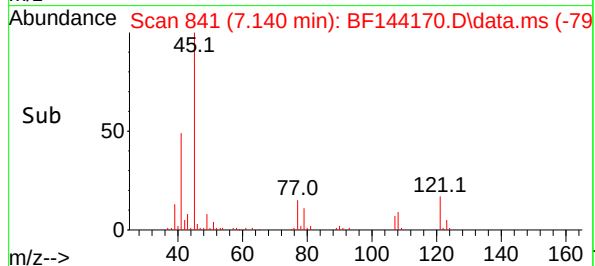
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 45 Resp: 51408
Ion Ratio Lower Upper
45 100
77 15.4 0.0 31.8
79 11.5 0.0 29.1

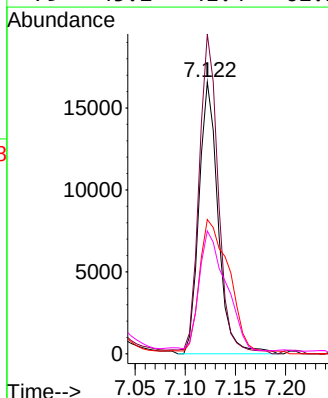
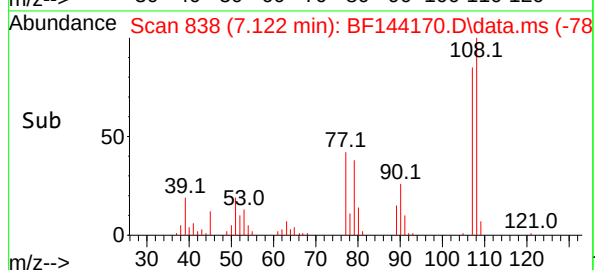
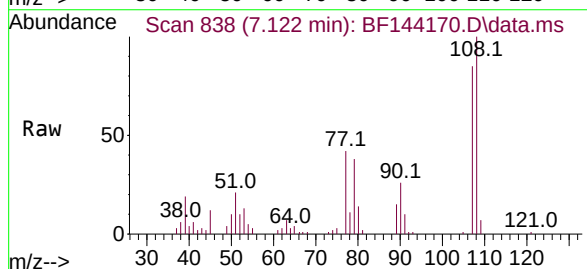
Manual Integrations
APPROVED

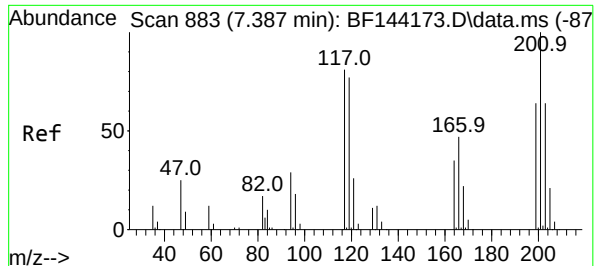
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#17
2-Methylphenol
Concen: 5.168 ng
RT: 7.122 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

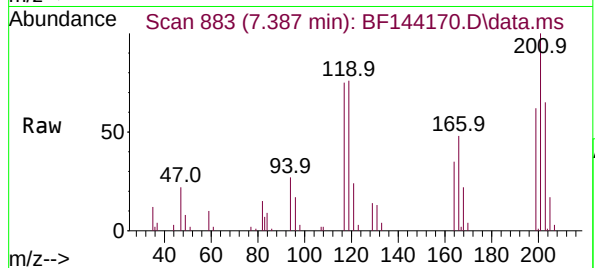
Tgt Ion:107 Resp: 21999
Ion Ratio Lower Upper
107 100
108 117.7 91.0 136.4
77 49.4 42.7 64.1
79 45.2 41.4 62.2





#18
Hexachloroethane
Concen: 4.973 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

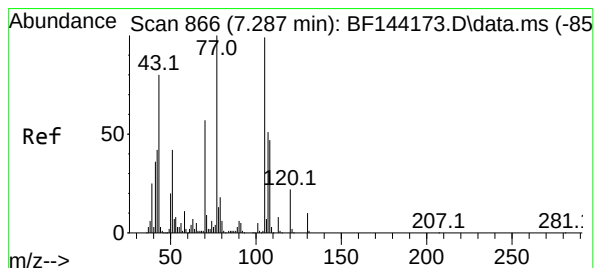
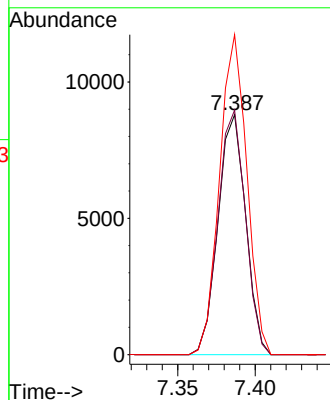
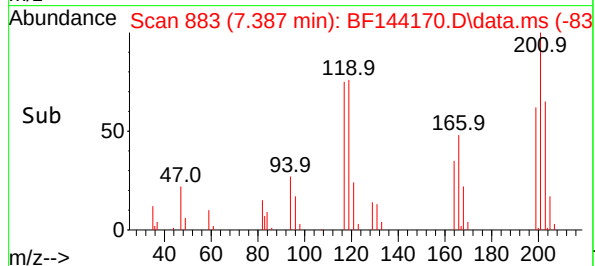
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



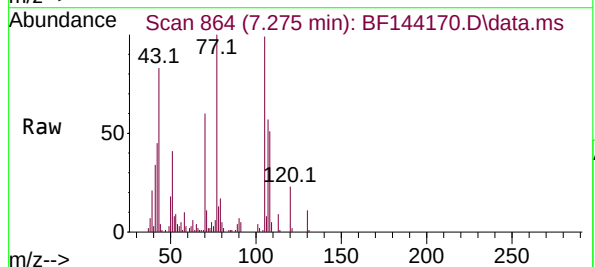
Tgt Ion: 117 Resp: 10929
Ion Ratio Lower Upper
117 100
119 102.0 75.8 113.8
201 133.4 98.9 148.3

Manual Integrations
APPROVED

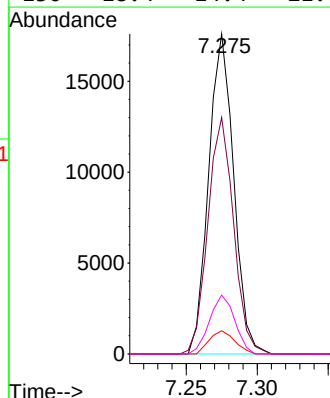
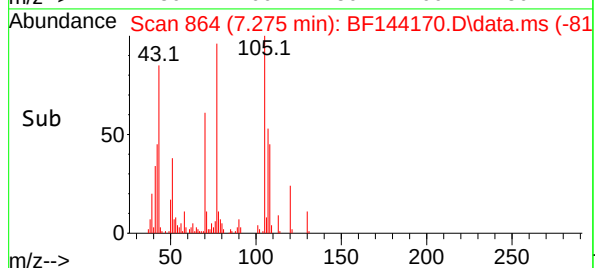
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

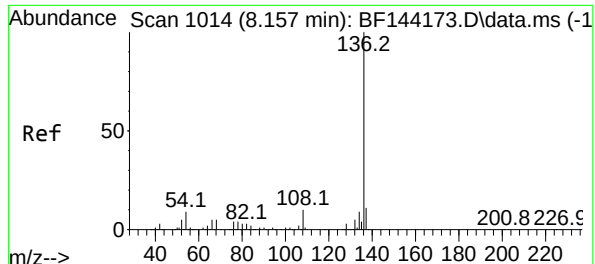


#19
n-Nitroso-di-n-propylamine
Concen: 5.296 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.023 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



Tgt Ion: 70 Resp: 21555
Ion Ratio Lower Upper
70 100
42 73.9 58.3 87.5
101 7.3 7.0 10.6
130 18.4 14.4 21.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 330889

Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.4 7.0 10.6

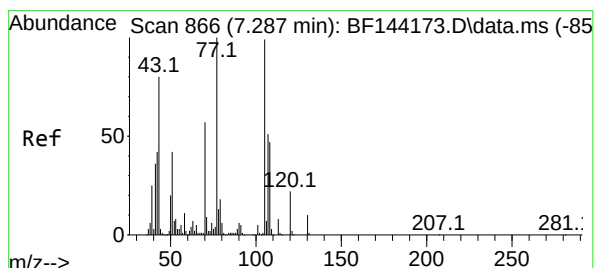
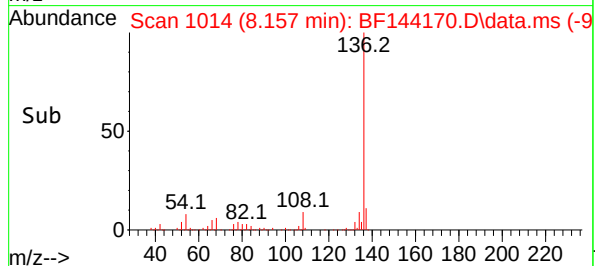
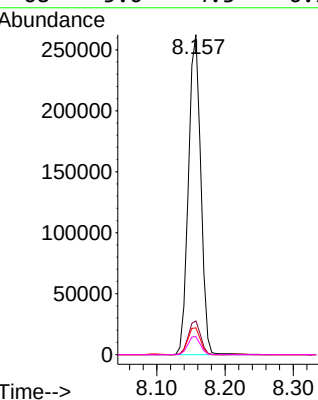
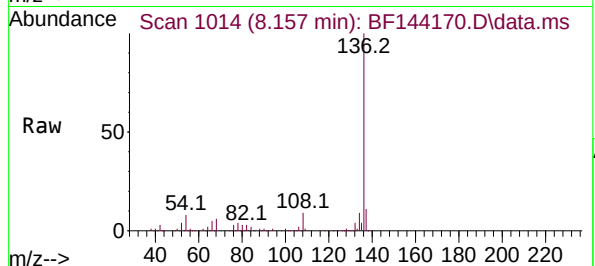
68 5.6 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#22

Acetophenone

Concen: 5.580 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:105 Resp: 39609

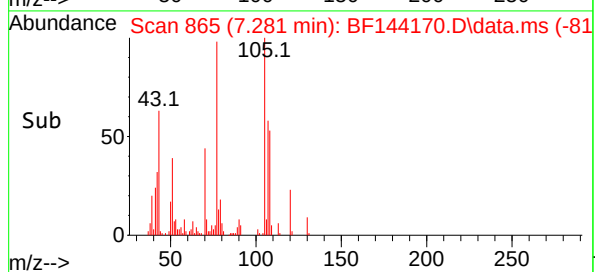
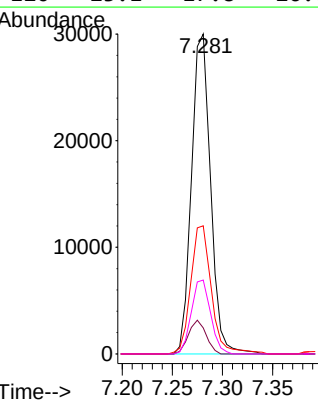
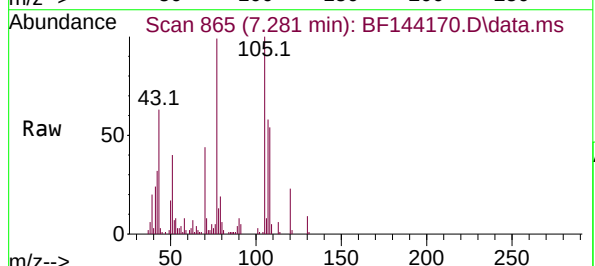
Ion Ratio Lower Upper

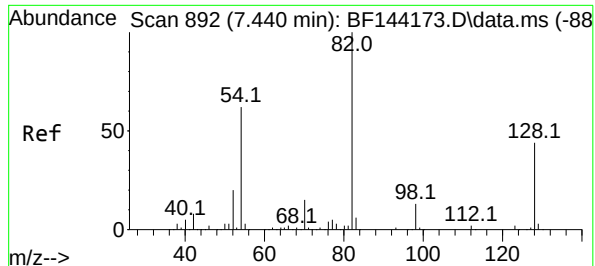
105 100

71 8.1 7.2 10.8

51 40.0 34.0 51.0

120 23.1 17.8 26.6





#23

Nitrobenzene-d5

Concen: 9.904 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

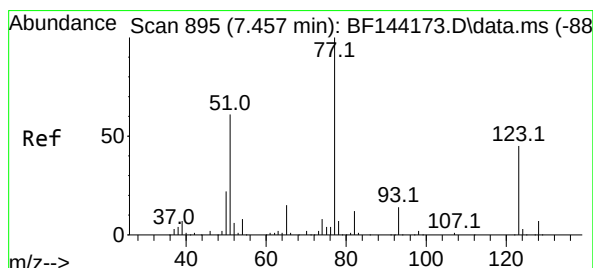
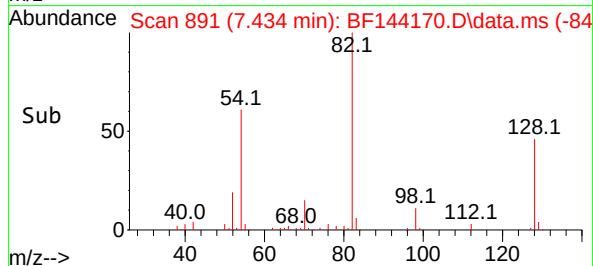
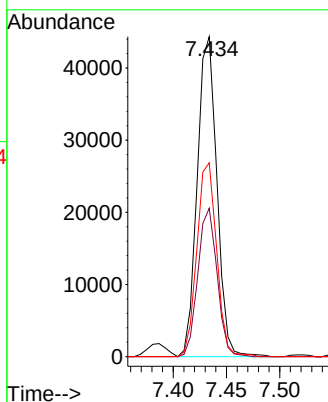
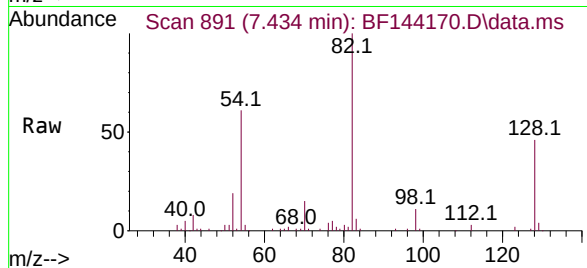
SSTDICC005

Tgt Ion:	82	Resp:	56744
Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.7	52.1
54	60.6	49.5	74.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#24

Nitrobenzene

Concen: 4.915 ng

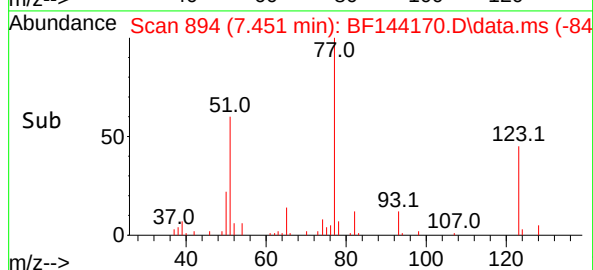
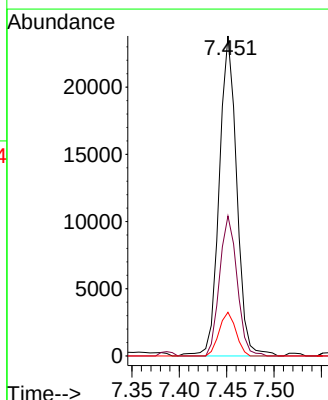
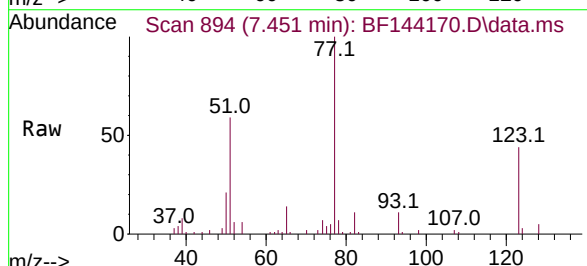
RT: 7.451 min Scan# 894

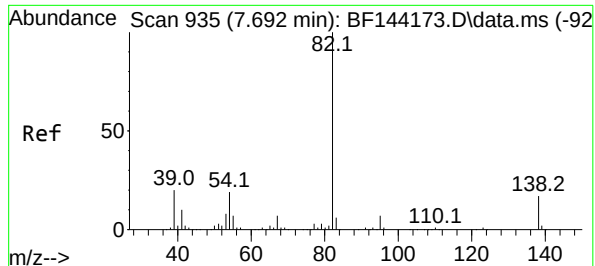
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

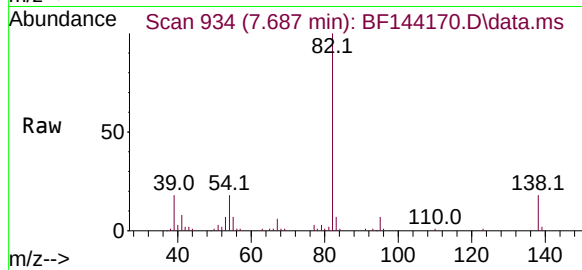
Tgt Ion:	77	Resp:	30574
Ion	Ratio	Lower	Upper
77	100		
123	43.7	35.8	53.8
65	13.6	12.2	18.2





#25
Isophorone
Concen: 5.028 ng
RT: 7.687 min Scan# 934
Delta R.T. -0.017 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

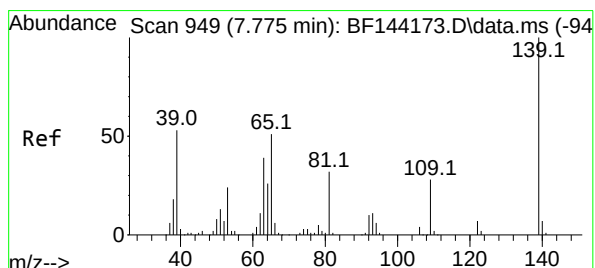
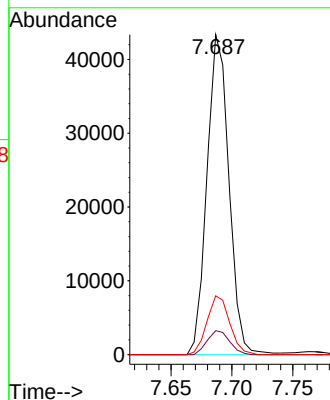
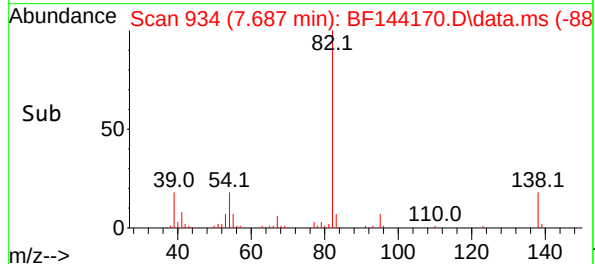
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 82 Resp: 5448
Ion Ratio Lower Upper
82 100
95 7.5 5.5 8.3
138 18.4 13.7 20.5

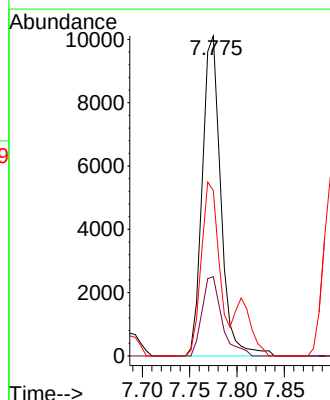
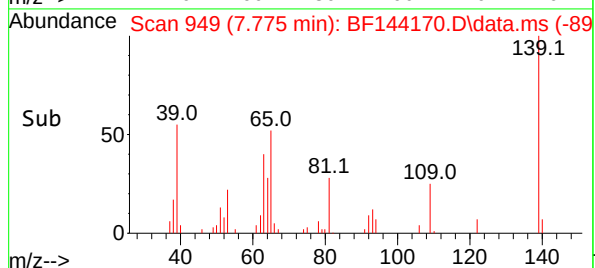
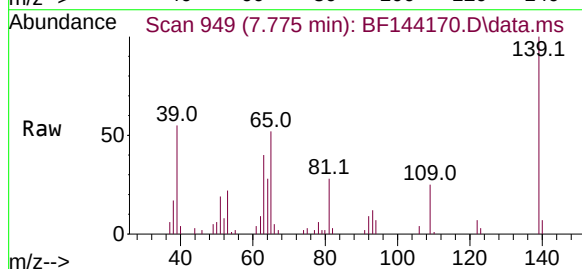
Manual Integrations
APPROVED

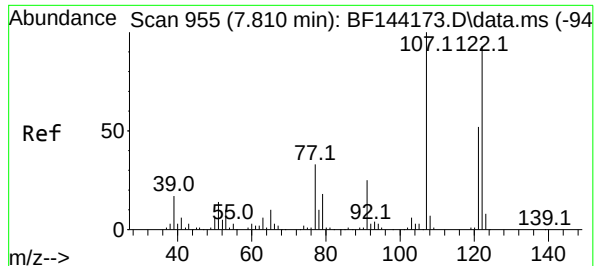
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#26
2-Nitrophenol
Concen: 4.478 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:139 Resp: 13789
Ion Ratio Lower Upper
139 100
109 24.8 22.2 33.2
65 51.7 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 5.045 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

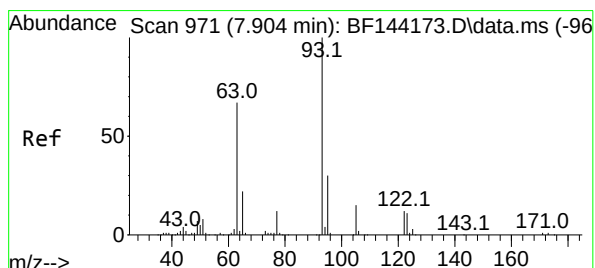
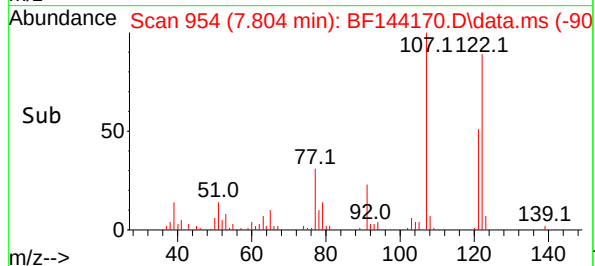
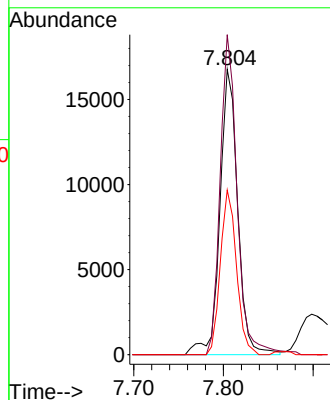
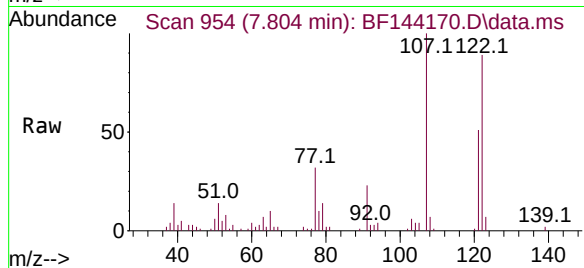
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.2	86.2	129.4
121	57.7	44.6	66.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 5.207 ng

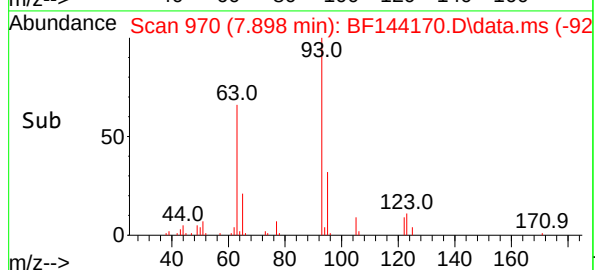
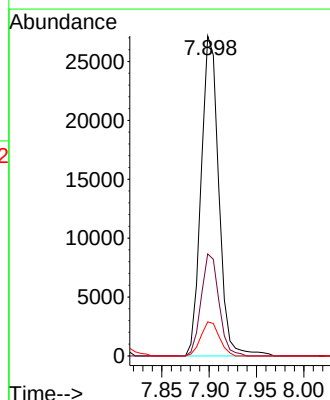
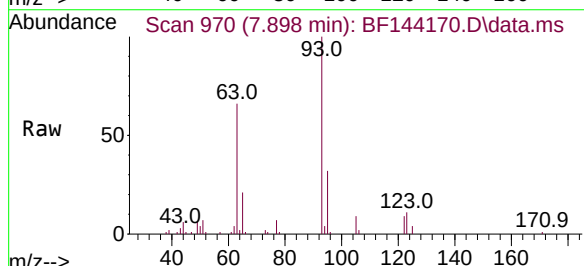
RT: 7.898 min Scan# 970

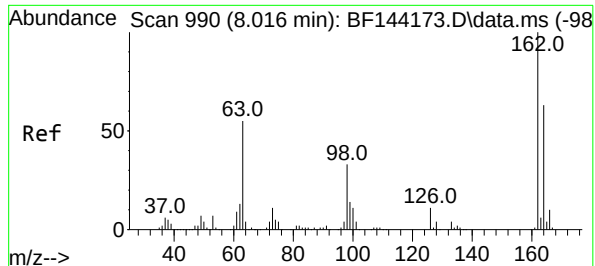
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	24.2	36.4
123	10.6	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 5.189 ng

RT: 8.016 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

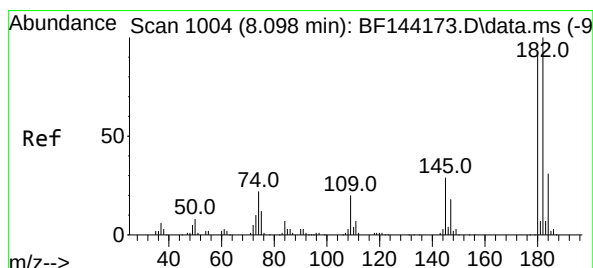
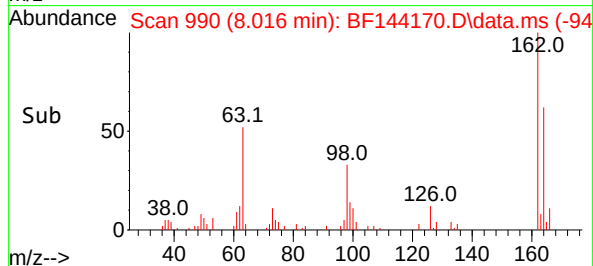
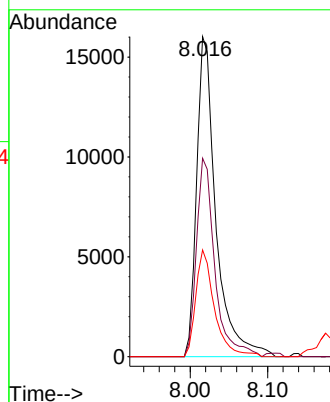
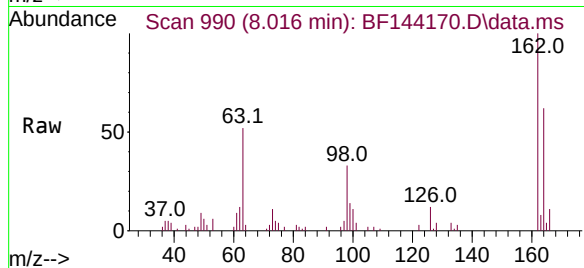
SSTDICC005

Tgt Ion:162	Resp:	27603
Ion Ratio	Lower	Upper
162	100	
164	62.0	42.9 82.9
98	33.3	13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.298 ng

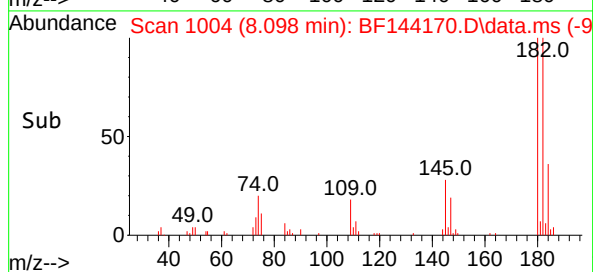
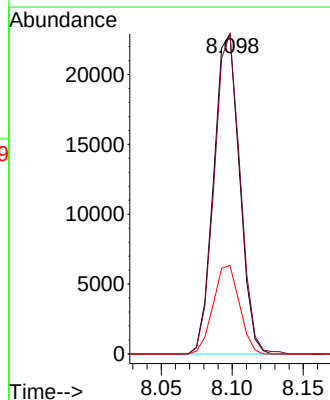
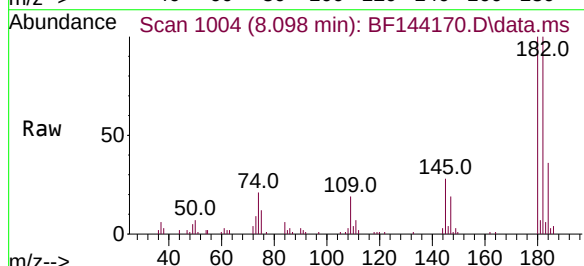
RT: 8.098 min Scan# 1004

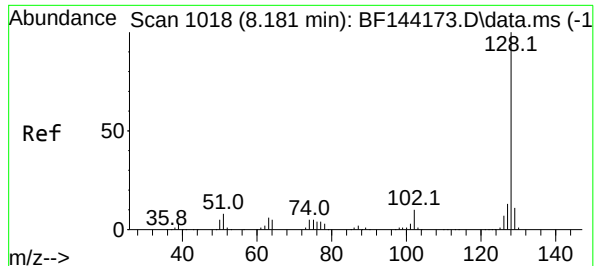
Delta R.T. 0.000 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:180	Resp:	28937
Ion Ratio	Lower	Upper
180	100	
182	100.0	87.7 131.5
145	27.6	25.4 38.0





#31

Naphthalene

Concen: 5.357 ng

RT: 8.175 min Scan# 1017

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:128 Resp: 84320

Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

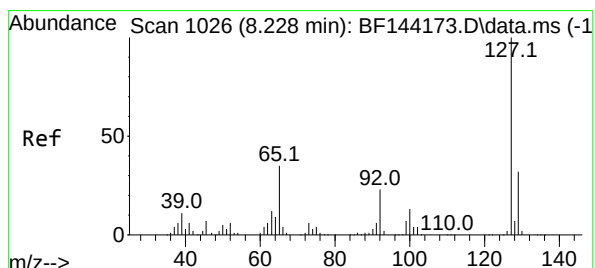
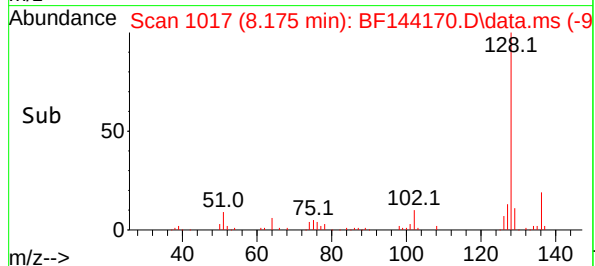
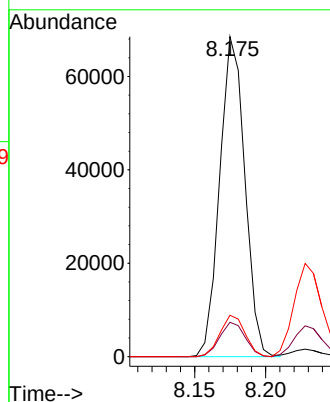
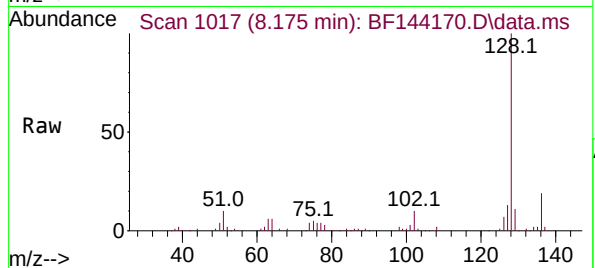
127 12.9 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#33

4-Chloroaniline

Concen: 5.157 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:127 Resp: 29602

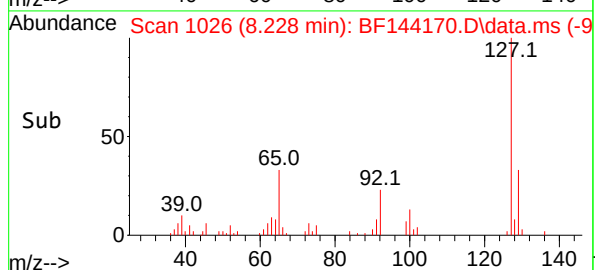
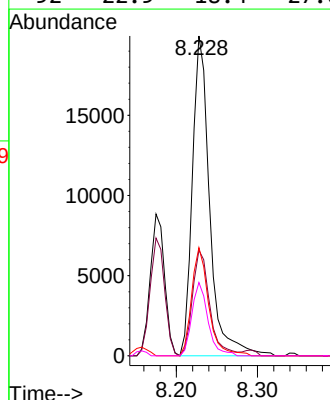
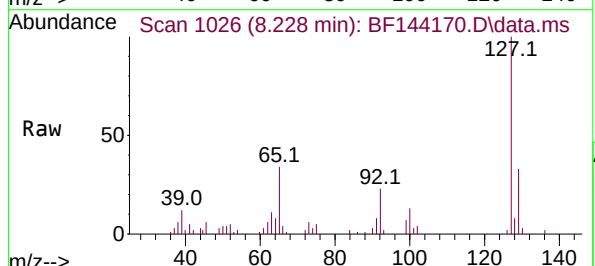
Ion Ratio Lower Upper

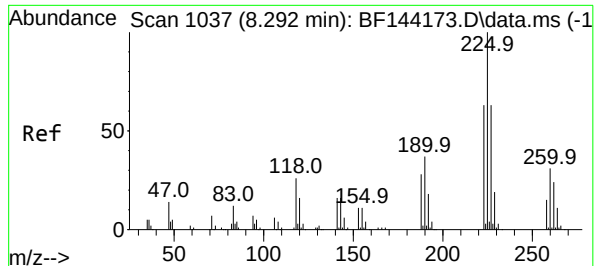
127 100

129 33.0 25.3 37.9

65 33.8 27.6 41.4

92 22.9 18.4 27.6





#34
Hexachlorobutadiene
Concen: 5.152 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

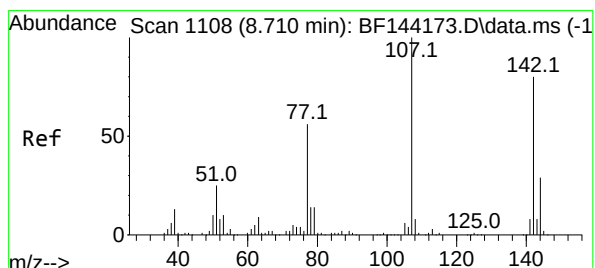
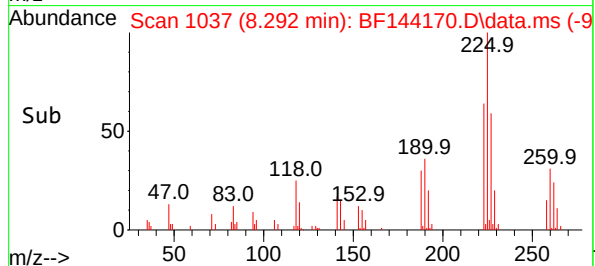
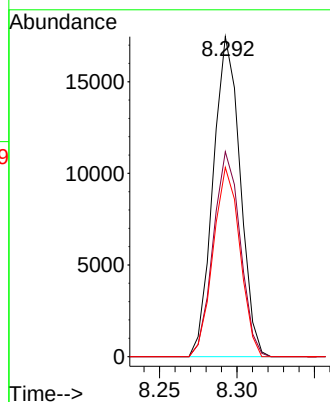
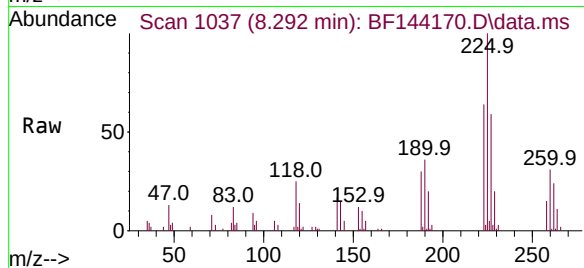
ClientSampleId :

SSTDICC005

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.2	75.4
227	59.1	50.1	75.1

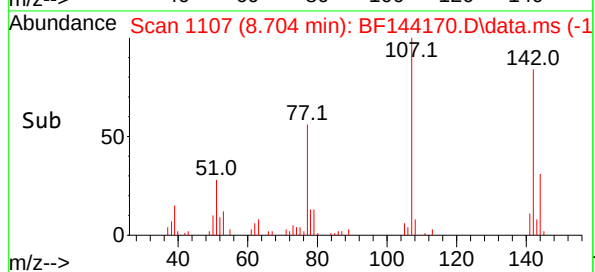
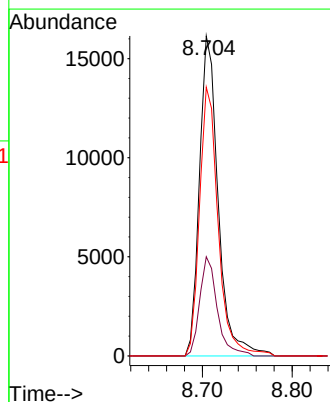
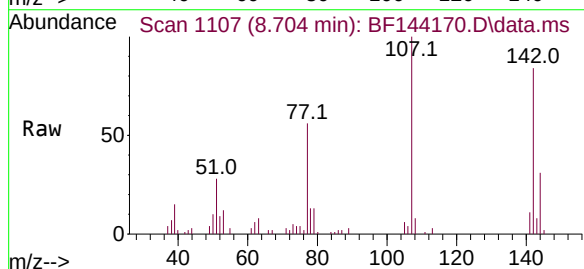
Manual Integrations
APPROVED

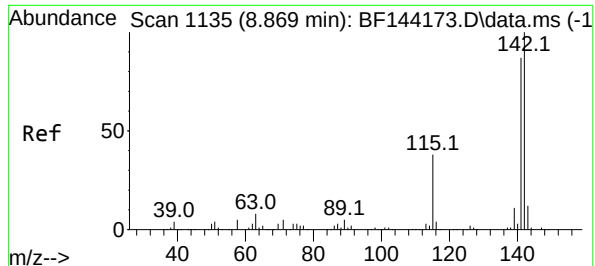
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#36
4-Chloro-3-methylphenol
Concen: 4.914 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	31.0	23.3	34.9
142	84.0	63.8	95.6





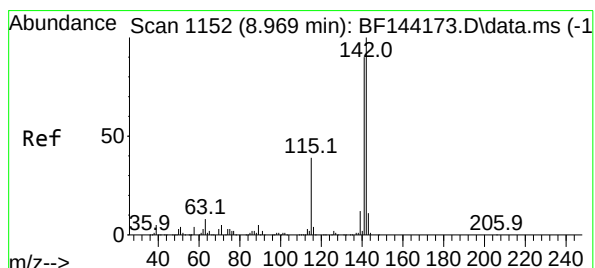
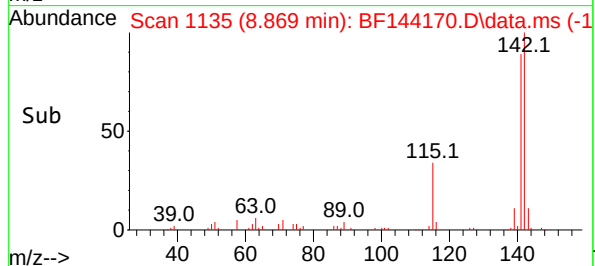
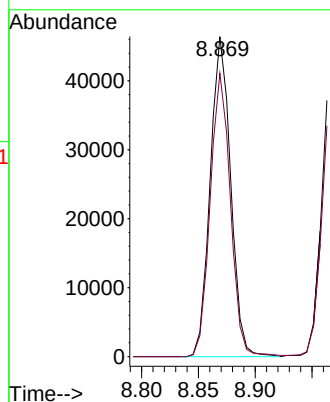
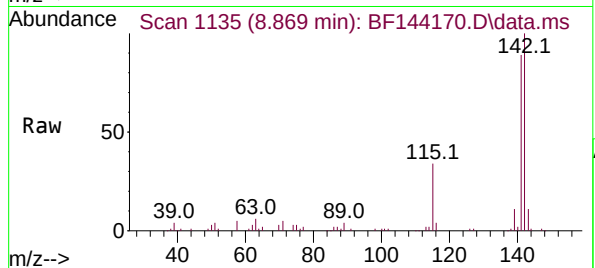
#37
2-Methylnaphthalene
Concen: 5.520 ng
RT: 8.869 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 5808
Ion Ratio Lower Upper
142 100
141 88.5 69.9 104.9

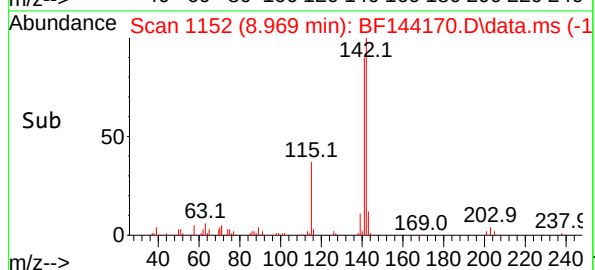
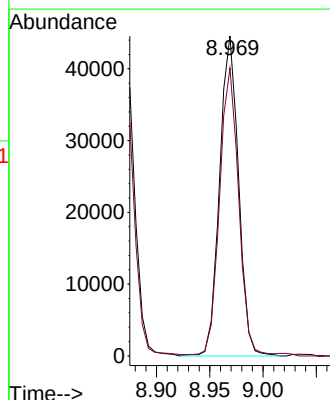
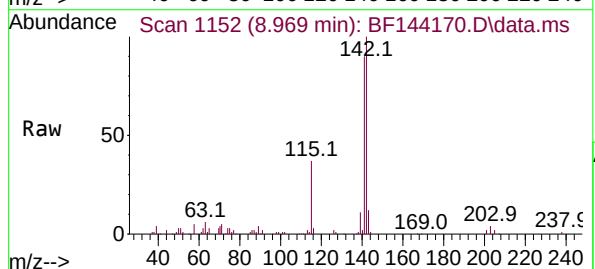
Manual Integrations
APPROVED

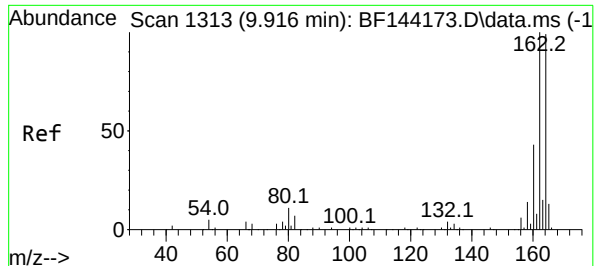
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#38
1-Methylnaphthalene
Concen: 5.431 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:142 Resp: 55152
Ion Ratio Lower Upper
142 100
141 89.9 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144170.D

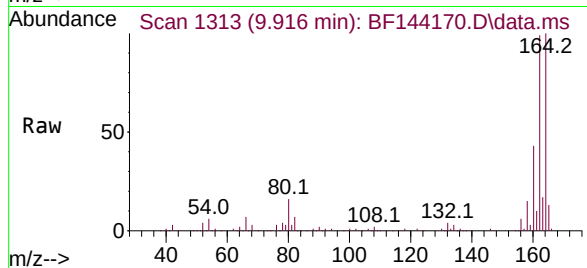
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:164 Resp: 188000

Ion Ratio Lower Upper

164 100

162 99.4 81.1 121.7

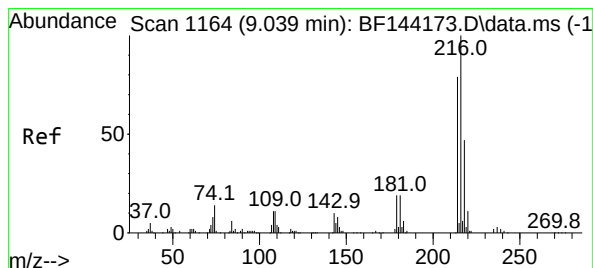
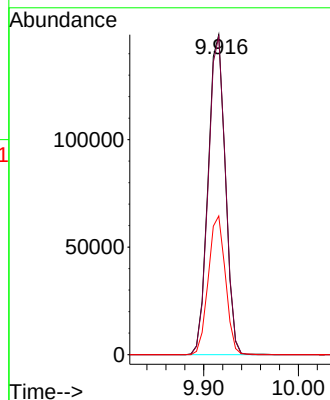
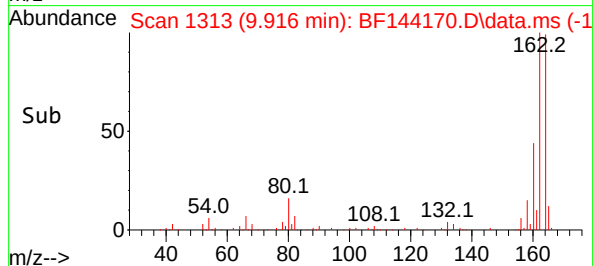
160 43.3 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#40

1,2,4,5-Tetrachlorobenzene

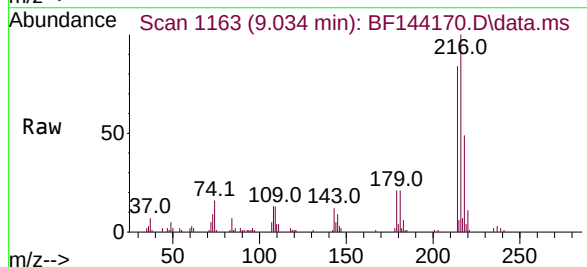
Concen: 5.165 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20



Tgt Ion:216 Resp: 31823

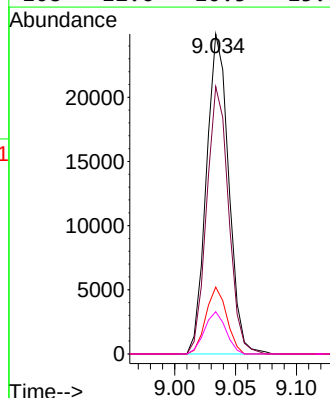
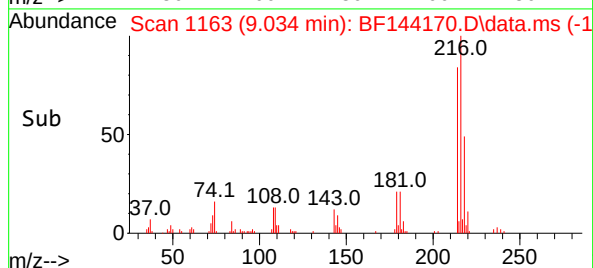
Ion Ratio Lower Upper

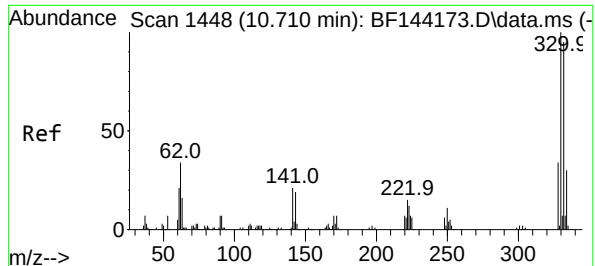
216 100

214 81.6 63.4 95.2

179 19.4 15.0 22.4

108 12.6 10.5 15.7





#42
2,4,6-Tribromophenol
Concen: 9.647 ng
RT: 10.704 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

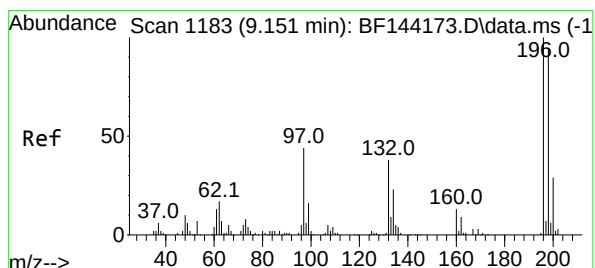
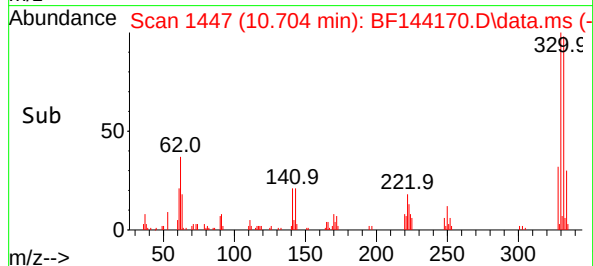
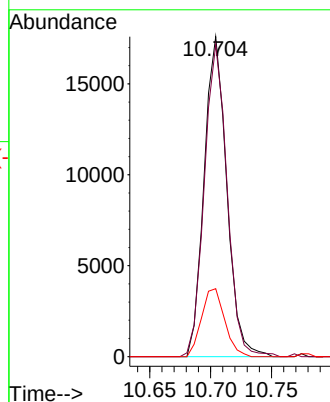
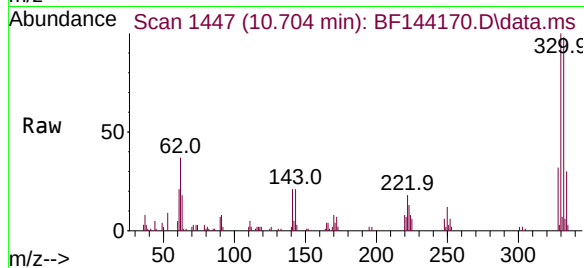
Tgt Ion: 330 Resp: 22758
Ion Ratio Lower Upper
330 100
332 98.0 76.7 115.1
141 21.8 17.8 26.8

Manual Integrations

APPROVED

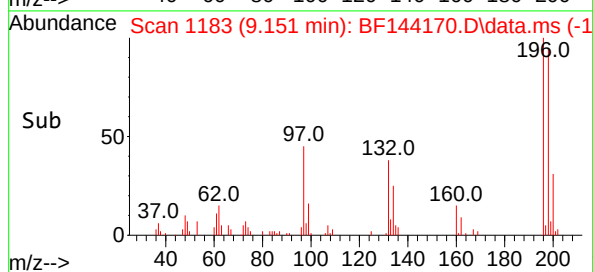
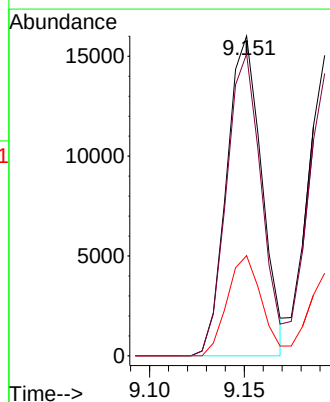
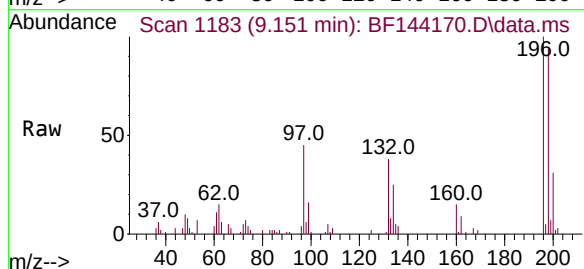
Reviewed By :Rahul Chavli 11/06/2025

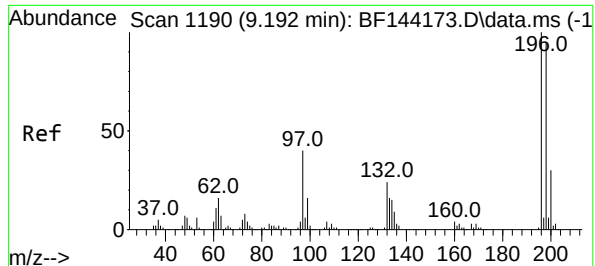
Supervised By :Jagrut Upadhyay 11/06/2025



#43
2,4,6-Trichlorophenol
Concen: 4.933 ng
RT: 9.151 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

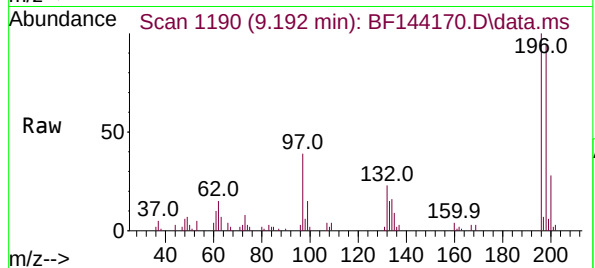
Tgt Ion: 196 Resp: 20685
Ion Ratio Lower Upper
196 100
198 94.4 75.3 112.9
200 31.3 23.4 35.2





#44
2,4,5-Trichlorophenol
Concen: 5.165 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

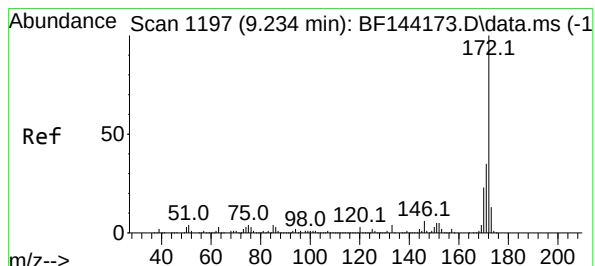
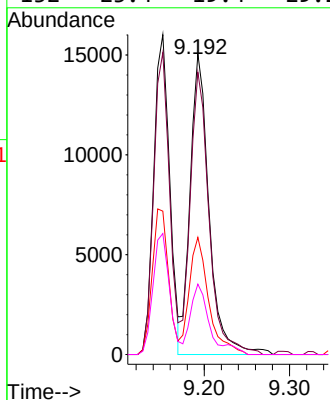
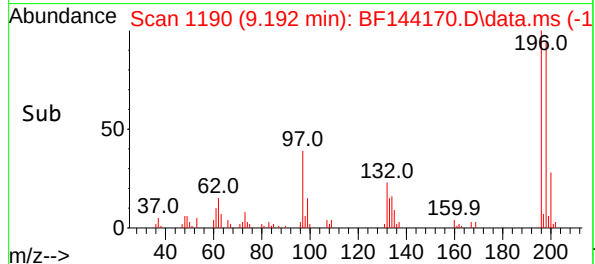
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



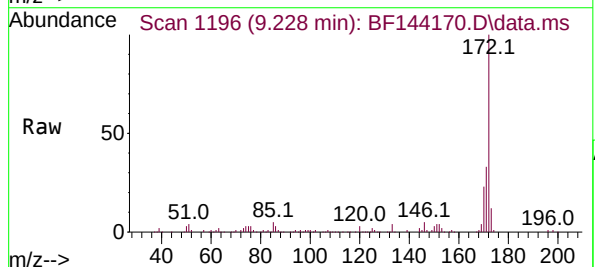
Tgt Ion:196 Resp: 23346
Ion Ratio Lower Upper
196 100
198 93.9 76.1 114.1
97 39.0 31.9 47.9
132 23.4 19.4 29.2

Manual Integrations
APPROVED

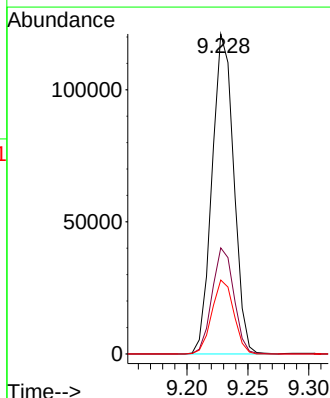
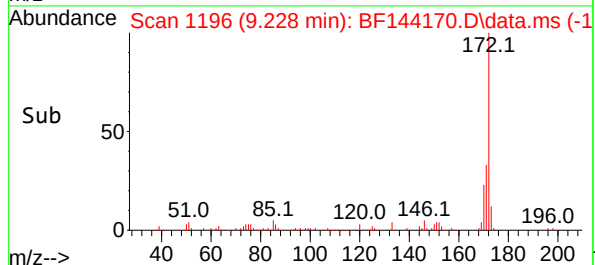
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

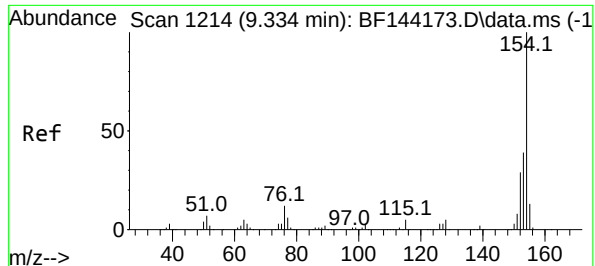


#45
2-Fluorobiphenyl
Concen: 11.803 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



Tgt Ion:172 Resp: 150248
Ion Ratio Lower Upper
172 100
171 33.1 28.1 42.1
170 23.1 18.6 28.0





#46

1,1'-Biphenyl

Concen: 5.496 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

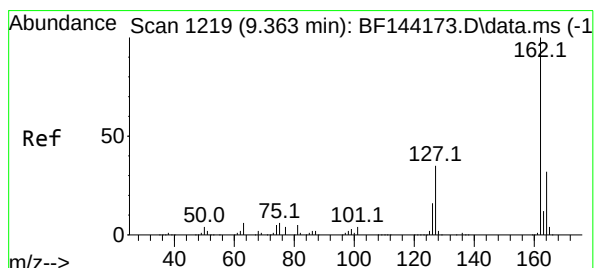
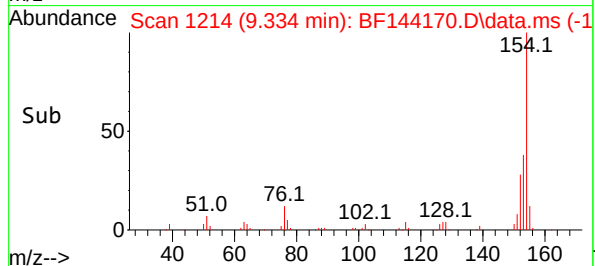
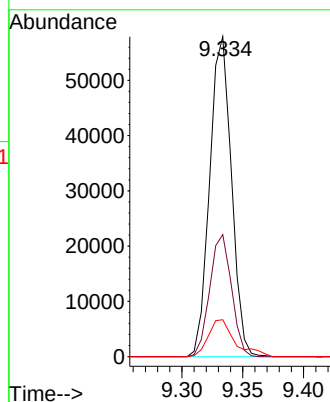
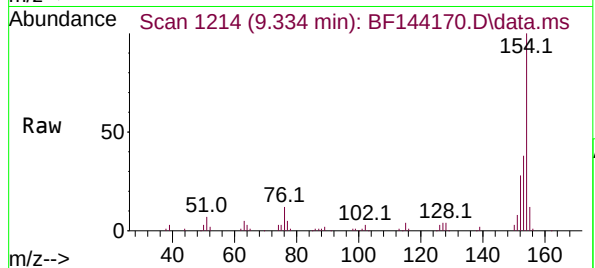
Tgt Ion:154	Resp:	7212
Ion Ratio	Lower	Upper
154	100	
153	38.1	19.2 59.2
76	11.5	0.0 31.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#47

2-Chloronaphthalene

Concen: 5.470 ng

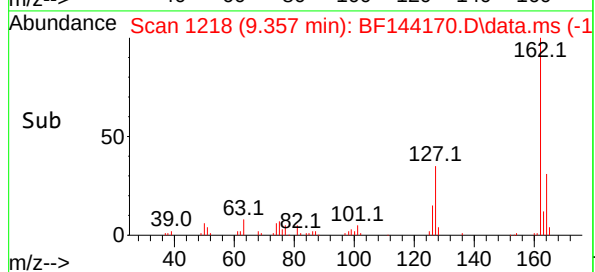
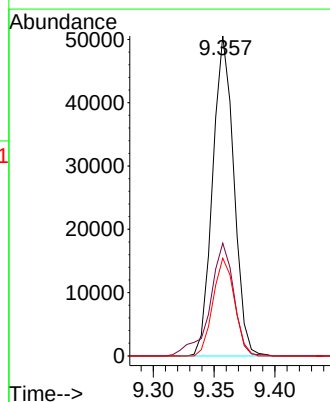
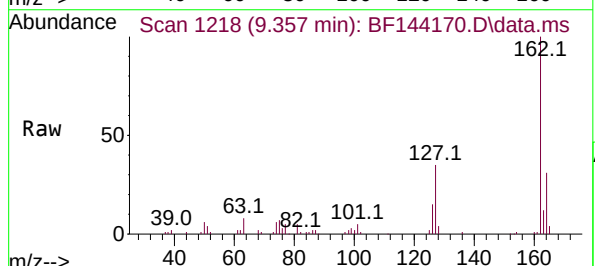
RT: 9.357 min Scan# 1218

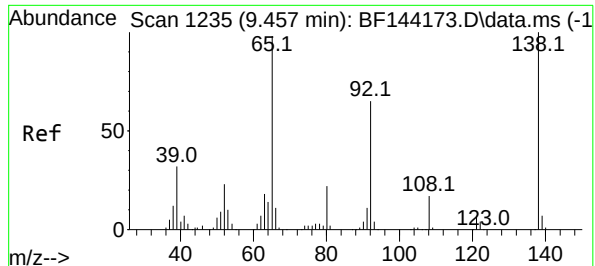
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

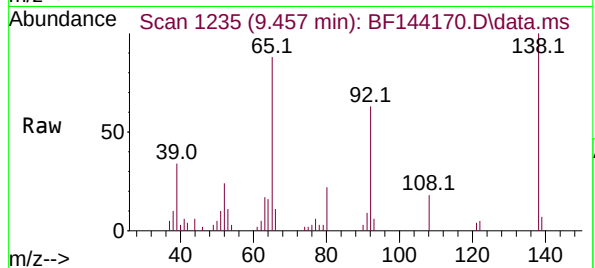
Tgt Ion:162	Resp:	61232
Ion Ratio	Lower	Upper
162	100	
127	35.2	28.8 43.2
164	30.5	25.8 38.8





#48
2-Nitroaniline
Concen: 4.399 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

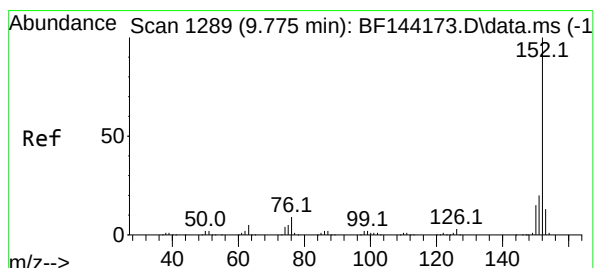
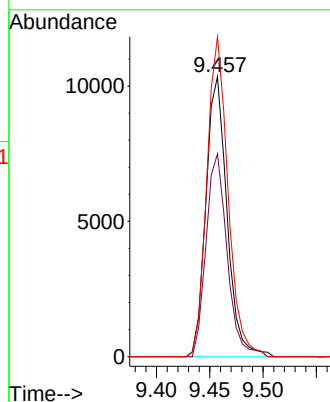
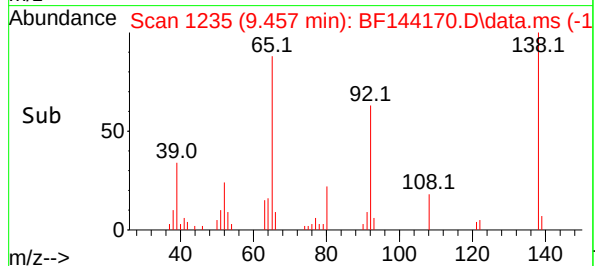
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 65 Resp: 14208
Ion Ratio Lower Upper
65 100
92 72.4 53.0 79.6
138 114.3 81.6 122.4

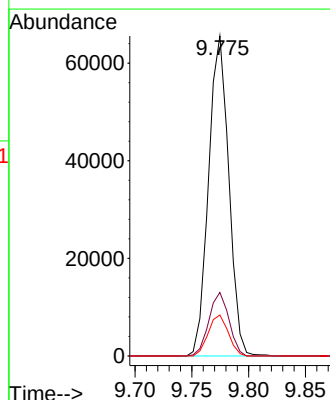
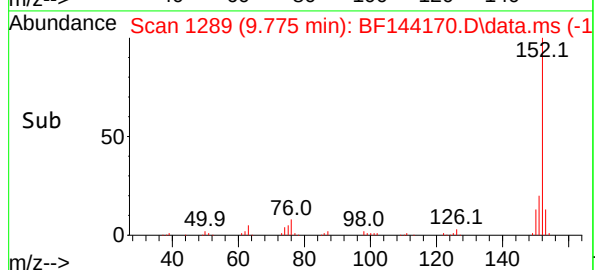
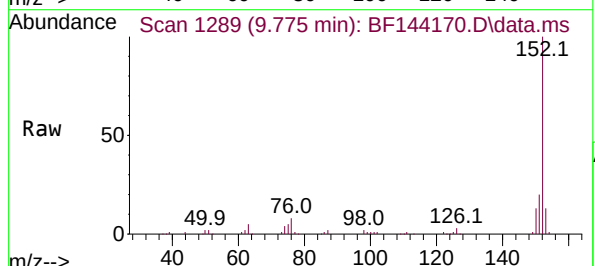
Manual Integrations
APPROVED

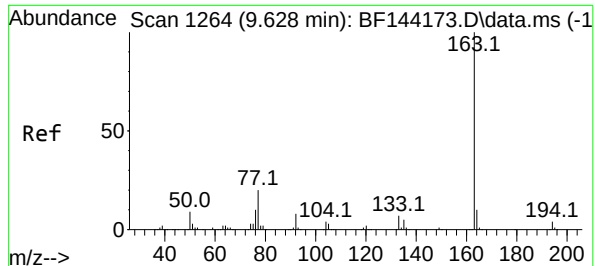
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#49
Acenaphthylene
Concen: 5.321 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

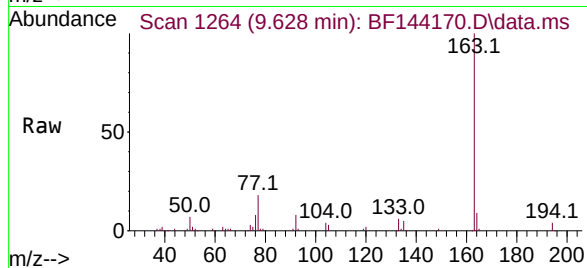
Tgt Ion:152 Resp: 81168
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 12.8 10.5 15.7





#50
Dimethylphthalate
Concen: 5.423 ng
RT: 9.628 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

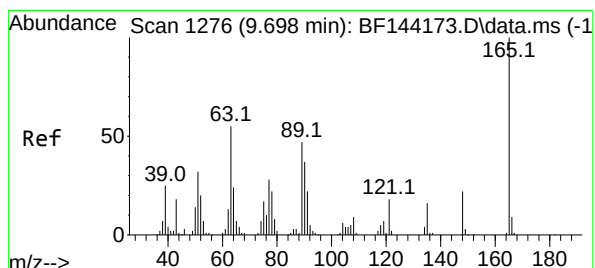
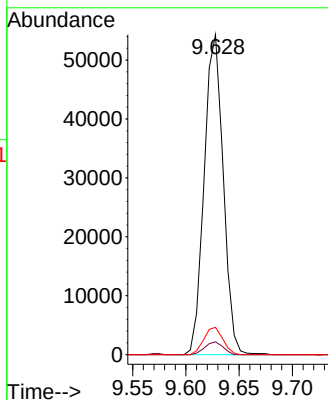
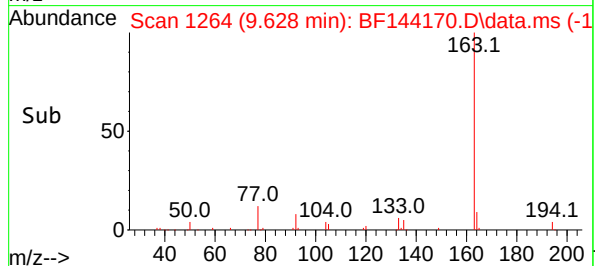
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



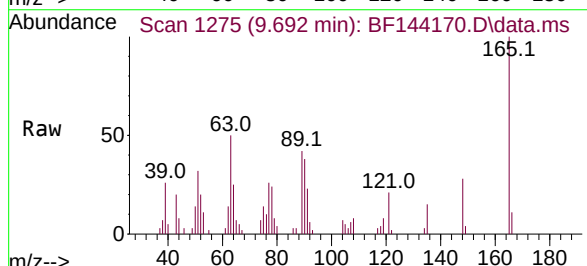
Tgt Ion:163 Resp: 67538
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 8.5 8.1 12.1

Manual Integrations
APPROVED

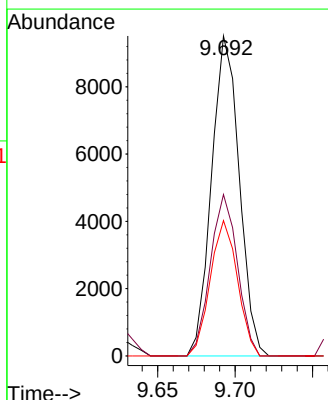
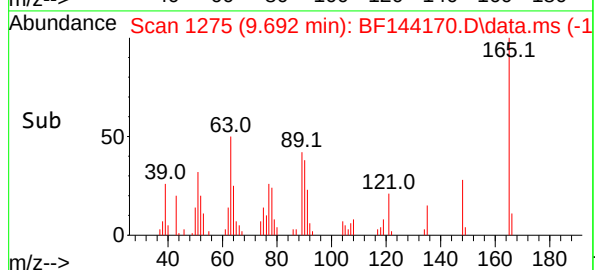
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

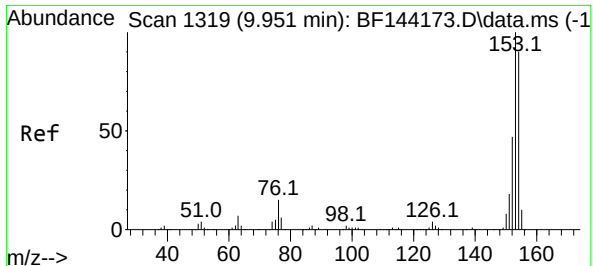


#51
2,6-Dinitrotoluene
Concen: 4.684 ng
RT: 9.692 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



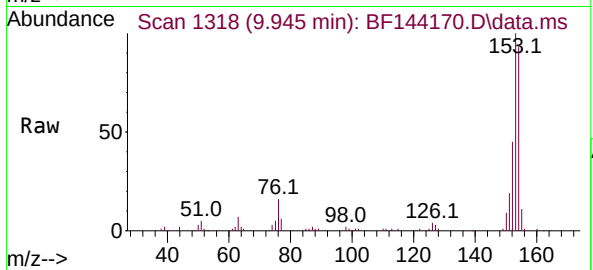
Tgt Ion:165 Resp: 11809
Ion Ratio Lower Upper
165 100
63 50.5 43.8 65.8
89 42.3 37.5 56.3





#52
Acenaphthene
Concen: 5.241 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

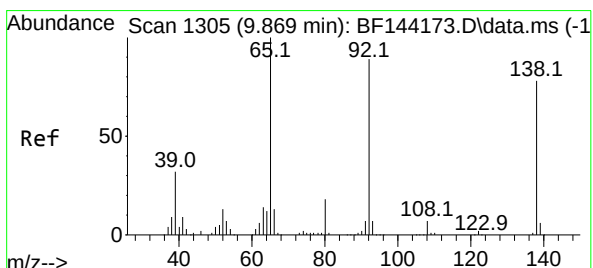
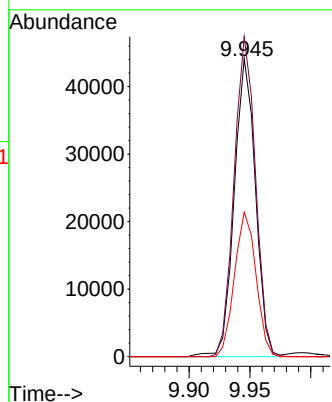
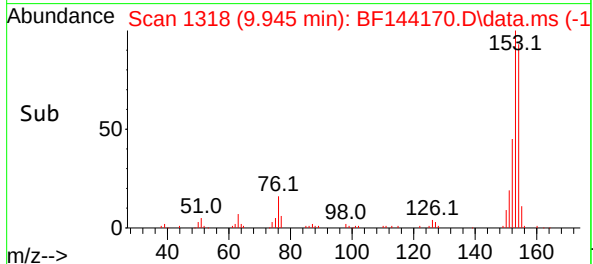
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 53468
Ion Ratio Lower Upper
154 100
153 107.4 89.0 133.4
152 48.5 42.2 63.4

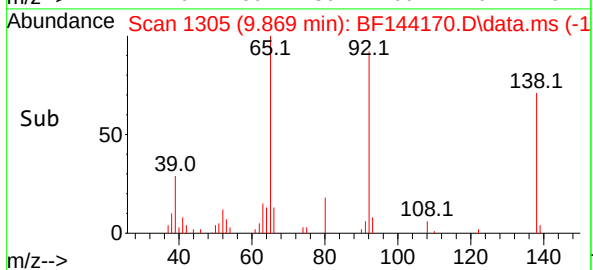
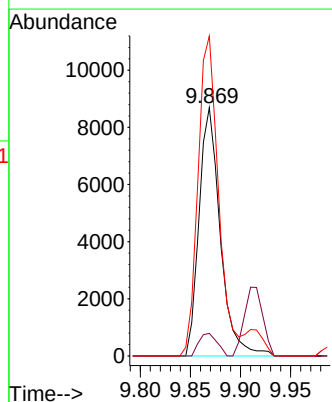
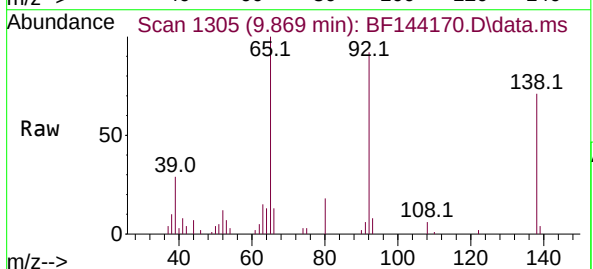
Manual Integrations
APPROVED

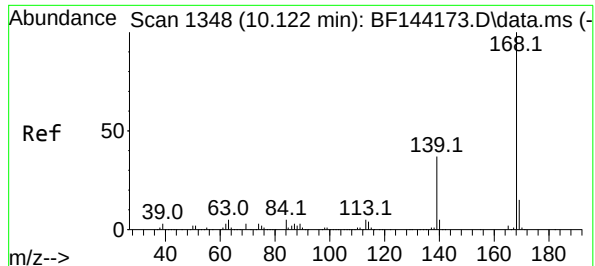
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#53
3-Nitroaniline
Concen: 4.626 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:138 Resp: 12750
Ion Ratio Lower Upper
138 100
108 9.0 7.5 11.3
92 128.9 91.8 137.6





#55

Dibenzenofuran

Concen: 5.409 ng

RT: 10.116 min Scan# 1347

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:168 Resp: 77278

Ion Ratio Lower Upper

168 100

139 36.2 30.2 45.2

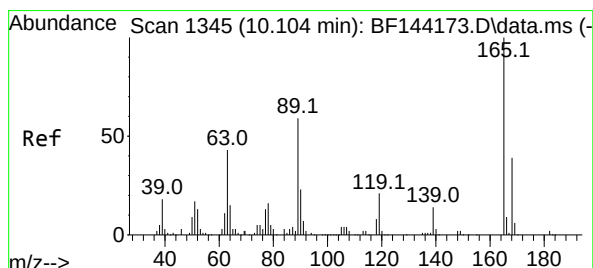
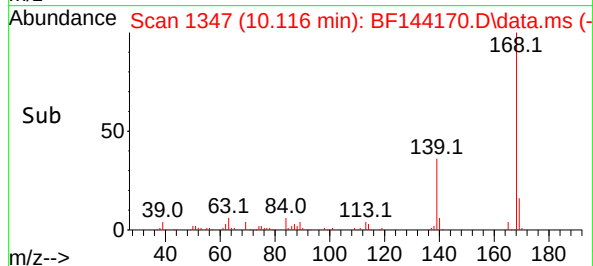
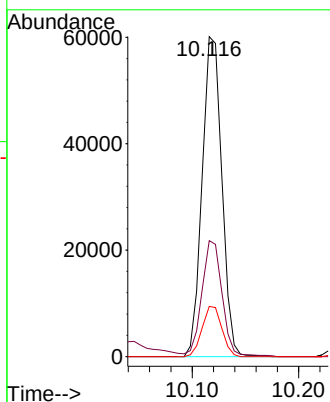
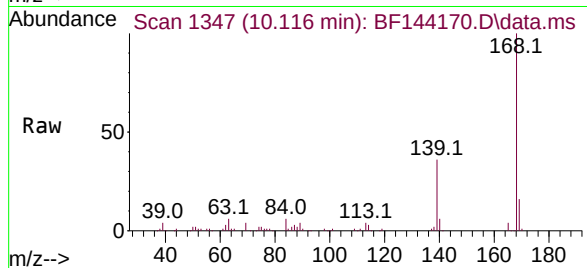
169 15.7 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#57

2,4-Dinitrotoluene

Concen: 4.485 ng

RT: 10.098 min Scan# 1344

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:165 Resp: 15136

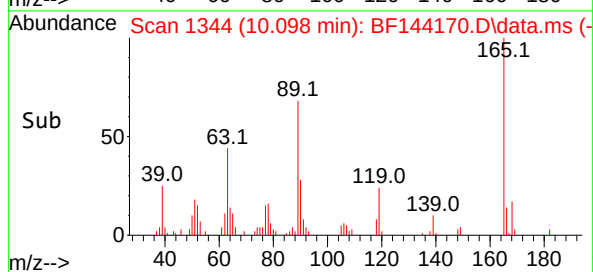
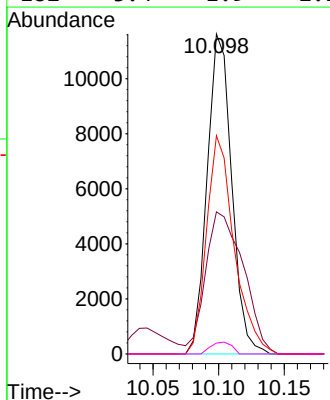
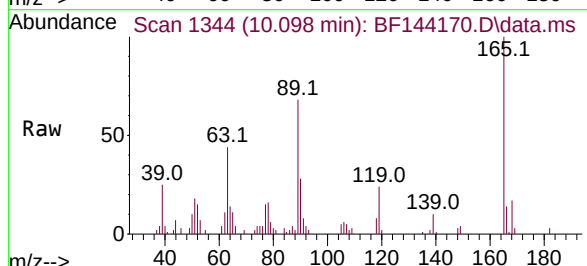
Ion Ratio Lower Upper

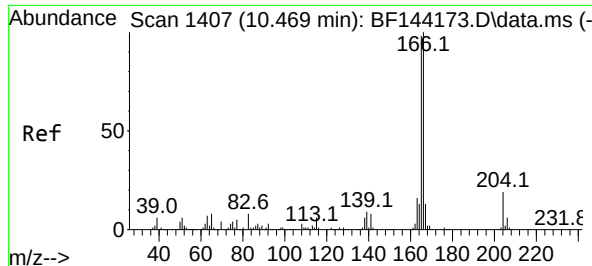
165 100

63 44.4 35.5 53.3

89 68.2 47.4 71.2

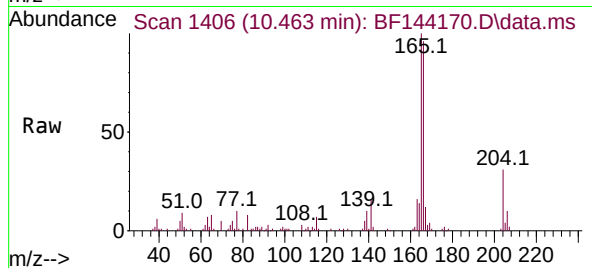
182 3.4 1.9 2.9#





#58
Fluorene
Concen: 5.605 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

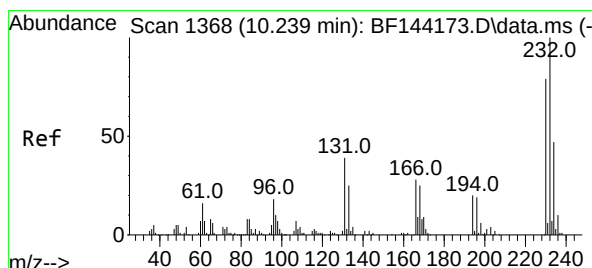
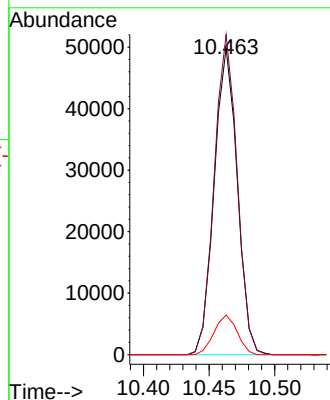
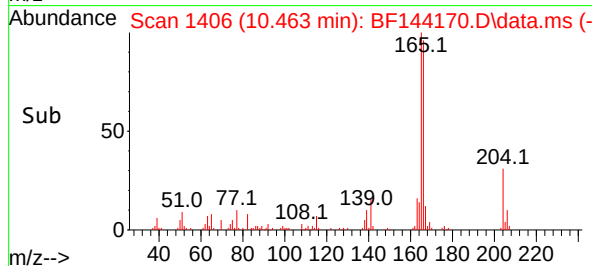
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:166 Resp: 60881
Ion Ratio Lower Upper
166 100
165 104.5 78.6 118.0
167 12.9 10.4 15.6

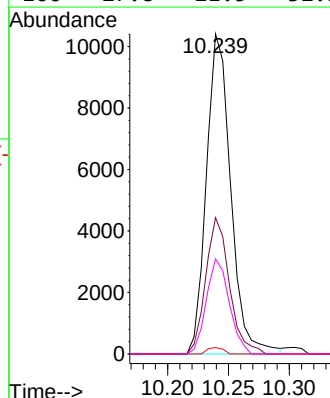
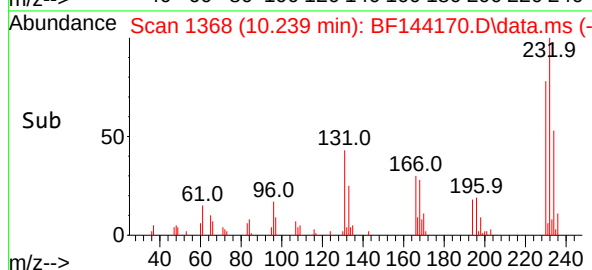
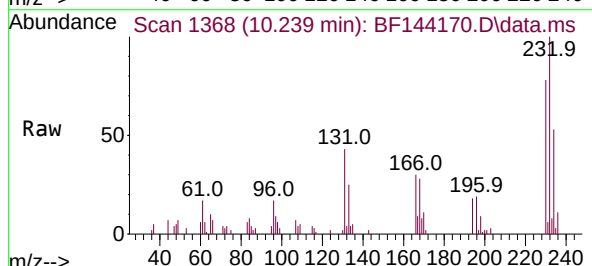
Manual Integrations
APPROVED

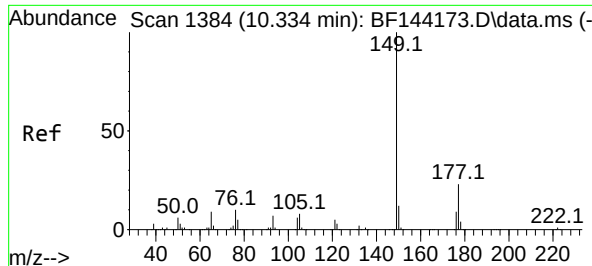
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.525 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

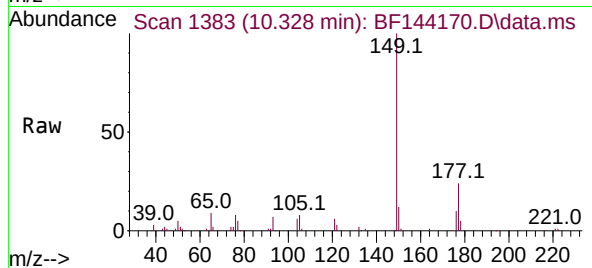
Tgt Ion:232 Resp: 14470
Ion Ratio Lower Upper
232 100
131 41.4 30.3 45.5
130 1.3 1.2 1.8
166 27.8 21.5 32.3





#60
Diethylphthalate
Concen: 5.297 ng
RT: 10.328 min Scan# 1383
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

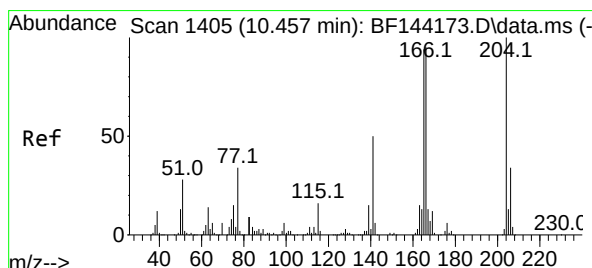
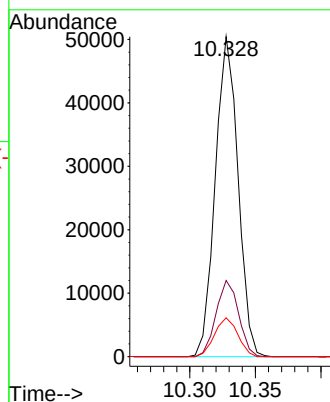
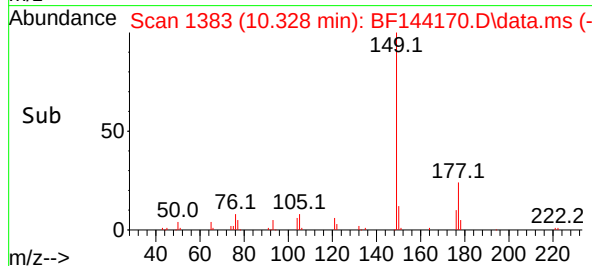
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



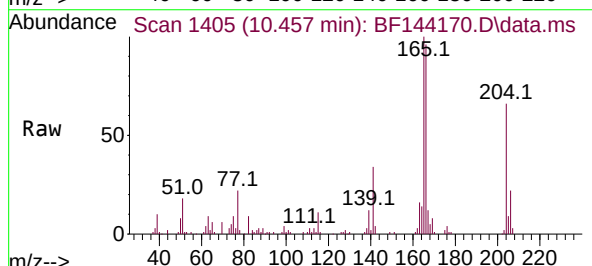
Tgt Ion:149 Resp: 60815
Ion Ratio Lower Upper
149 100
177 23.8 18.3 27.5
150 12.1 9.8 14.6

Manual Integrations
APPROVED

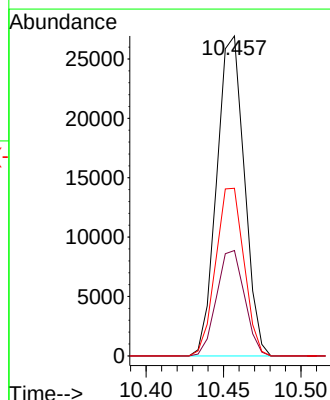
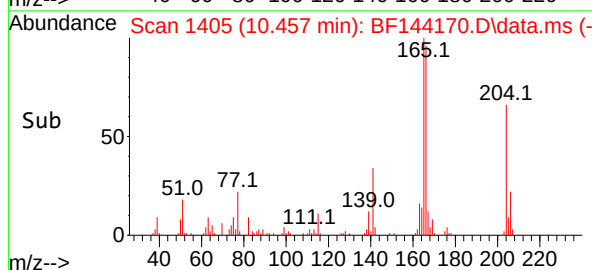
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

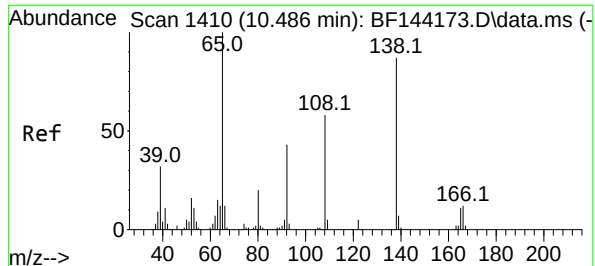


#61
4-Chlorophenyl-phenylether
Concen: 5.401 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



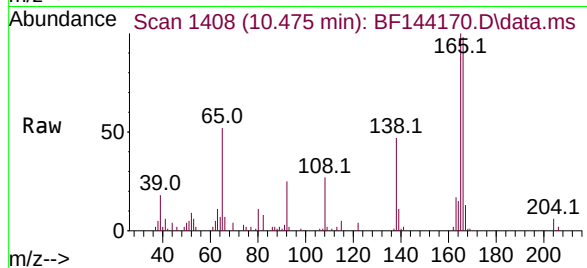
Tgt Ion:204 Resp: 33416
Ion Ratio Lower Upper
204 100
206 32.9 27.4 41.2
141 52.4 40.0 60.0





#62
4-Nitroaniline
Concen: 4.895 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.023 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

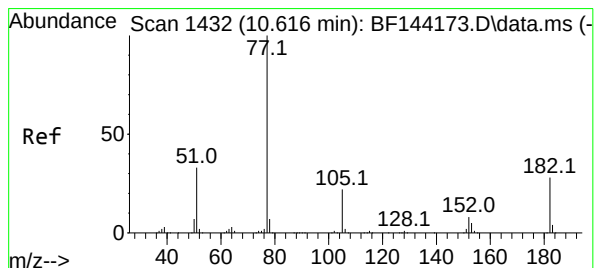
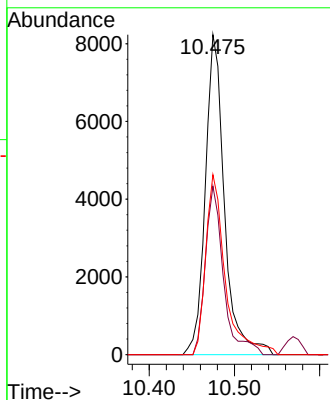
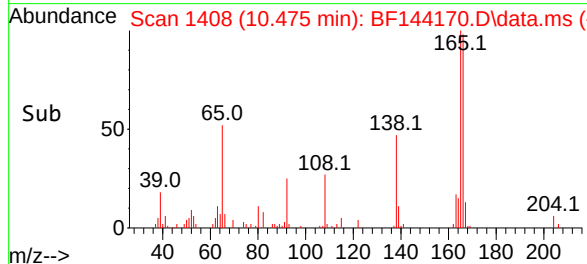
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:138 Resp: 1284
Ion Ratio Lower Upper
138 100
92 52.6 29.4 69.4
108 56.2 46.4 86.4

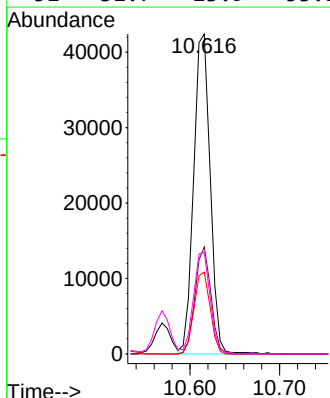
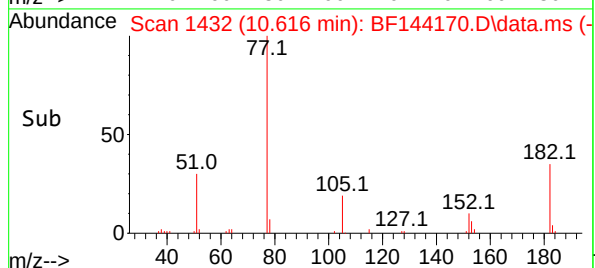
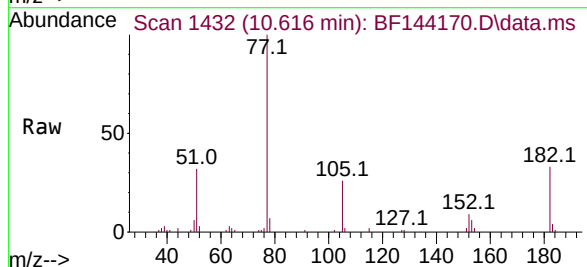
Manual Integrations
APPROVED

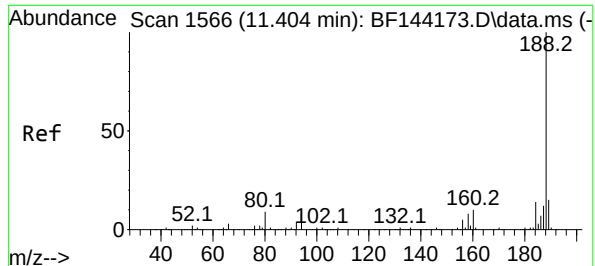
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#63
Azobenzene
Concen: 5.089 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

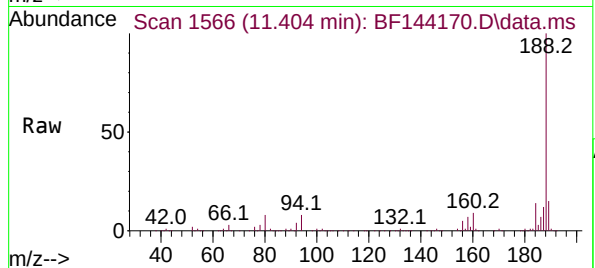
Tgt Ion: 77 Resp: 54383
Ion Ratio Lower Upper
77 100
182 33.4 8.1 48.1
105 25.6 2.0 42.0
51 31.7 13.9 53.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

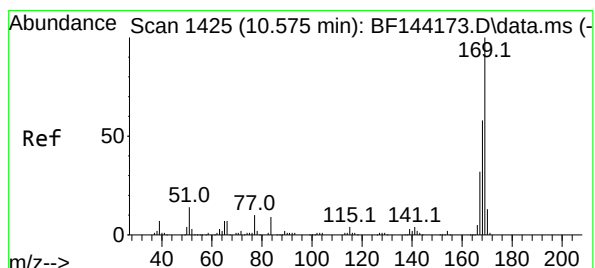
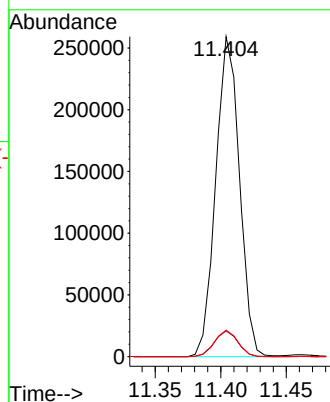
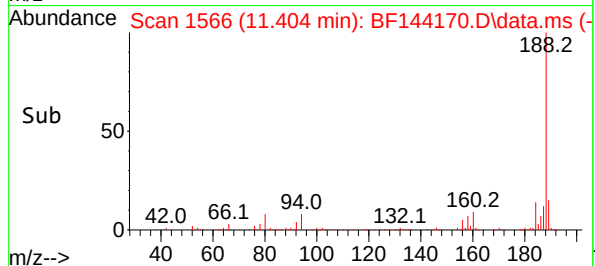
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:188 Resp: 32656
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.2
80 8.3 6.9 10.3

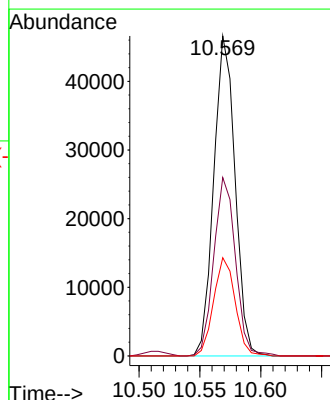
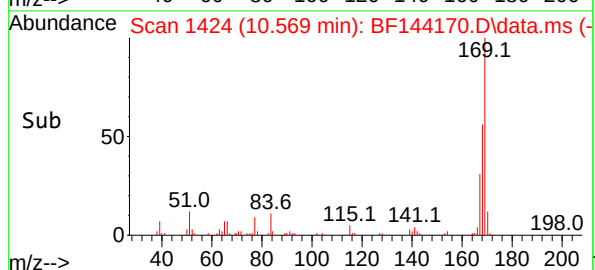
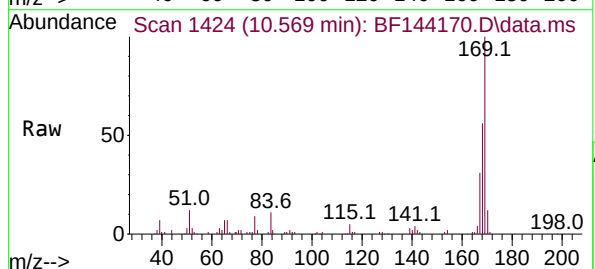
Manual Integrations
APPROVED

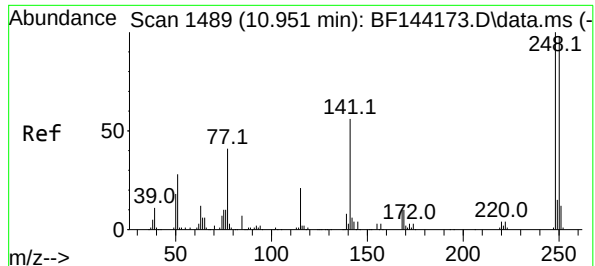
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#66
n-Nitrosodiphenylamine
Concen: 5.401 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

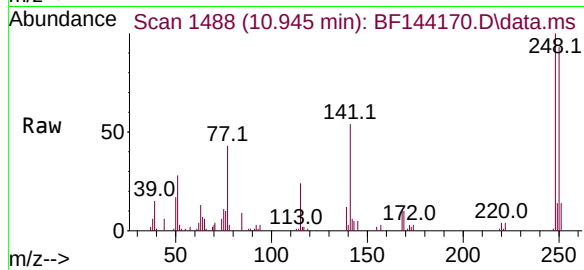
Tgt Ion:169 Resp: 56733
Ion Ratio Lower Upper
169 100
168 55.7 46.2 69.2
167 30.7 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 5.169 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

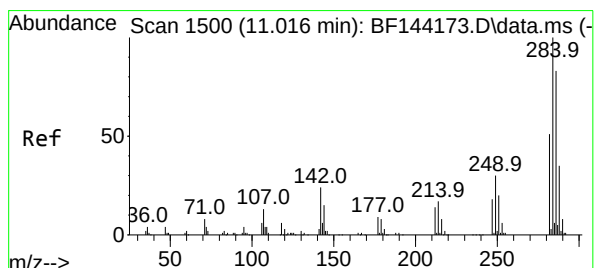
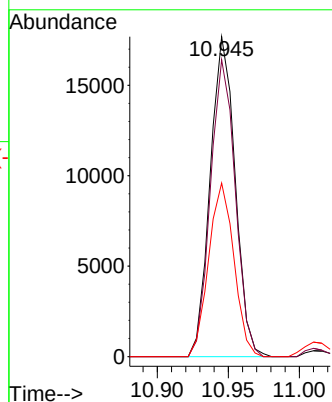
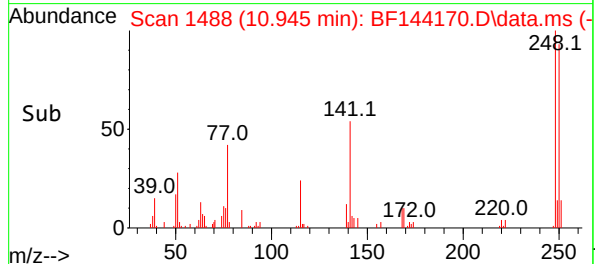
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



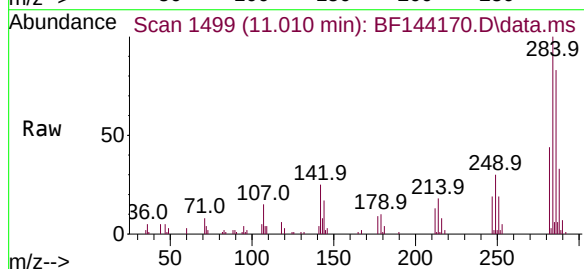
Tgt Ion:248 Resp: 2154
Ion Ratio Lower Upper
248 100
250 92.8 78.4 117.6
141 54.2 45.1 67.7

Manual Integrations
APPROVED

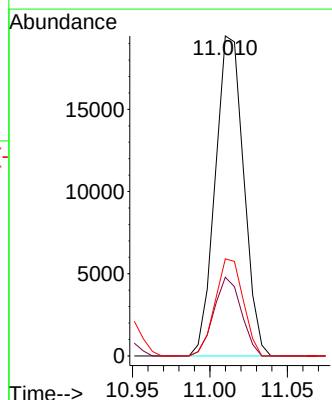
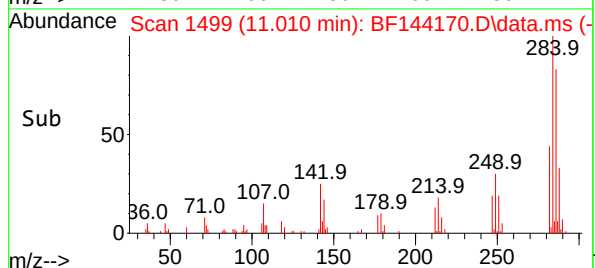
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

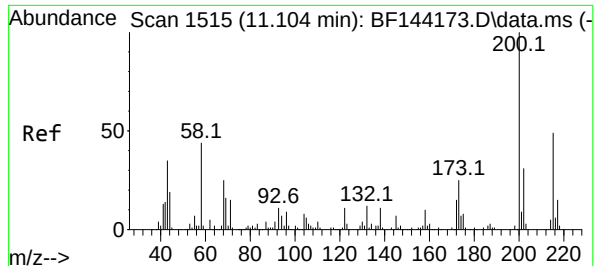


#68
Hexachlorobenzene
Concen: 5.082 ng
RT: 11.010 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



Tgt Ion:284 Resp: 24951
Ion Ratio Lower Upper
284 100
142 24.6 19.2 28.8
249 30.3 23.8 35.8





#69

Atrazine

Concen: 5.253 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:200 Resp: 17546

Ion Ratio Lower Upper

200 100

173 29.3 5.0 45.0

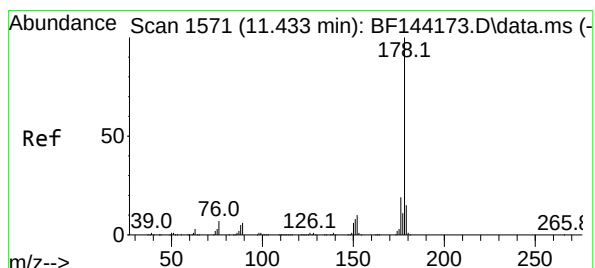
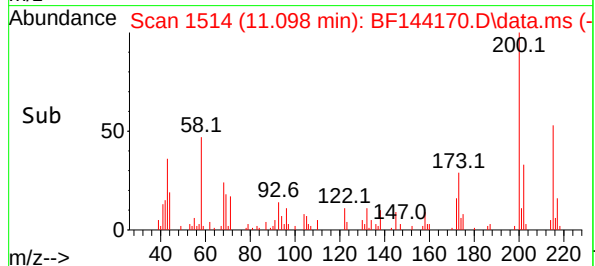
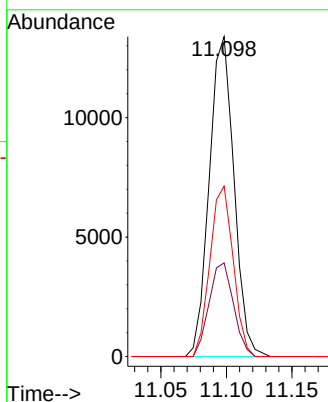
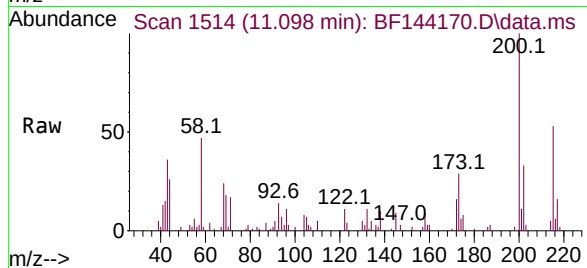
215 53.3 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#71

Phenanthrene

Concen: 5.537 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

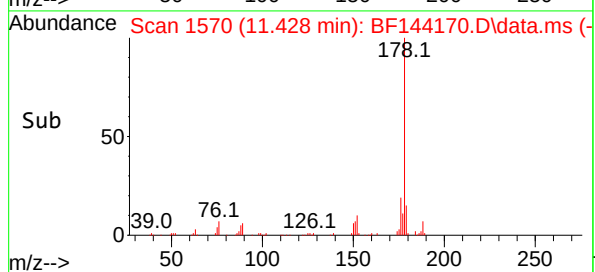
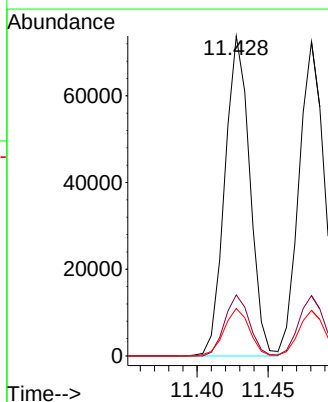
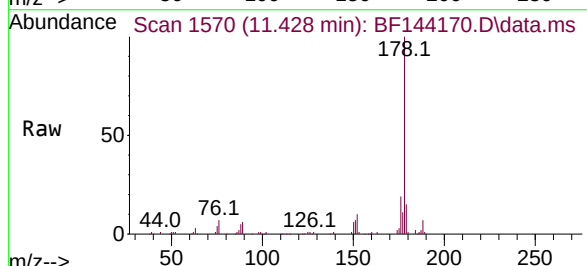
Tgt Ion:178 Resp: 90035

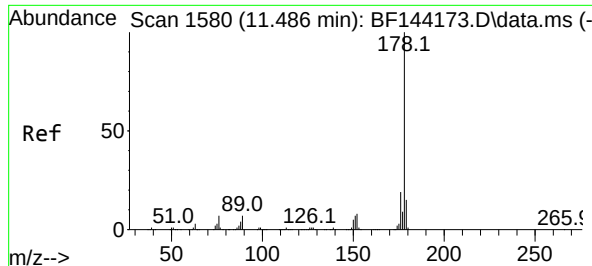
Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 14.8 12.2 18.4





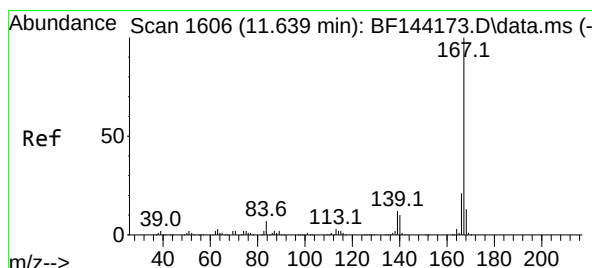
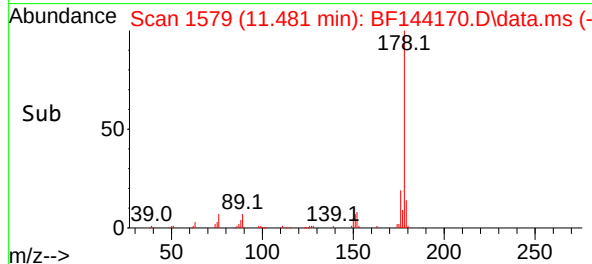
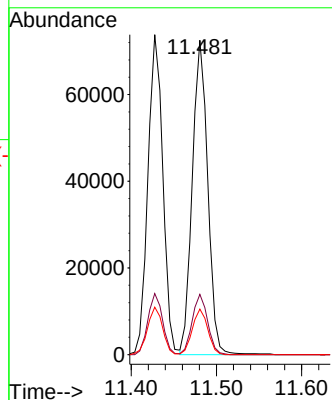
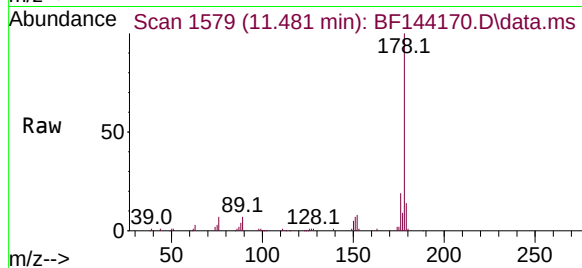
#72
 Anthracene
 Concen: 5.529 ng
 RT: 11.481 min Scan# 11416
 Delta R.T. -0.006 min
 Lab File: BF144170.D
 Acq: 05 Nov 2025 13:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Tgt Ion:178 Resp: 91416
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.3 22.9
 179 14.5 12.0 18.0

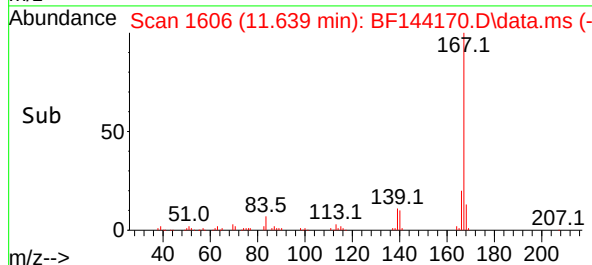
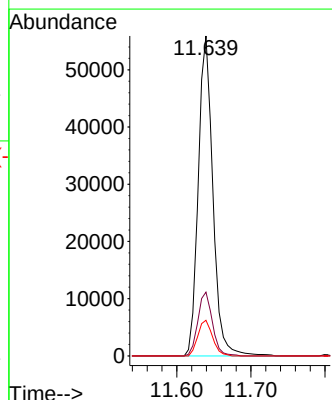
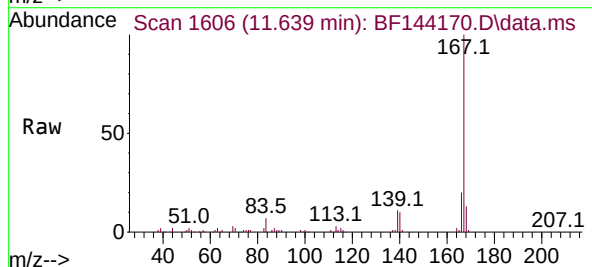
Manual Integrations
 APPROVED

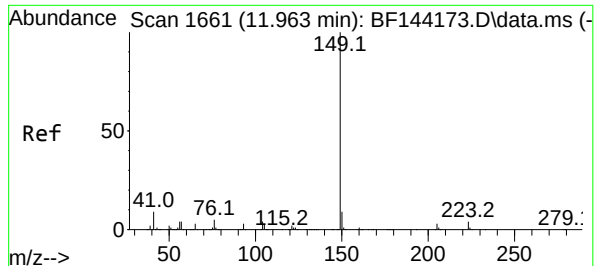
Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025



#73
 Carbazole
 Concen: 5.449 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF144170.D
 Acq: 05 Nov 2025 13:20

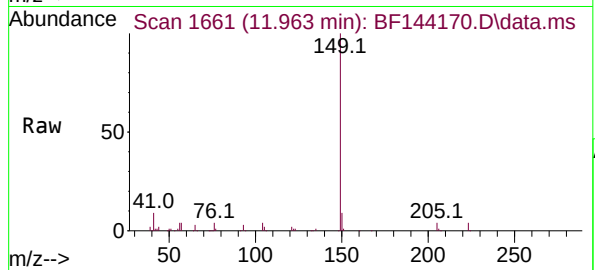
Tgt Ion:167 Resp: 76605
 Ion Ratio Lower Upper
 167 100
 166 19.9 17.2 25.8
 139 11.1 9.9 14.9





#74
Di-n-butylphthalate
Concen: 5.163 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

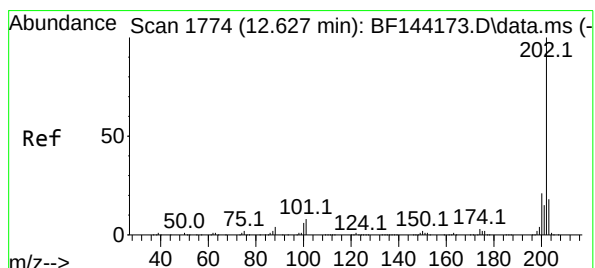
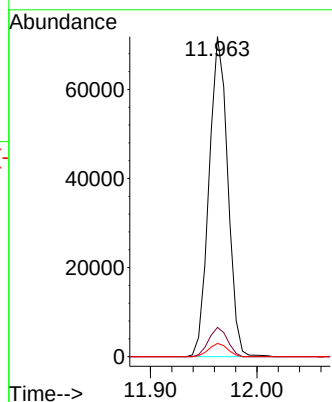
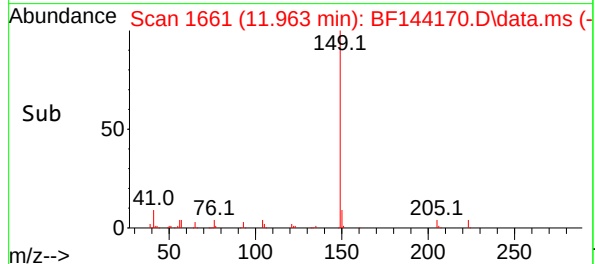
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



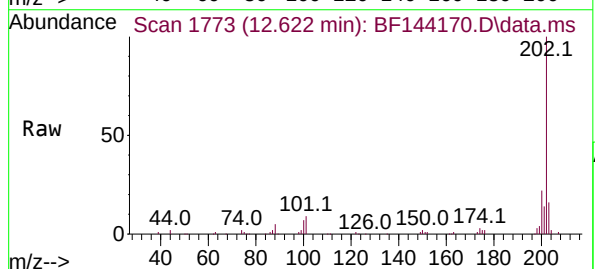
Tgt Ion:149 Resp: 8775
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.1 3.4 5.2

Manual Integrations
APPROVED

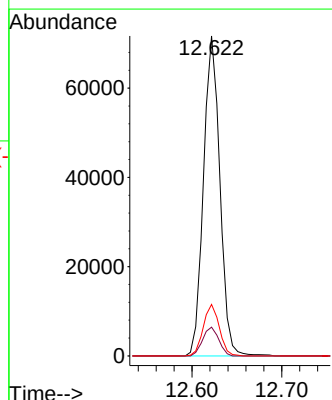
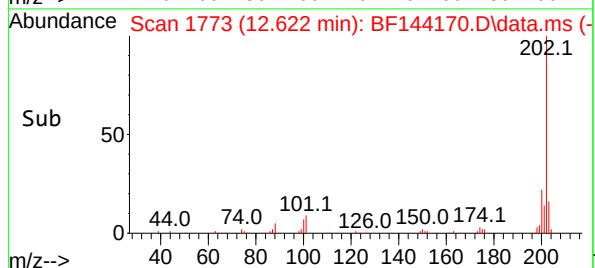
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

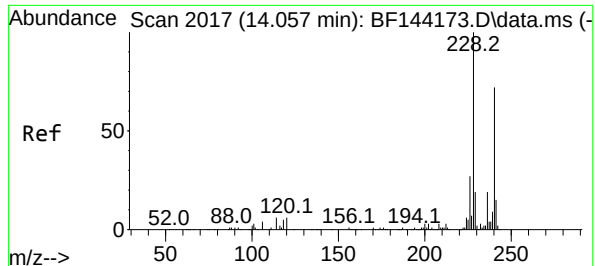


#75
Fluoranthene
Concen: 5.430 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



Tgt Ion:202 Resp: 91198
Ion Ratio Lower Upper
202 100
101 9.0 0.0 27.9
203 16.1 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:240 Resp: 215706

Ion Ratio Lower Upper

240 100

120 8.6 6.6 10.0

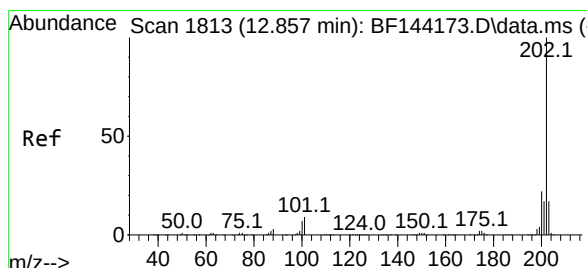
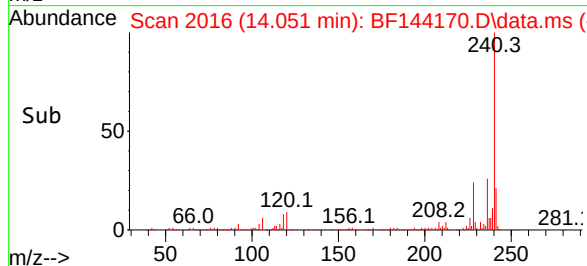
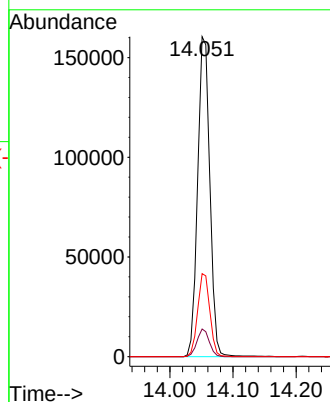
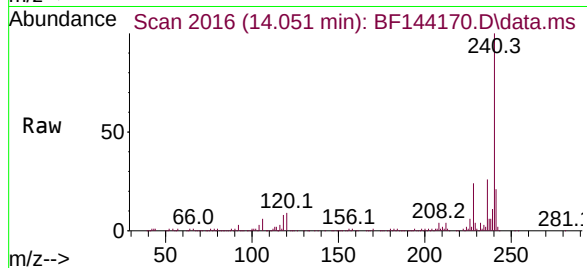
236 25.9 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#78

Pyrene

Concen: 5.465 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

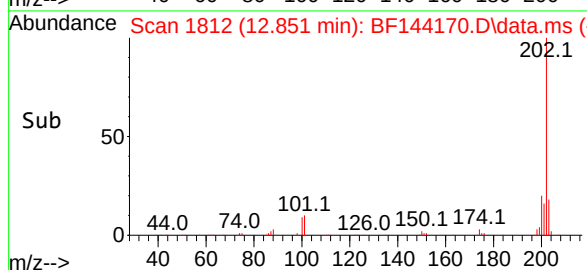
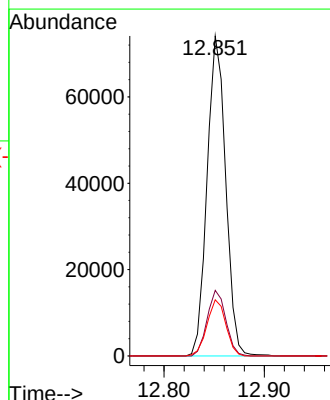
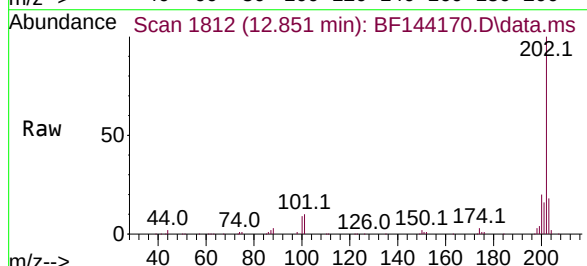
Tgt Ion:202 Resp: 95053

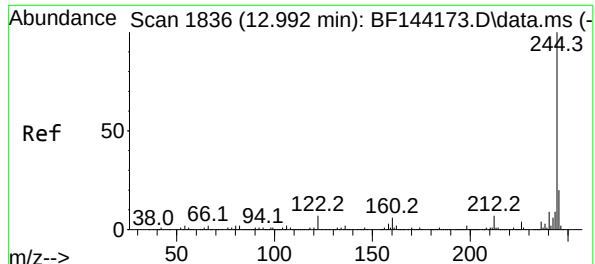
Ion Ratio Lower Upper

202 100

200 20.5 17.2 25.8

203 17.5 13.7 20.5





#79

Terphenyl-d14

Concen: 11.145 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144170.D

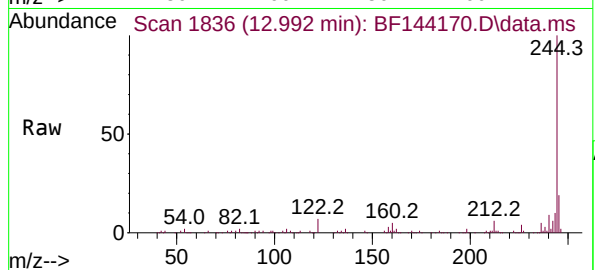
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



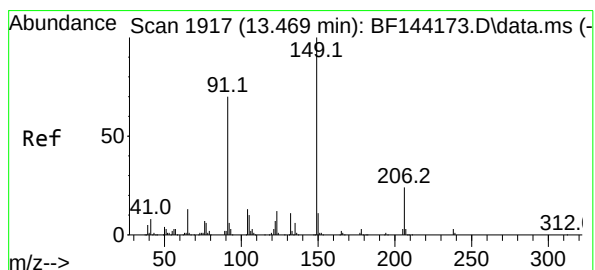
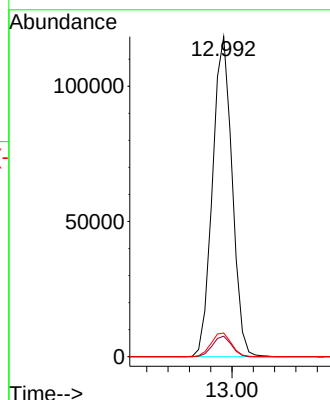
Tgt Ion:	244	Resp:	15134
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.3	7.9
122	7.4	5.6	8.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#80

Butylbenzylphthalate

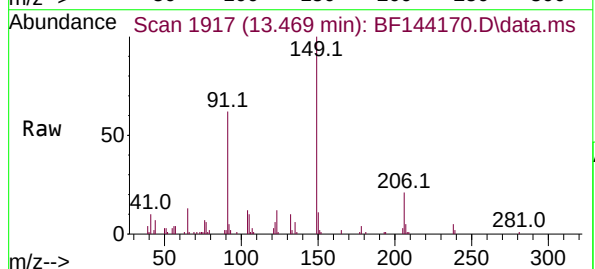
Concen: 5.056 ng

RT: 13.469 min Scan# 1917

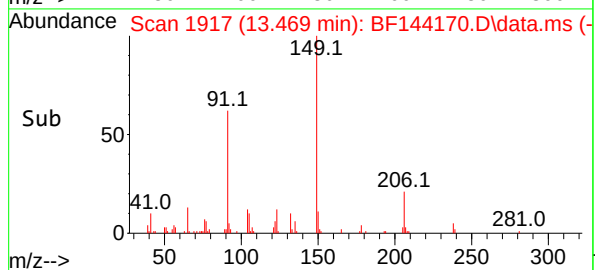
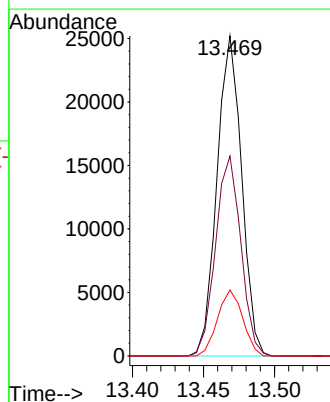
Delta R.T. -0.006 min

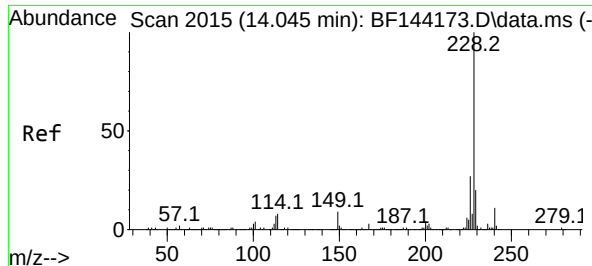
Lab File: BF144170.D

Acq: 05 Nov 2025 13:20



Tgt Ion:	149	Resp:	30478
Ion Ratio	Lower	Upper	
149	100		
91	62.4	56.1	84.1
206	20.6	18.8	28.2





#81

Benzo(a)anthracene

Concen: 5.249 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144170.D

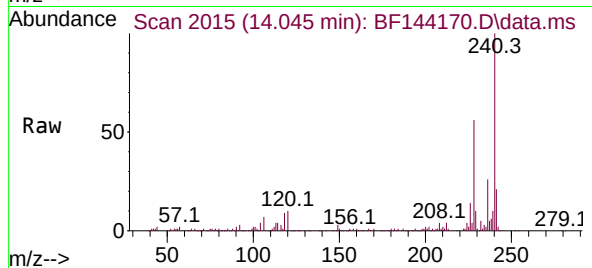
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:228 Resp: 78472

Ion Ratio Lower Upper

228 100

226 25.0 21.8 32.8

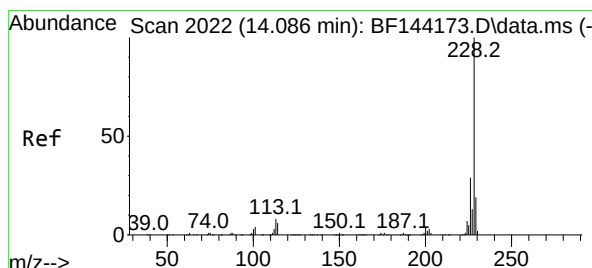
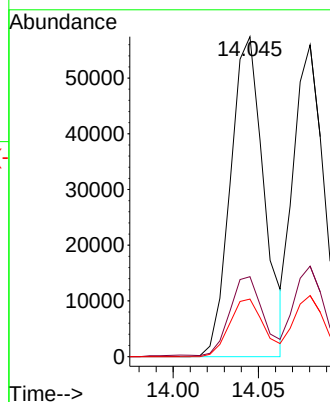
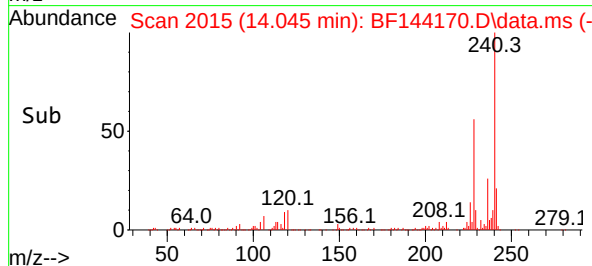
229 18.0 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#83

Chrysene

Concen: 4.986 ng

RT: 14.080 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

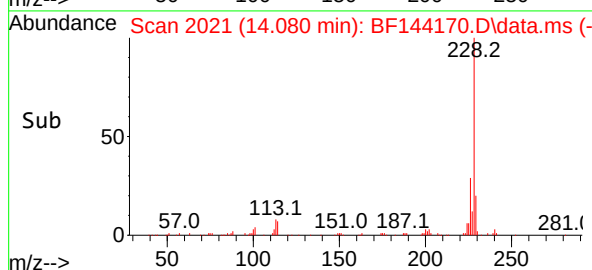
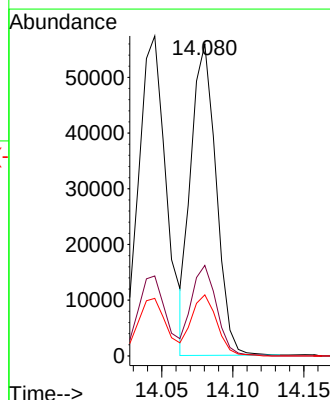
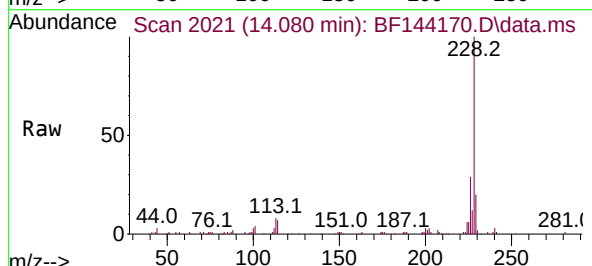
Tgt Ion:228 Resp: 68808

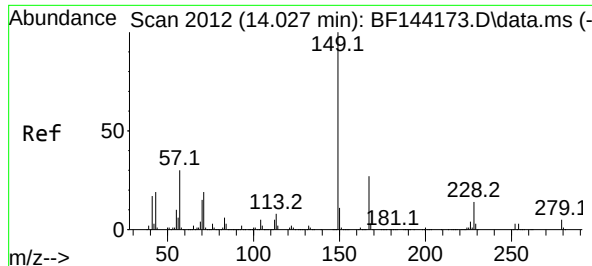
Ion Ratio Lower Upper

228 100

226 29.1 22.9 34.3

229 19.6 15.0 22.6





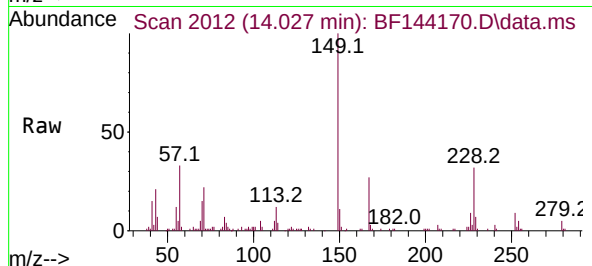
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.054 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

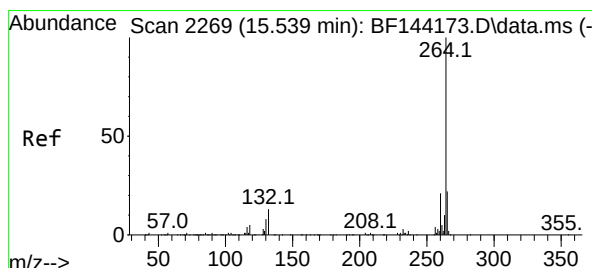
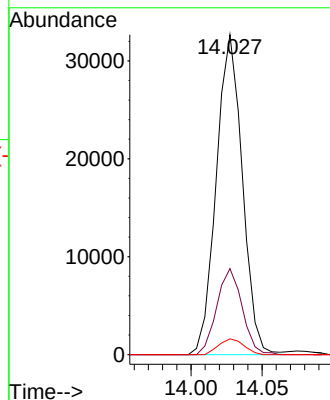
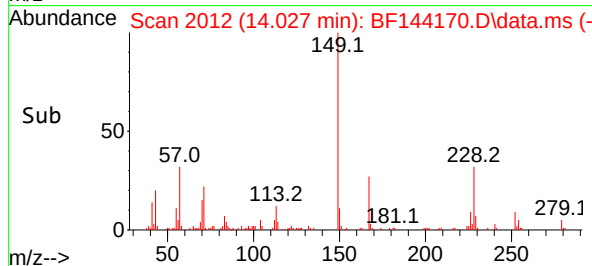


Tgt Ion:149 Resp: 41706
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.8
279 4.9 3.7 5.5

Manual Integrations

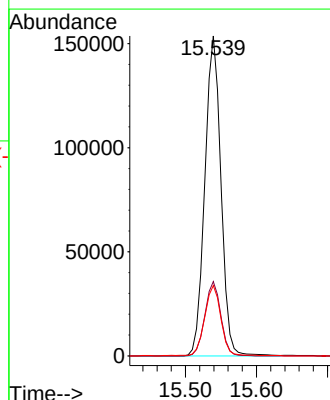
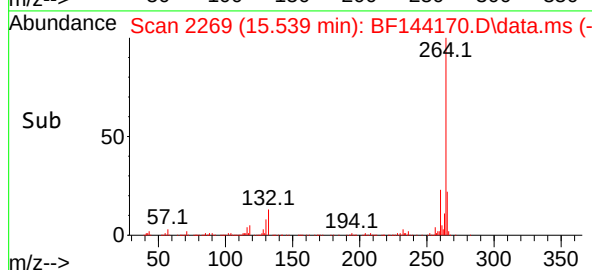
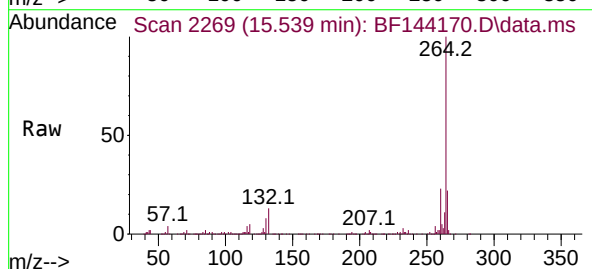
APPROVED

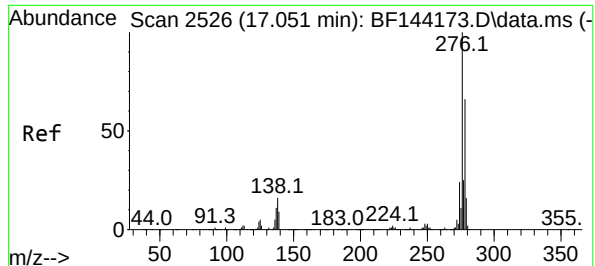
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

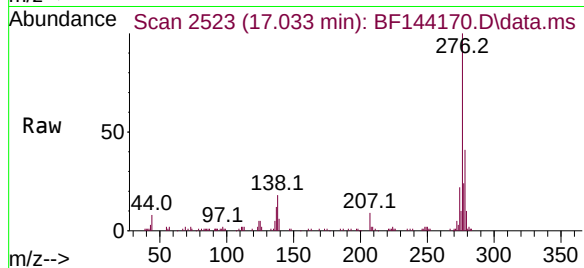
Tgt Ion:264 Resp: 241361
Ion Ratio Lower Upper
264 100
260 23.2 17.1 25.7
265 22.0 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.049 ng
RT: 17.033 min Scan# 2194
Delta R.T. -0.029 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

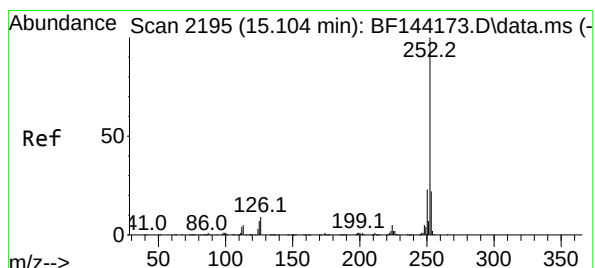
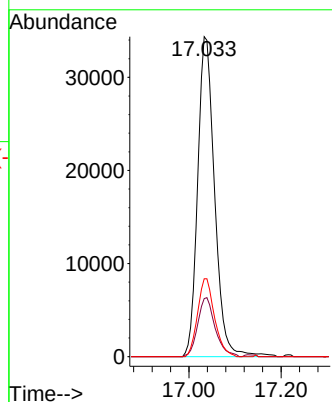
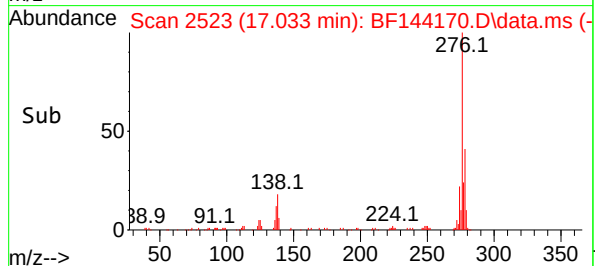
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:276 Resp: 87482
Ion Ratio Lower Upper
276 100
138 18.9 13.9 20.9
277 24.2 19.8 29.6

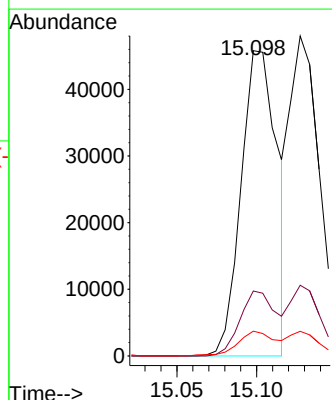
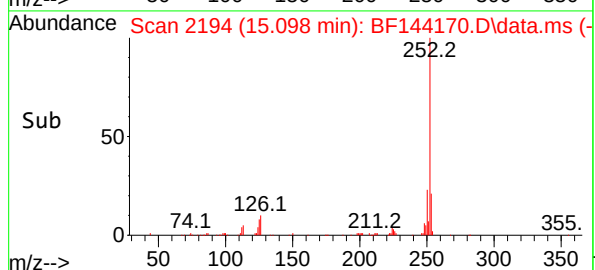
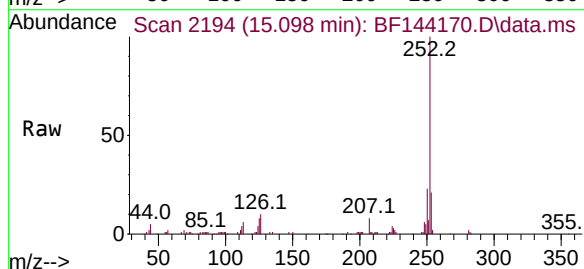
Manual Integrations
APPROVED

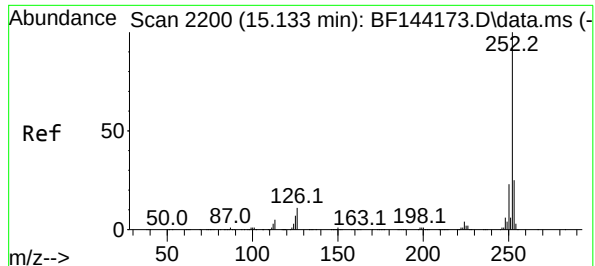
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#88
Benzo(b)fluoranthene
Concen: 5.273 ng m
RT: 15.098 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:252 Resp: 72360
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.2
125 8.1 5.3 7.9#





#89

Benzo(k)fluoranthene

Concen: 5.060 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

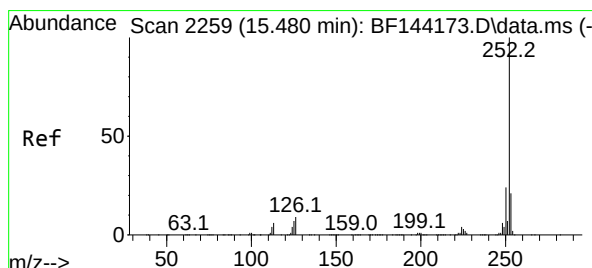
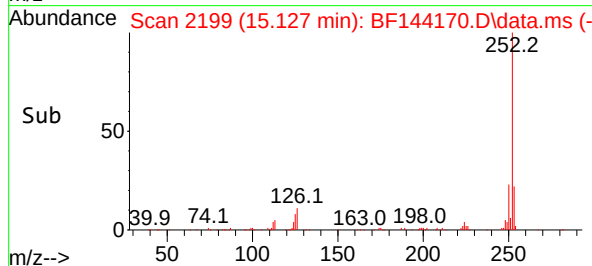
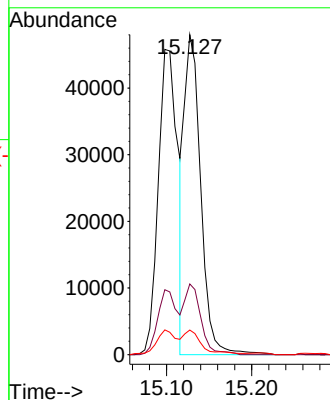
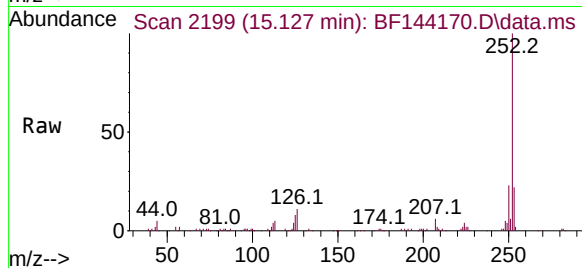
SSTDICC005

Tgt Ion:252 Resp: 64984
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 7.7 5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#90

Benzo(a)pyrene

Concen: 5.071 ng

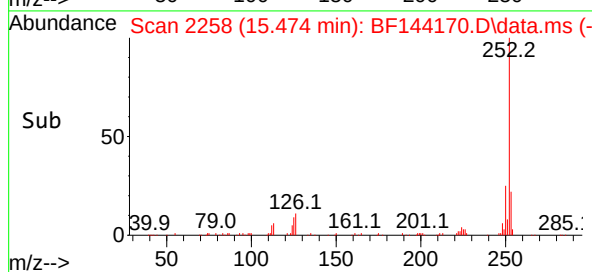
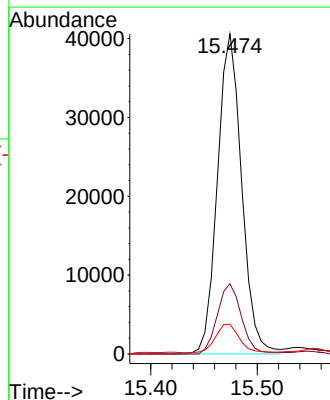
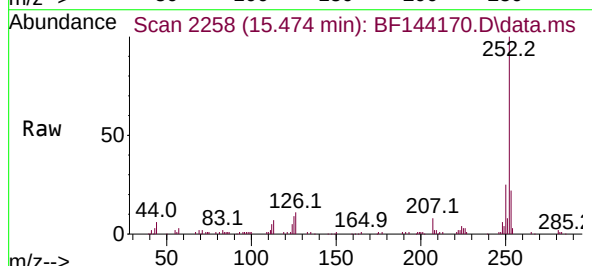
RT: 15.474 min Scan# 2258

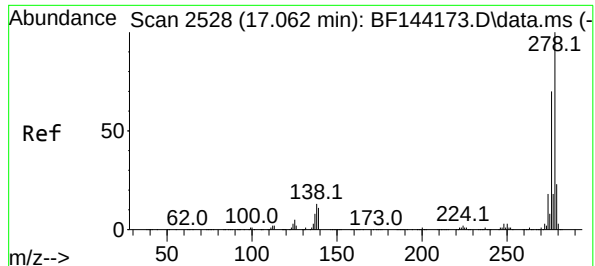
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:252 Resp: 64190
Ion Ratio Lower Upper
252 100
253 21.9 16.7 25.1
125 9.3 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 5.010 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:278 Resp: 69714

Ion Ratio Lower Upper

278 100

139 11.7 9.1 13.7

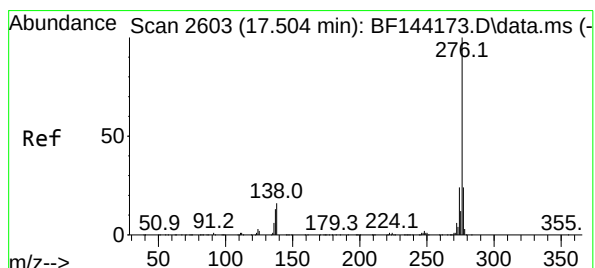
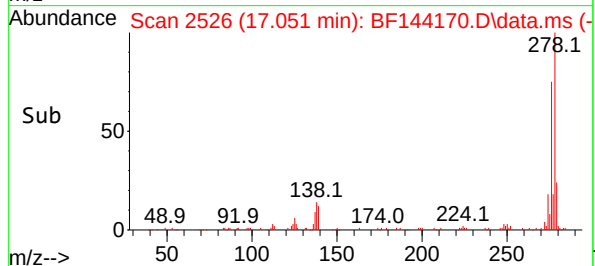
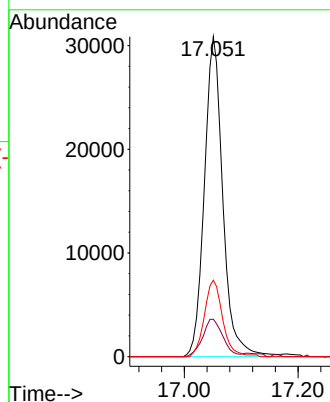
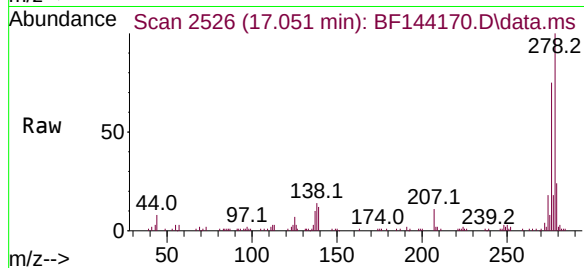
279 23.9 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#92

Benzo(g,h,i)perylene

Concen: 4.810 ng

RT: 17.492 min Scan# 2601

Delta R.T. -0.029 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

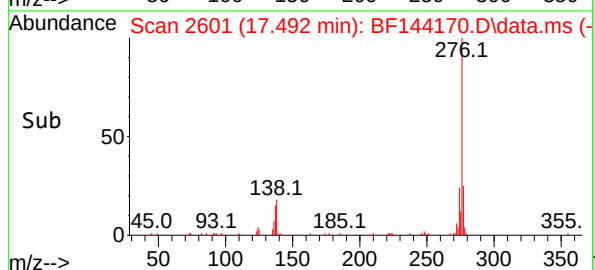
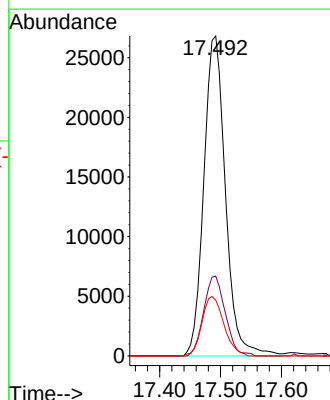
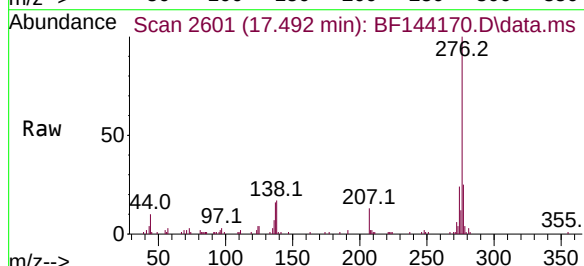
Tgt Ion:276 Resp: 66099

Ion Ratio Lower Upper

276 100

277 24.9 19.0 28.4

138 17.4 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144171.D
 Acq On : 05 Nov 2025 13:50
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Nov 05 17:23:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	112609	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	438512	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	261107	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	469428	20.000	ng	0.00
76) Chrysene-d12	14.057	240	296506	20.000	ng	0.00
86) Perylene-d12	15.539	264	311371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	146731	20.391	ng	0.00
7) Phenol-d6	6.498	99	170929	20.963	ng	-0.01
23) Nitrobenzene-d5	7.434	82	154488	20.347	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	66981	20.442	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	372845	21.090	ng	-0.01
79) Terphenyl-d14	12.992	244	419548	22.476	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	27411	9.214	ng	97
3) Pyridine	3.393	79	79148	9.536	ng	99
4) n-Nitrosodimethylamine	3.322	42	40456	9.331	ng	95
6) Aniline	6.534	93	122118	10.512	ng	98
8) 2-Chlorophenol	6.657	128	73729	10.448	ng	99
9) Benzaldehyde	6.422	77	58146	12.629	ng	98
10) Phenol	6.510	94	106765	10.717	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	75075	10.342	ng	98
12) 1,3-Dichlorobenzene	6.816	146	88594	10.174	ng	98
13) 1,4-Dichlorobenzene	6.893	146	87984	10.085	ng	96
14) 1,2-Dichlorobenzene	7.045	146	84997	10.165	ng	98
15) Benzyl Alcohol	7.010	79	64160	9.937	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	139062	10.403	ng	97
17) 2-Methylphenol	7.122	107	59368	10.575	ng	98
18) Hexachloroethane	7.387	117	28876	9.963	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	57621	10.735	ng	98
20) 3+4-Methylphenols	7.275	107	74874	11.314	ng	96
22) Acetophenone	7.281	105	101777	10.819	ng	97
24) Nitrobenzene	7.451	77	85567	10.380	ng	98
25) Isophorone	7.692	82	146541	10.204	ng	98
26) 2-Nitrophenol	7.769	139	41083	10.067	ng	97
27) 2,4-Dimethylphenol	7.804	122	60896	9.956	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	91497	10.202	ng	95
29) 2,4-Dichlorophenol	8.016	162	75032	10.643	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	76623	10.585	ng	94
31) Naphthalene	8.181	128	220903	10.590	ng	99
32) Benzoic acid	7.910	122	58822	13.120	ng	92
33) 4-Chloroaniline	8.228	127	79703	10.476	ng	97
34) Hexachlorobutadiene	8.292	225	54849	10.054	ng	96
35) Caprolactam	8.575	113	20560	10.645	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	67228	10.641	ng	96
37) 2-Methylnaphthalene	8.869	142	147427	10.571	ng	99
38) 1-Methylnaphthalene	8.969	142	149280	11.093	ng	97
40) 1,2,4,5-Tetrachloroben...	9.034	216	86408	10.098	ng	99
41) Hexachlorocyclopentadiene	9.022	237	15765	10.609	ng	93
43) 2,4,6-Trichlorophenol	9.145	196	58560	10.054	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144171.D
 Acq On : 05 Nov 2025 13:50
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

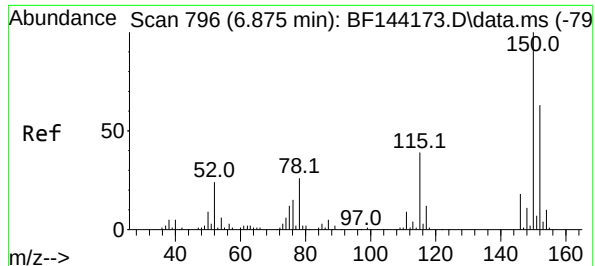
Quant Time: Nov 05 17:23:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	63779	10.160	ng	98
46) 1,1'-Biphenyl	9.334	154	188739	10.355	ng	99
47) 2-Chloronaphthalene	9.357	162	158745	10.211	ng	100
48) 2-Nitroaniline	9.457	65	45323	10.104	ng	97
49) Acenaphthylene	9.775	152	220118	10.390	ng	99
50) Dimethylphthalate	9.628	163	175284	10.133	ng	99
51) 2,6-Dinitrotoluene	9.692	165	35433	10.119	ng	98
52) Acenaphthene	9.945	154	151661	10.705	ng	99
53) 3-Nitroaniline	9.863	138	39270	10.259	ng	99
54) 2,4-Dinitrophenol	9.981	184	26319	12.447	ng	97
55) Dibenzofuran	10.122	168	208943	10.530	ng	99
56) 4-Nitrophenol	10.028	139	35627	12.867	ng	98
57) 2,4-Dinitrotoluene	10.098	165	49257	10.508	ng	# 98
58) Fluorene	10.463	166	159623	10.581	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	45333	10.207	ng	97
60) Diethylphthalate	10.328	149	166246	10.426	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	91478	10.645	ng	99
62) 4-Nitroaniline	10.475	138	37821	10.375	ng	98
63) Azobenzene	10.616	77	157098	10.586	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	34516	10.823	ng	99
66) n-Nitrosodiphenylamine	10.569	169	158661	10.509	ng	98
67) 4-Bromophenyl-phenylether	10.945	248	60929	10.169	ng	96
68) Hexachlorobenzene	11.016	284	71759	10.168	ng	94
69) Atrazine	11.098	200	49466	10.302	ng	97
70) Pentachlorophenol	11.210	266	31673	9.012	ng	97
71) Phenanthrene	11.428	178	244478	10.460	ng	99
72) Anthracene	11.480	178	248511	10.457	ng	99
73) Carbazole	11.639	167	215269	10.652	ng	98
74) Di-n-butylphthalate	11.963	149	258464	10.580	ng	99
75) Fluoranthene	12.622	202	250112	10.359	ng	99
77) Benzidine	12.745	184	104876	11.958	ng	99
78) Pyrene	12.851	202	258743	10.823	ng	99
80) Butylbenzylphthalate	13.469	149	87462	10.556	ng	96
81) Benzo(a)anthracene	14.045	228	198590	9.664	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	67166	9.535	ng	97
83) Chrysene	14.080	228	184604	9.731	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	109593	9.662	ng	98
85) Di-n-octyl phthalate	14.645	149	172428	8.811	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	219736	9.831	ng	99
88) Benzo(b)fluoranthene	15.104	252	176369	9.963	ng	99
89) Benzo(k)fluoranthene	15.133	252	170386	10.283	ng	98
90) Benzo(a)pyrene	15.474	252	163529	10.013	ng	97
91) Dibenzo(a,h)anthracene	17.051	278	179793	10.016	ng	98
92) Benzo(g,h,i)perylene	17.492	276	175090	9.877	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

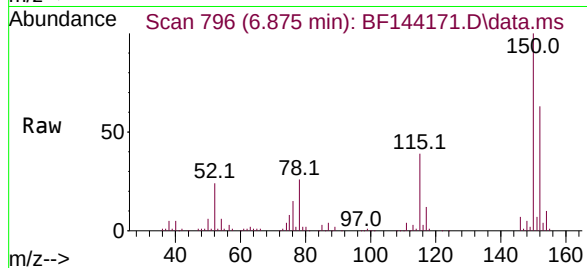
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

[illegible]

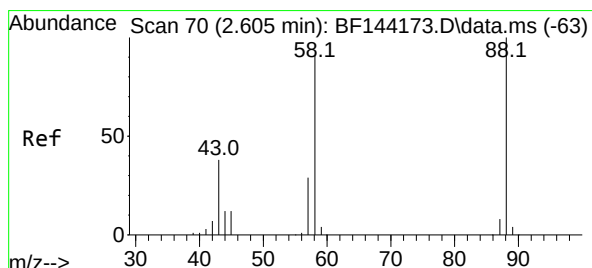
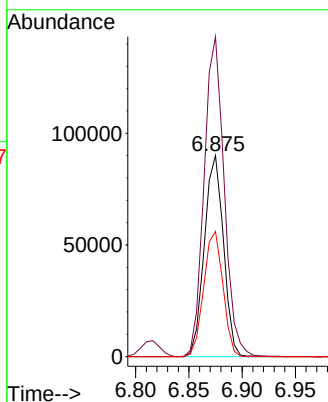
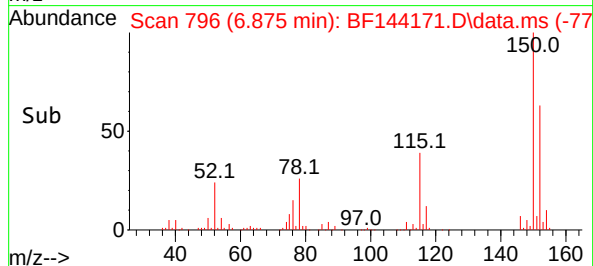


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

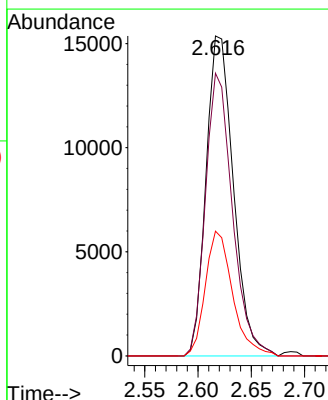
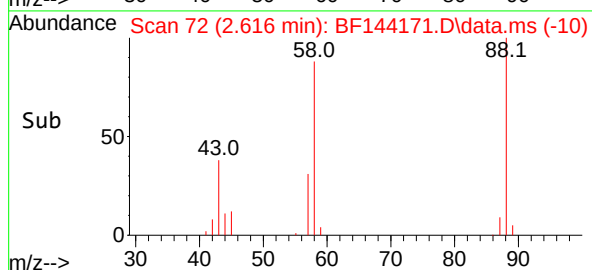
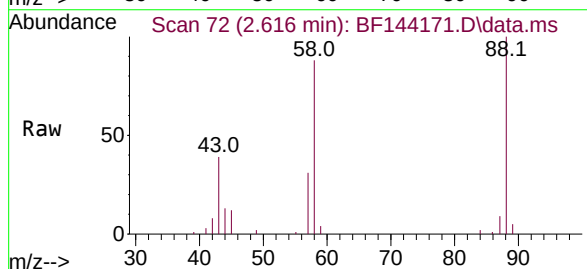


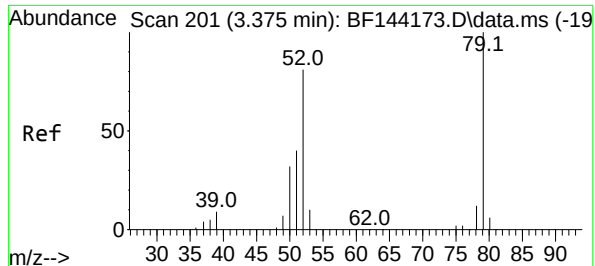
Tgt Ion:152 Resp: 112609
Ion Ratio Lower Upper
152 100
150 159.0 127.4 191.0
115 62.3 49.5 74.3



#2
1,4-Dioxane
Concen: 9.214 ng
RT: 2.616 min Scan# 72
Delta R.T. 0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 88 Resp: 27411
Ion Ratio Lower Upper
88 100
58 87.1 73.1 109.7
43 38.9 31.0 46.6

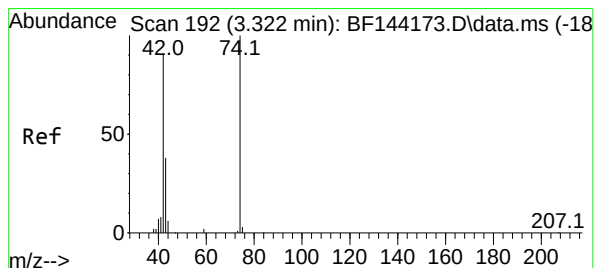
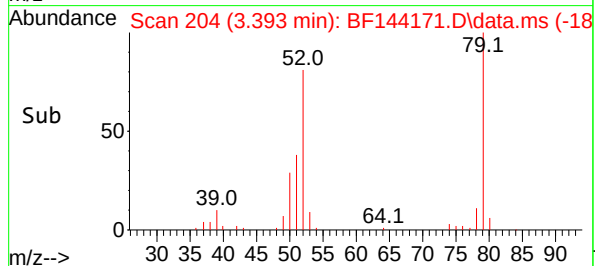
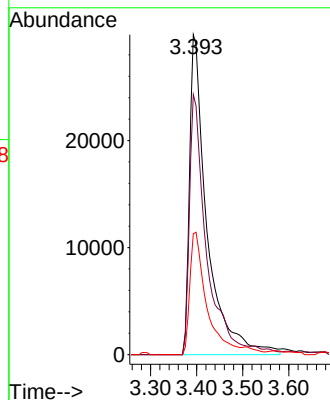
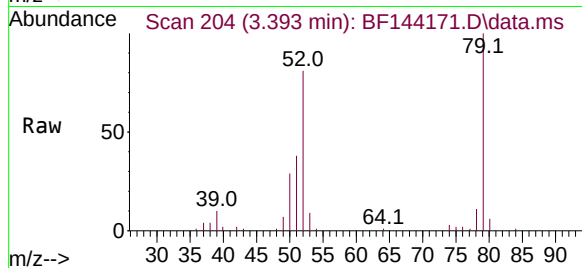




#3
Pyridine
Concen: 9.536 ng
RT: 3.393 min Scan# 201
Delta R.T. 0.018 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

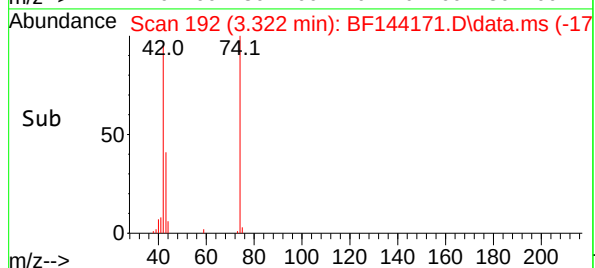
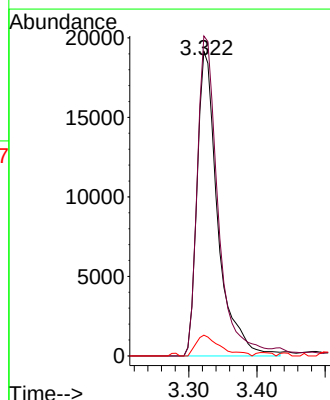
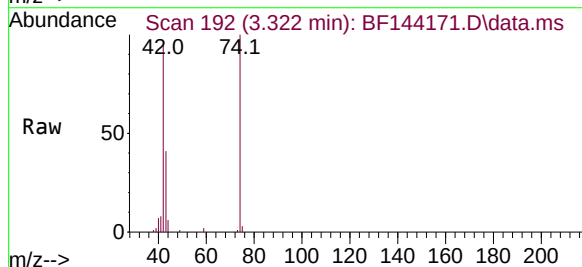
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

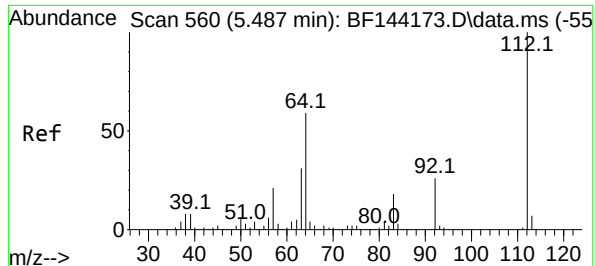
Tgt Ion	Ratio	Lower	Upper
79	100		
52	81.3	64.5	96.7
51	37.8	31.7	47.5



#4
n-Nitrosodimethylamine
Concen: 9.331 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	105.1	88.2	132.4
44	6.8	5.7	8.5

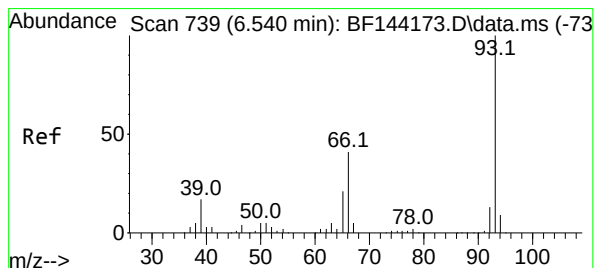
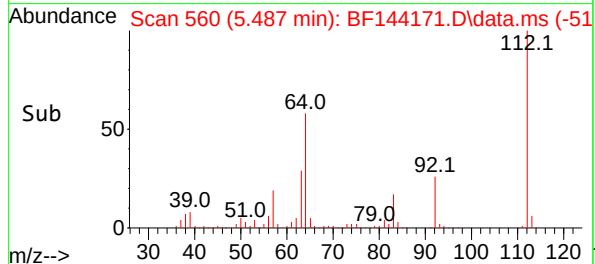
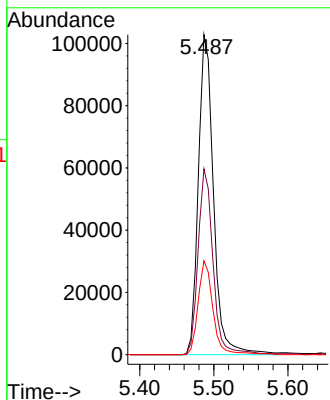
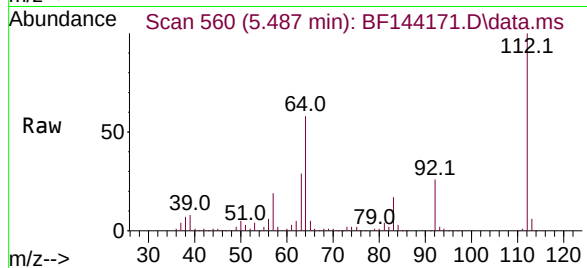




#5
2-Fluorophenol
Concen: 20.391 ng
RT: 5.487 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

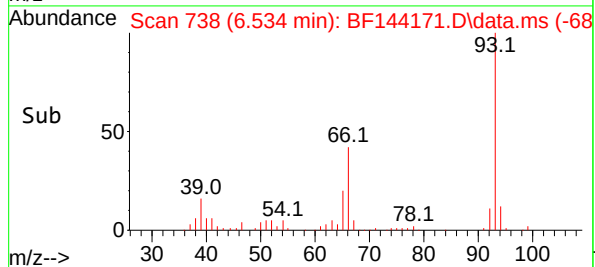
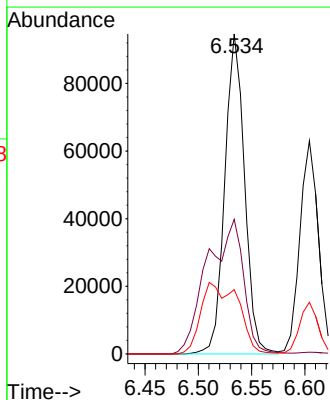
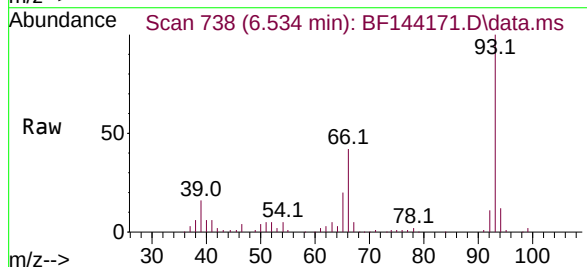
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

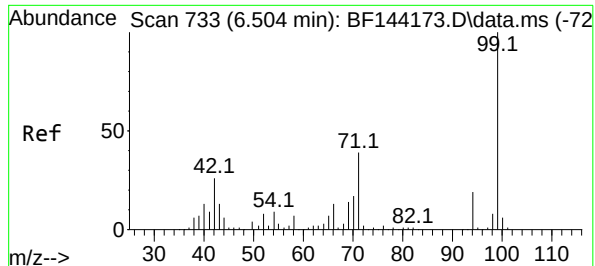
Tgt Ion:112 Resp: 146731
Ion Ratio Lower Upper
112 100
64 58.0 47.2 70.8
63 29.3 24.4 36.6



#6
Aniline
Concen: 10.512 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 93 Resp: 122118
Ion Ratio Lower Upper
93 100
66 42.0 34.3 51.5
65 20.1 16.9 25.3

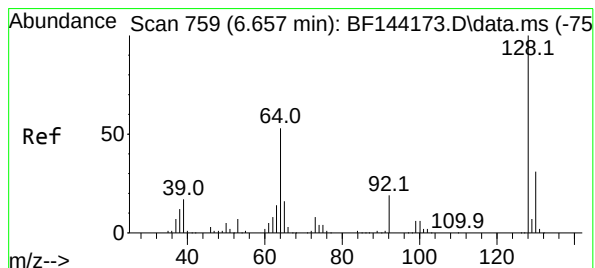
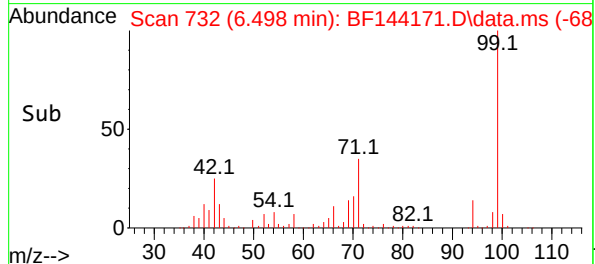
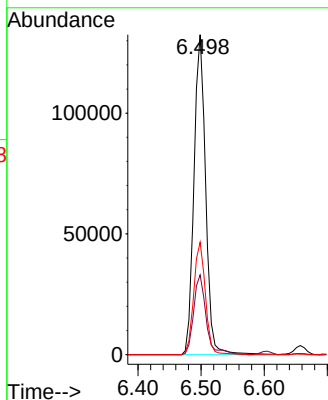
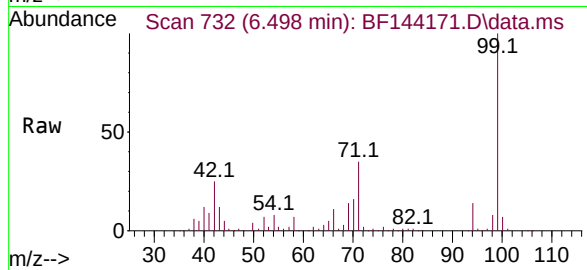




#7
Phenol-d6
Concen: 20.963 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

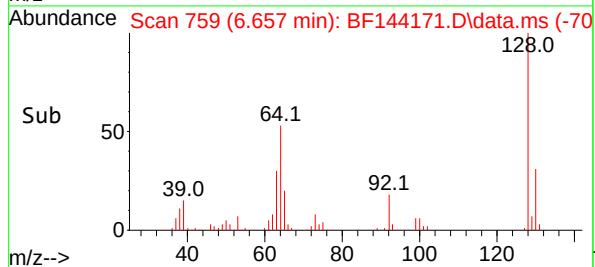
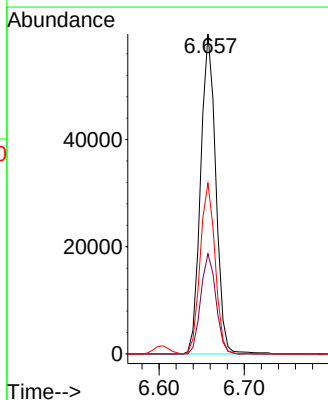
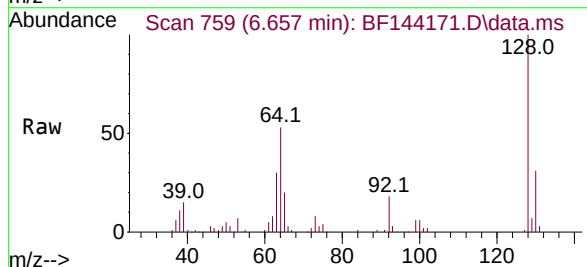
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

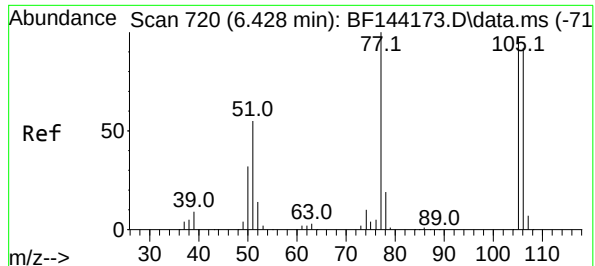
Tgt Ion: 99 Resp: 170929
Ion Ratio Lower Upper
99 100
42 24.9 20.9 31.3
71 35.1 31.4 47.2



#8
2-Chlorophenol
Concen: 10.448 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 128 Resp: 73729
Ion Ratio Lower Upper
128 100
130 31.3 10.5 50.5
64 53.3 33.2 73.2





#9
Benzaldehyde

Concen: 12.629 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

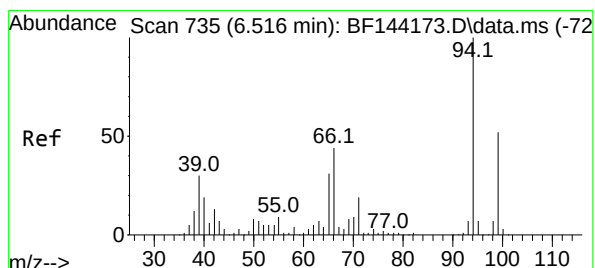
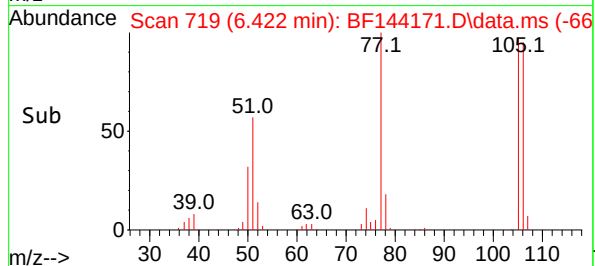
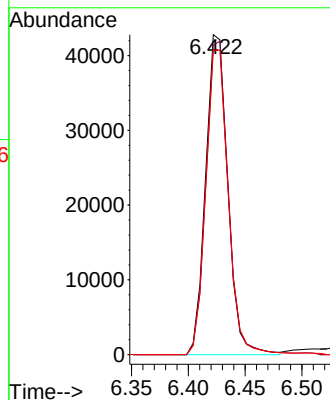
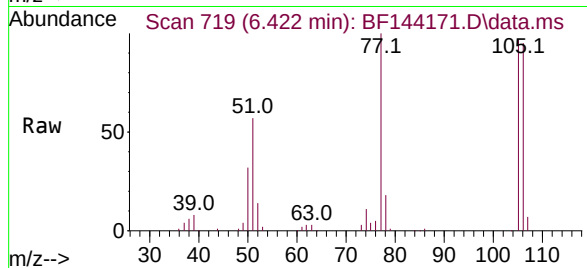
Tgt Ion: 77 Resp: 58146

Ion Ratio Lower Upper

77 100

105 96.7 77.2 117.2

106 95.1 72.2 112.2



#10

Phenol

Concen: 10.717 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.018 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

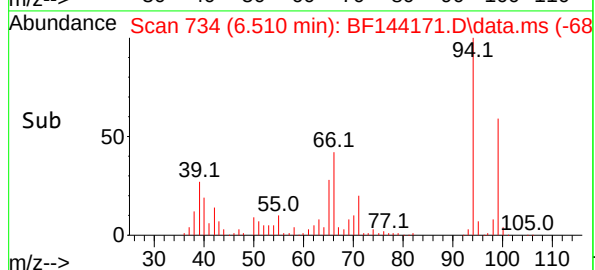
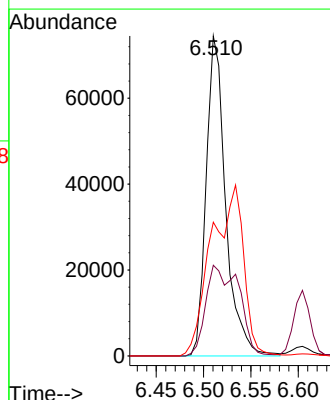
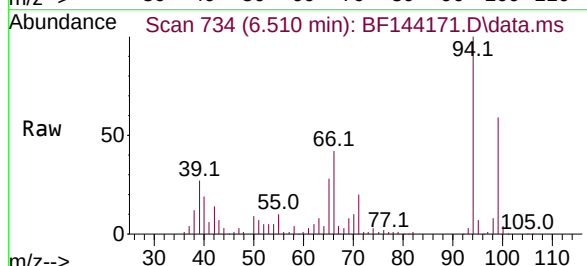
Tgt Ion: 94 Resp: 106765

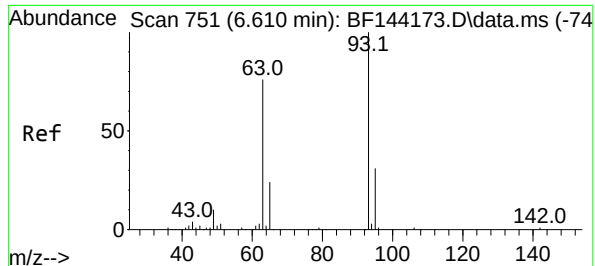
Ion Ratio Lower Upper

94 100

65 28.3 10.8 50.8

66 41.8 24.3 64.3

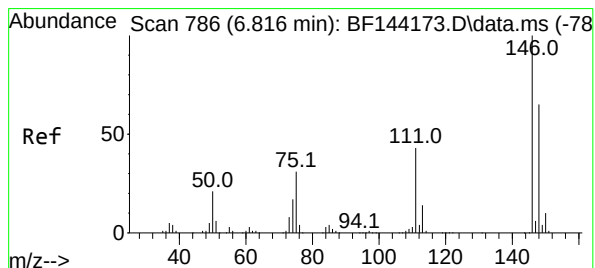
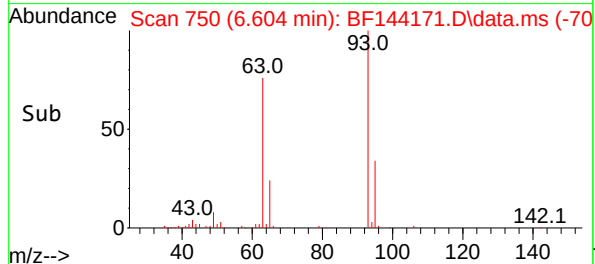
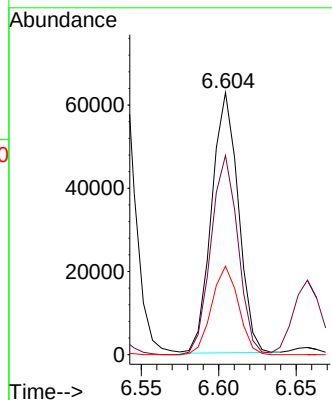
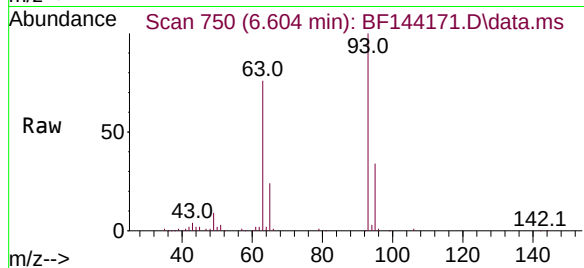




#11
bis(2-Chloroethyl)ether
Concen: 10.342 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

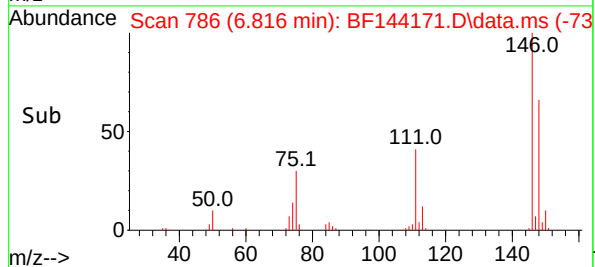
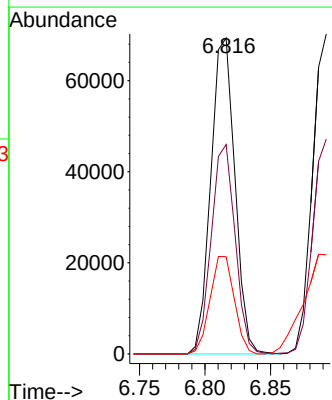
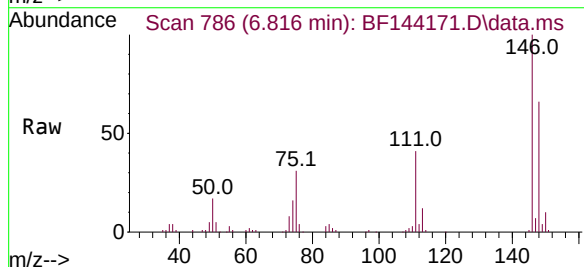
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

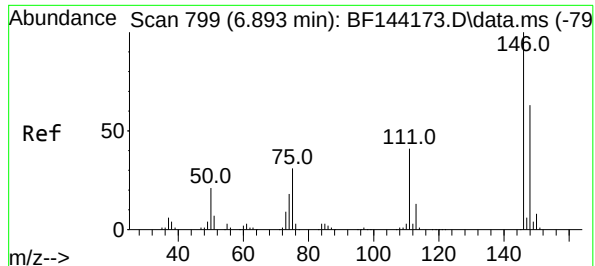
Tgt Ion: 93 Resp: 75075
Ion Ratio Lower Upper
93 100
63 75.9 55.2 95.2
95 33.7 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 10.174 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 146 Resp: 88594
Ion Ratio Lower Upper
146 100
148 66.3 51.8 77.8
75 30.8 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 10.085 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

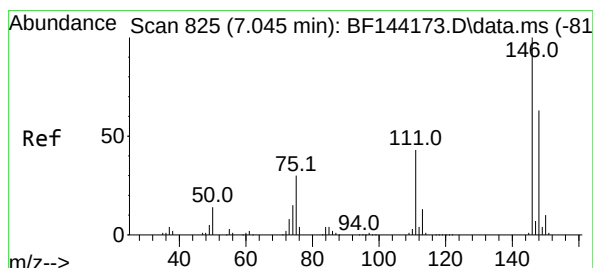
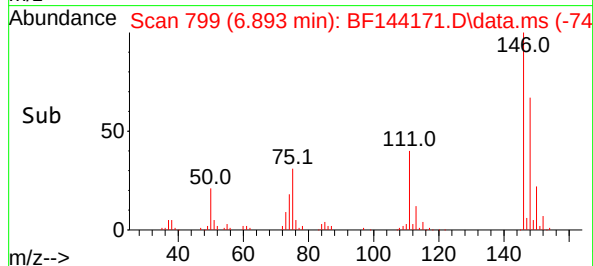
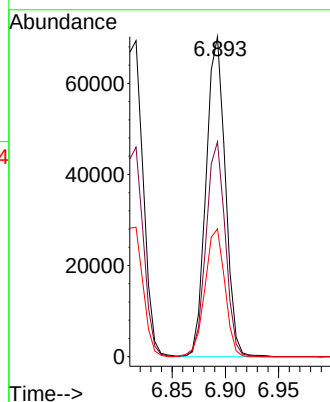
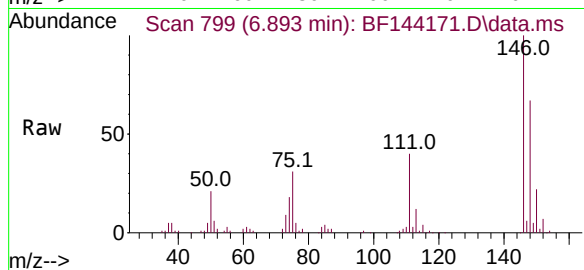
Tgt Ion:146 Resp: 87984

Ion Ratio Lower Upper

146 100

148 67.1 50.2 75.2

111 39.9 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 10.165 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

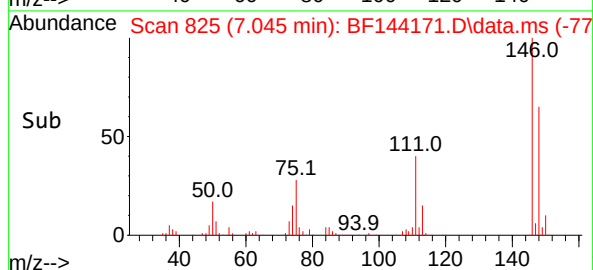
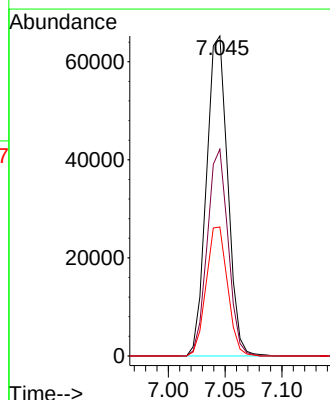
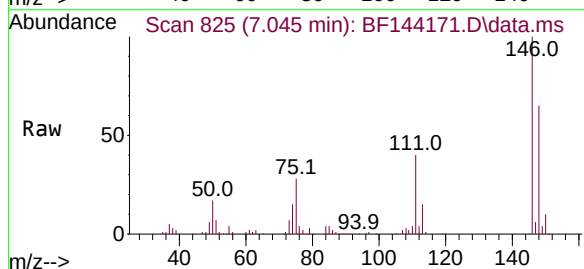
Tgt Ion:146 Resp: 84997

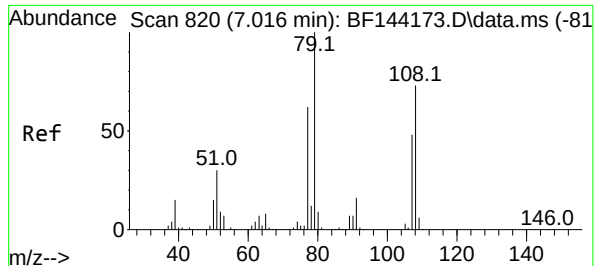
Ion Ratio Lower Upper

146 100

148 64.6 50.7 76.1

111 40.3 34.2 51.4

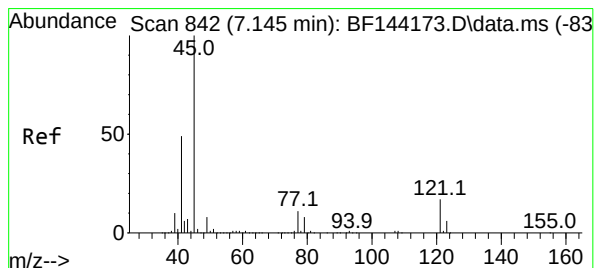
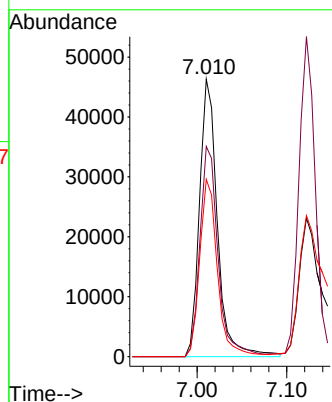
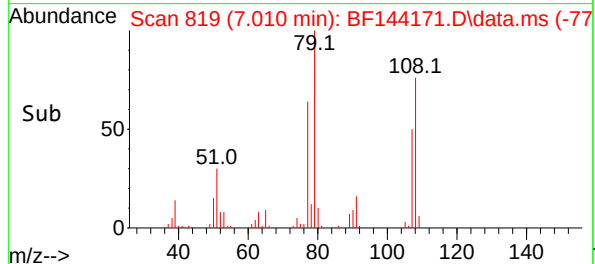
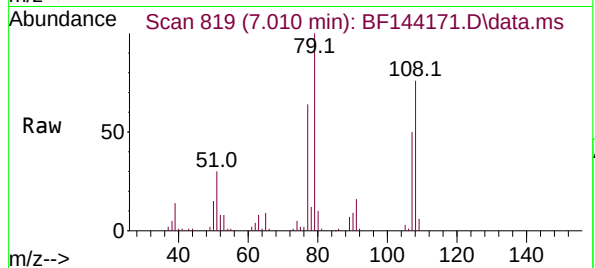




#15
Benzyl Alcohol
Concen: 9.937 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

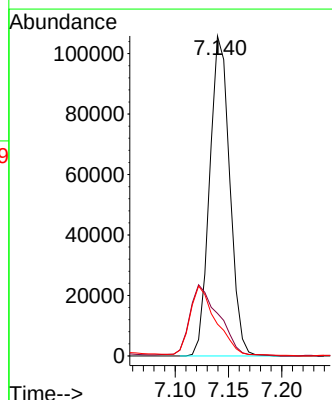
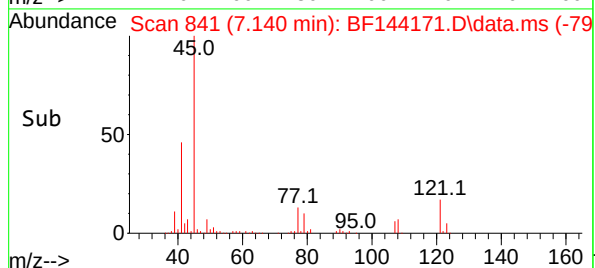
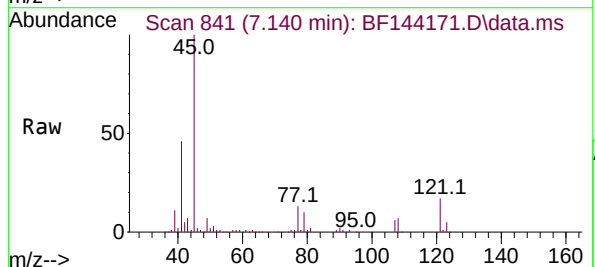
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

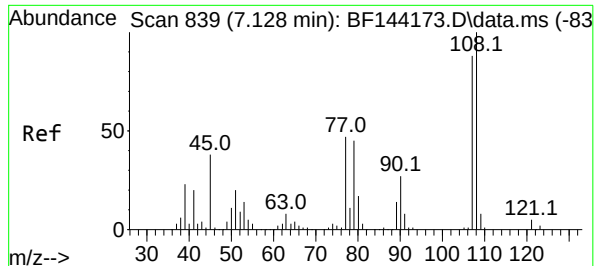
Tgt Ion: 79 Resp: 64160
Ion Ratio Lower Upper
79 100
108 75.8 58.2 87.4
77 63.8 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.403 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 45 Resp: 139062
Ion Ratio Lower Upper
45 100
77 13.3 0.0 31.8
79 9.9 0.0 29.1

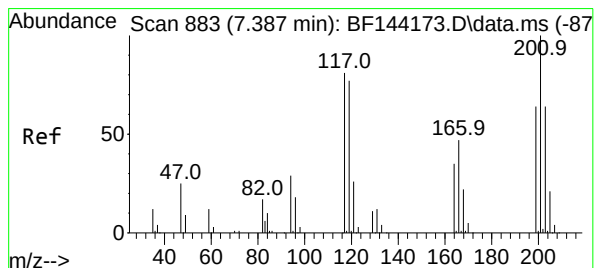
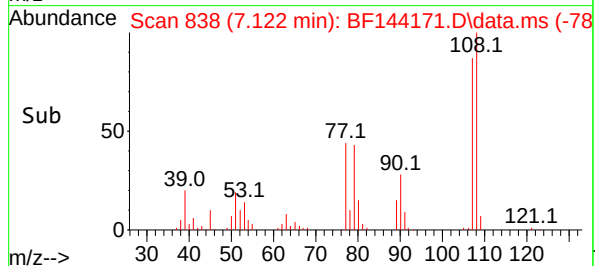
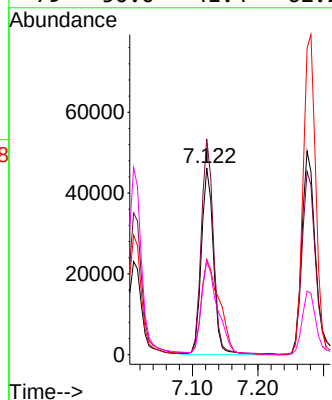
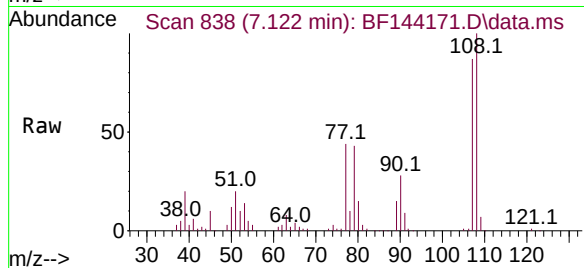




#17
2-Methylphenol
Concen: 10.575 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

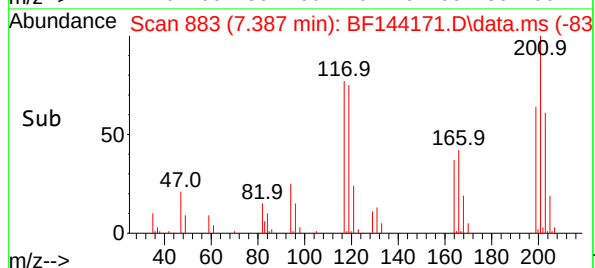
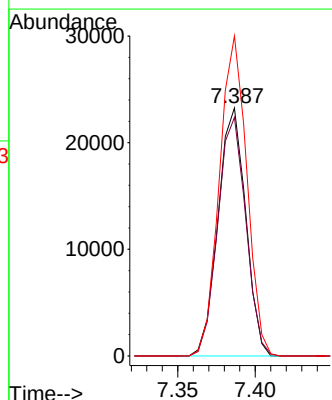
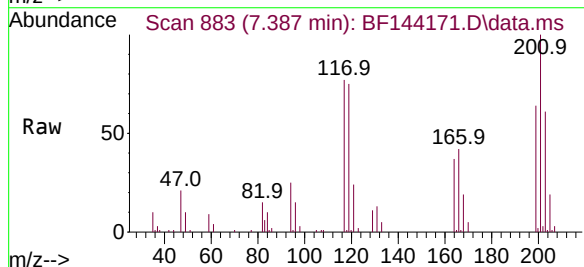
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

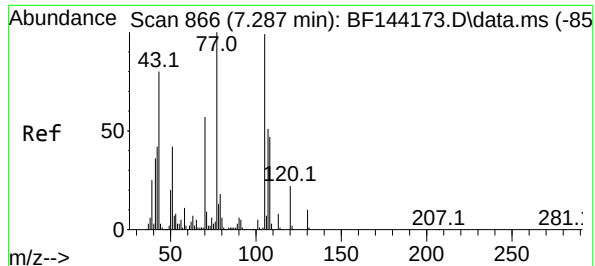
Tgt Ion:	107	Resp:	59368
Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.0	136.4
77	51.0	42.7	64.1
79	50.0	41.4	62.2



#18
Hexachloroethane
Concen: 9.963 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:	117	Resp:	28876
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	129.1	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 10.735 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.023 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 57621

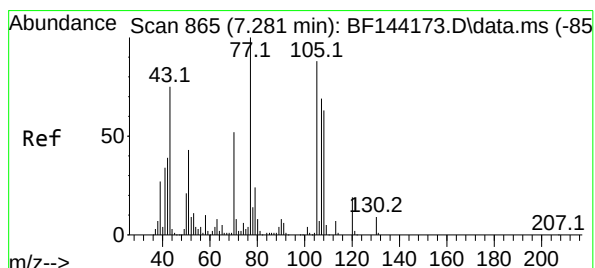
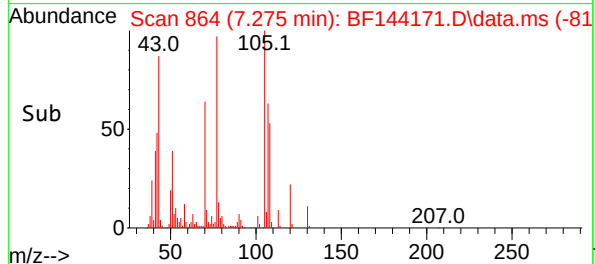
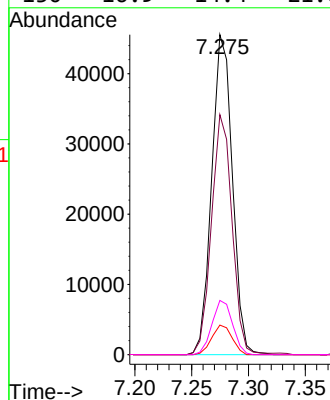
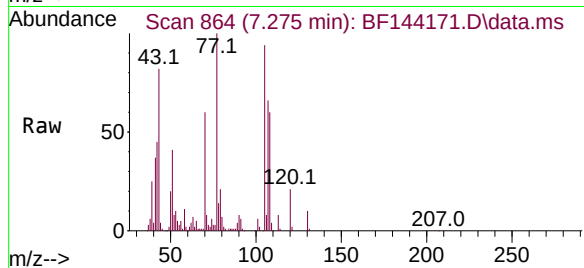
Ion Ratio Lower Upper

70 100

42 75.0 58.3 87.5

101 9.2 7.0 10.6

130 16.9 14.4 21.6



#20

3+4-Methylphenols

Concen: 11.314 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Tgt Ion: 107 Resp: 74874

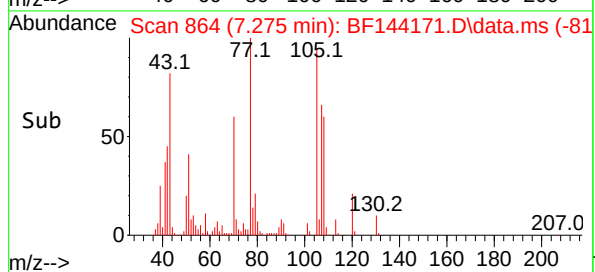
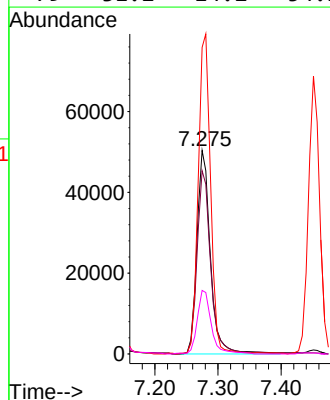
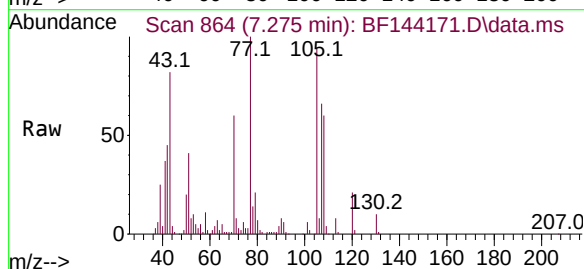
Ion Ratio Lower Upper

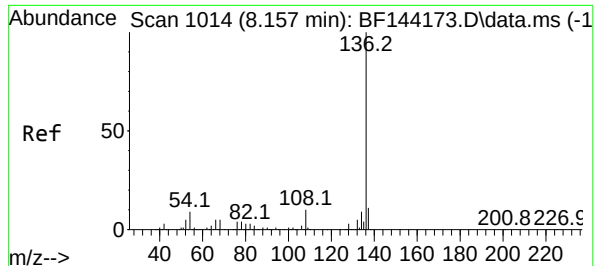
107 100

108 90.0 70.2 110.2

77 150.7 123.9 163.9

79 31.2 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 438512

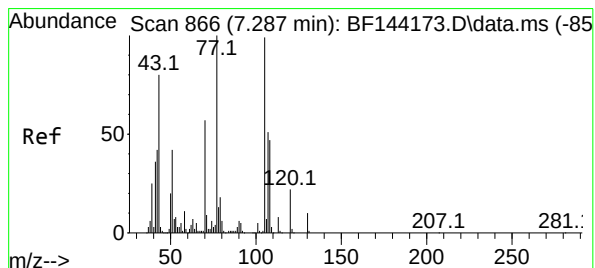
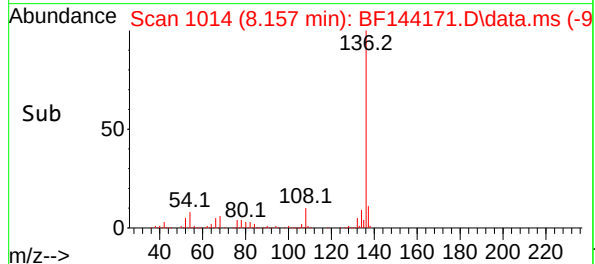
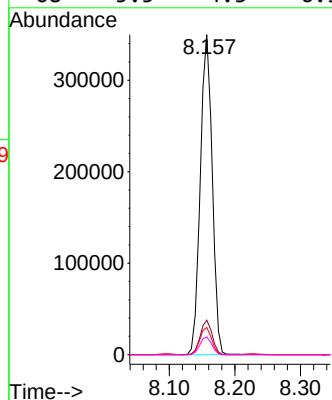
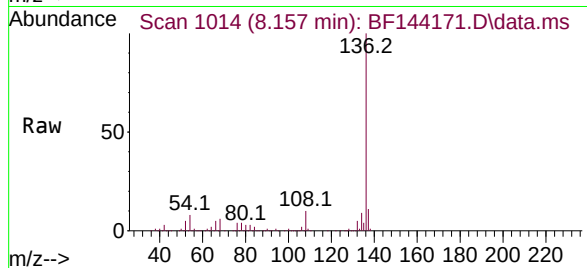
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.5 7.0 10.6

68 5.5 4.3 6.5



#22

Acetophenone

Concen: 10.819 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Tgt Ion:105 Resp: 101777

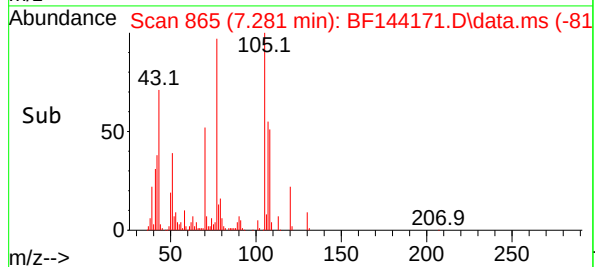
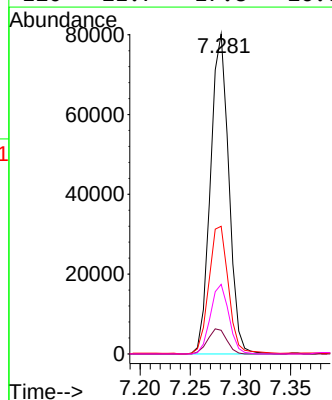
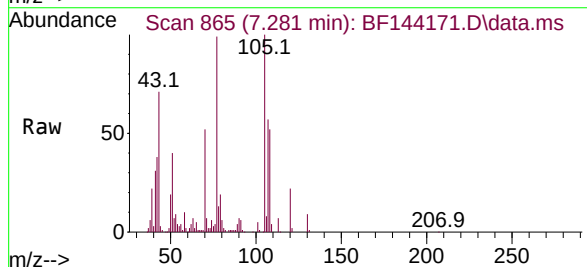
Ion Ratio Lower Upper

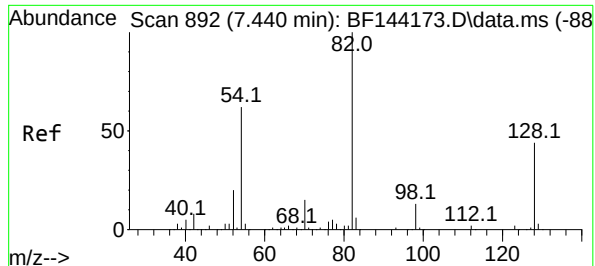
105 100

71 7.4 7.2 10.8

51 39.9 34.0 51.0

120 21.7 17.8 26.6

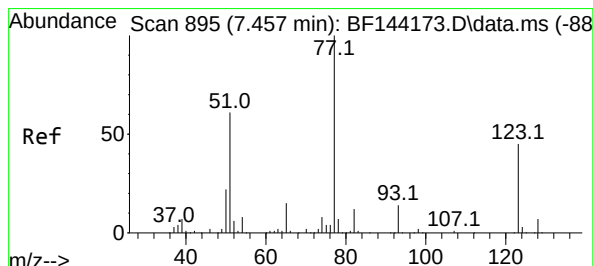
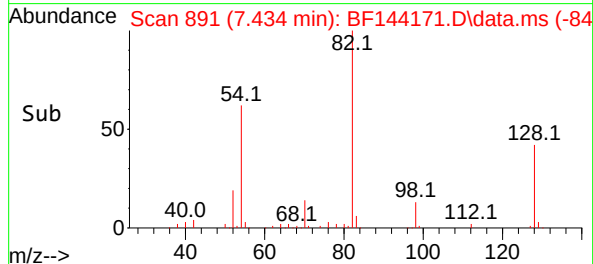
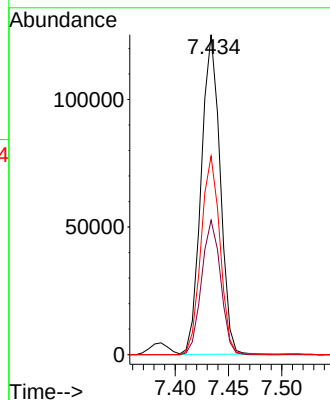
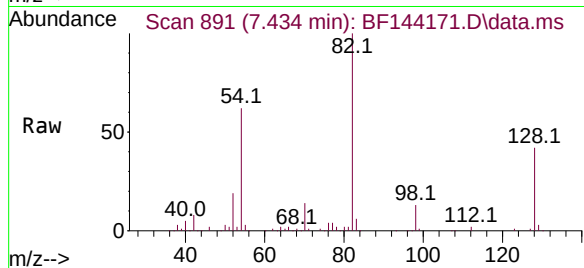




#23
Nitrobenzene-d5
Concen: 20.347 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

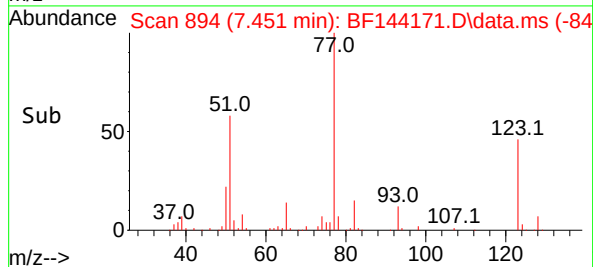
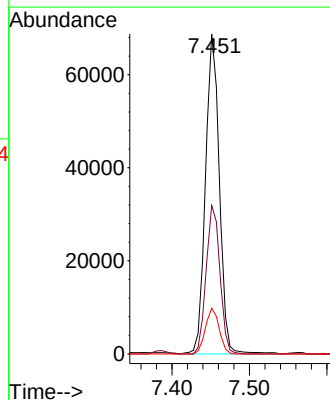
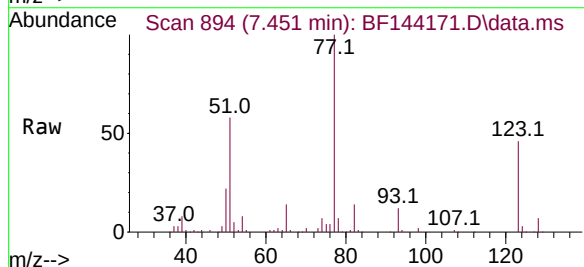
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

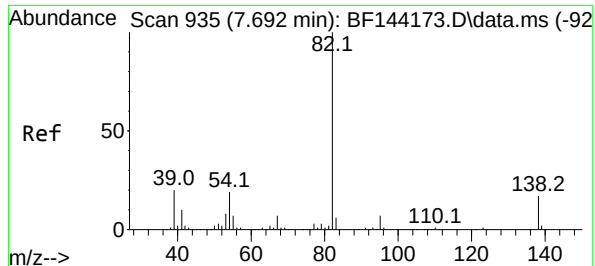
Tgt Ion: 82 Resp: 154488
Ion Ratio Lower Upper
82 100
128 42.0 34.7 52.1
54 62.0 49.5 74.3



#24
Nitrobenzene
Concen: 10.380 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 77 Resp: 85567
Ion Ratio Lower Upper
77 100
123 46.4 35.8 53.8
65 14.3 12.2 18.2

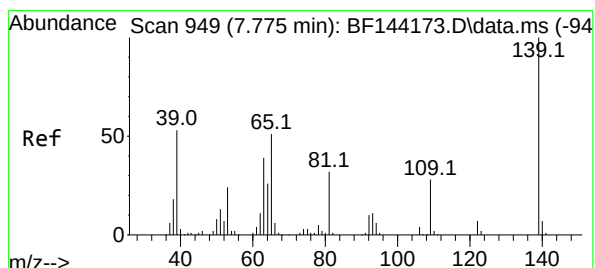
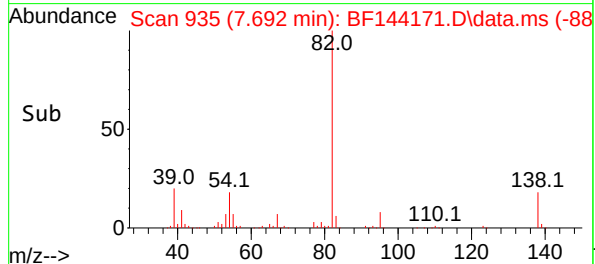
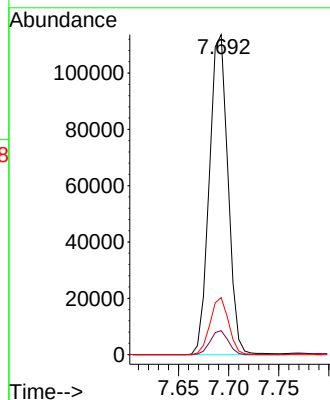
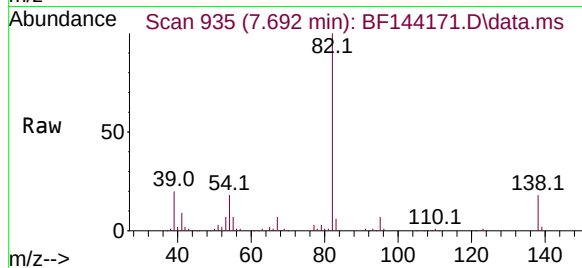




#25
Isophorone
Concen: 10.204 ng
RT: 7.692 min Scan# 935
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

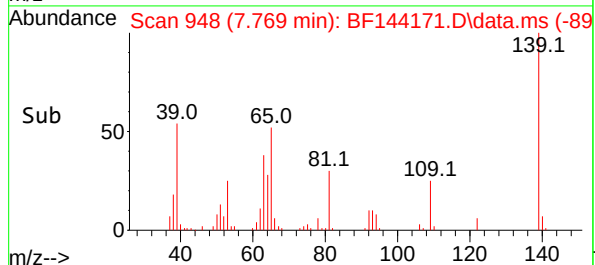
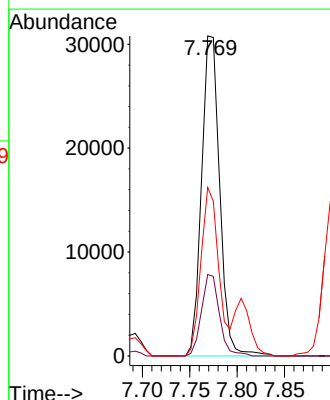
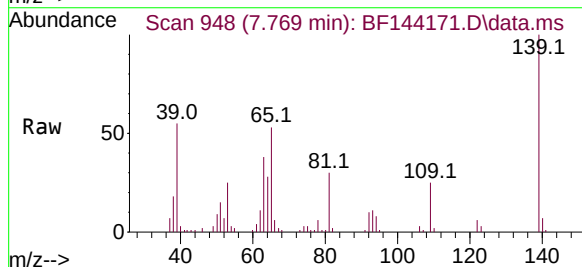
Instrument :
BNA_F
Client SampleId :
SSTDICC010

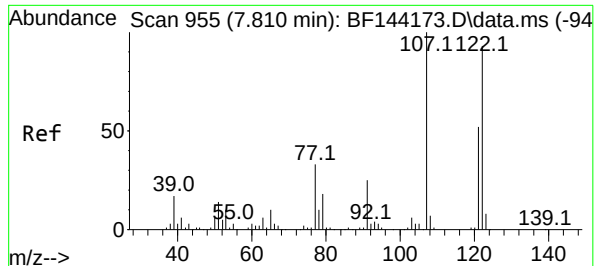
Tgt Ion: 82 Resp: 146541
Ion Ratio Lower Upper
82 100
95 7.5 5.5 8.3
138 17.9 13.7 20.5



#26
2-Nitrophenol
Concen: 10.067 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 139 Resp: 41083
Ion Ratio Lower Upper
139 100
109 25.4 22.2 33.2
65 52.6 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 9.956 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

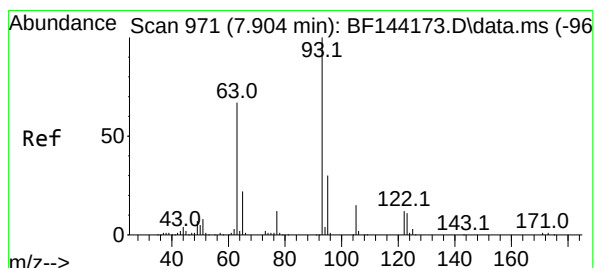
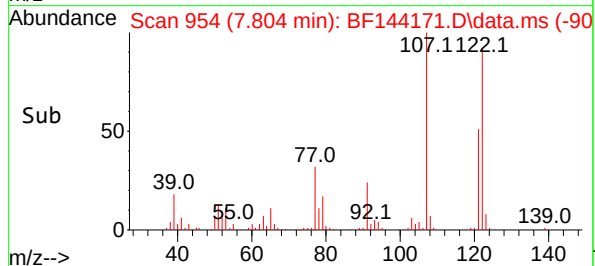
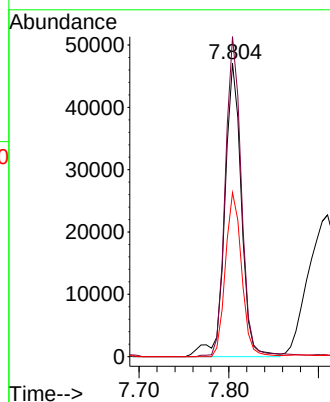
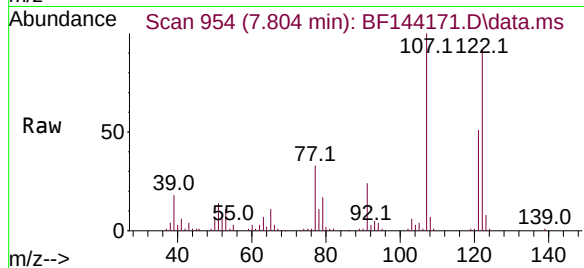
Tgt Ion:122 Resp: 60896

Ion Ratio Lower Upper

122 100

107 109.2 86.2 129.4

121 56.0 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 10.202 ng

RT: 7.898 min Scan# 970

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

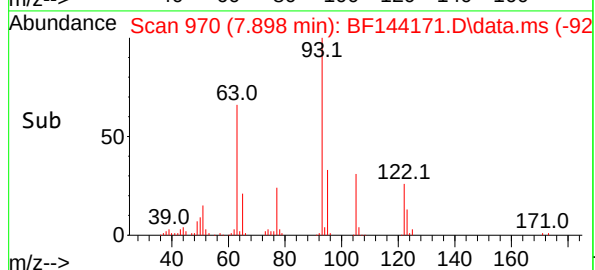
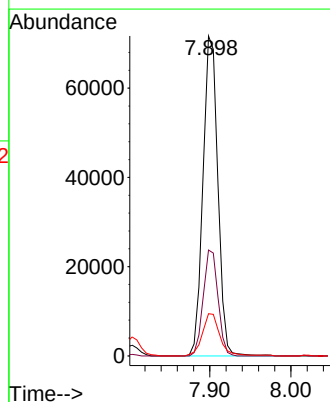
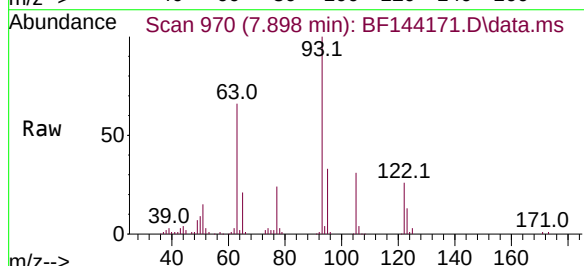
Tgt Ion: 93 Resp: 91497

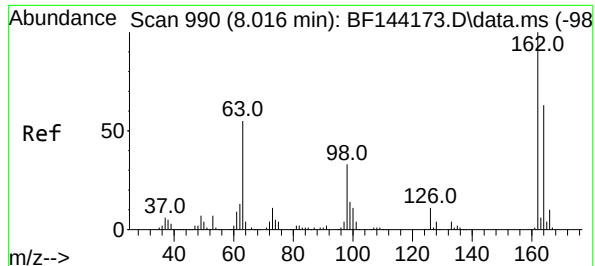
Ion Ratio Lower Upper

93 100

95 33.1 24.2 36.4

123 13.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 10.643 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

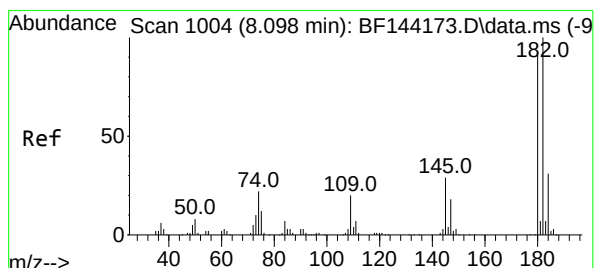
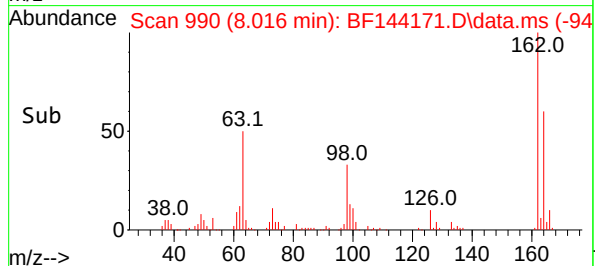
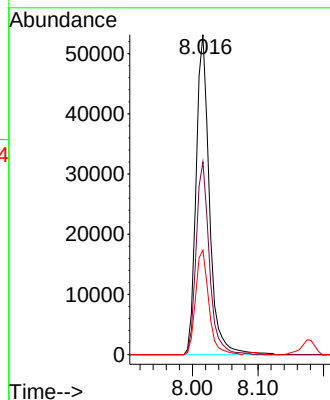
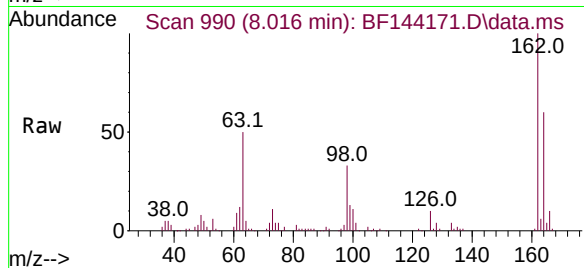
Tgt Ion:162 Resp: 75032

Ion Ratio Lower Upper

162 100

164 60.2 42.9 82.9

98 32.7 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 10.585 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

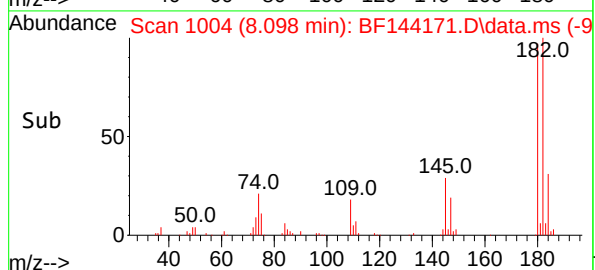
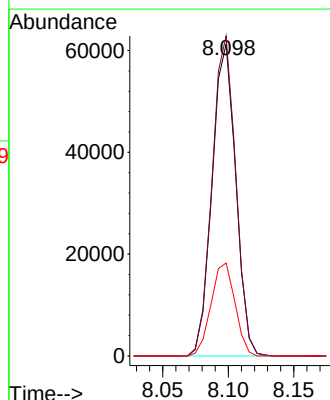
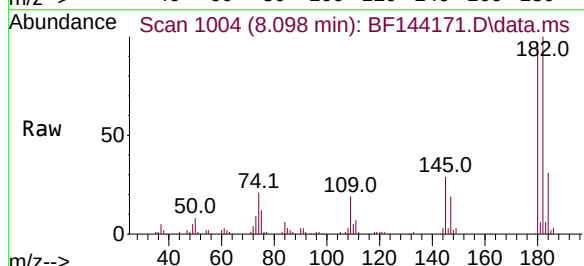
Tgt Ion:180 Resp: 76623

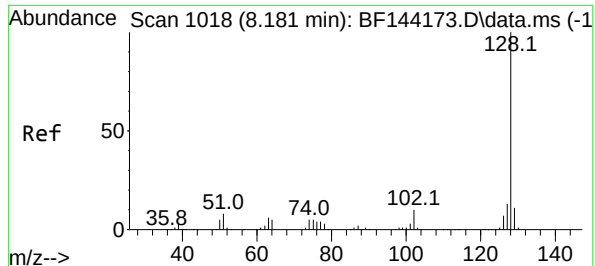
Ion Ratio Lower Upper

180 100

182 102.7 87.7 131.5

145 29.8 25.4 38.0





#31

Naphthalene

Concen: 10.590 ng

RT: 8.181 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144171.D

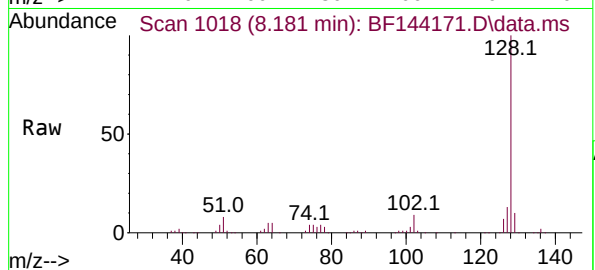
Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



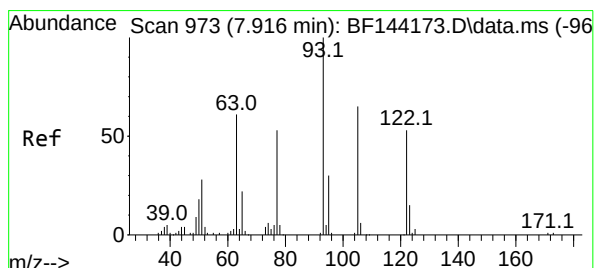
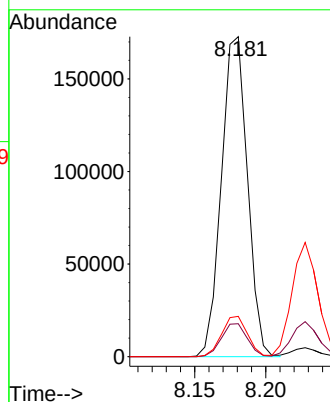
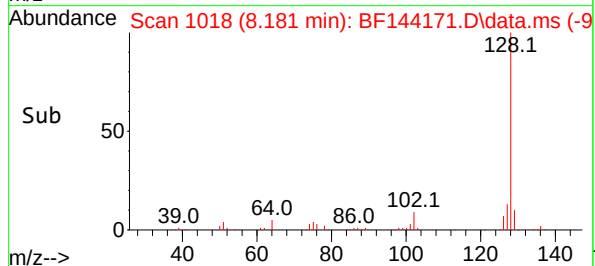
Tgt Ion:128 Resp: 220903

Ion Ratio Lower Upper

128 100

129 10.3 8.9 13.3

127 12.6 10.3 15.5



#32

Benzoic acid

Concen: 13.120 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.041 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

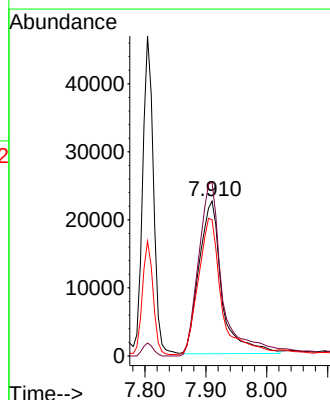
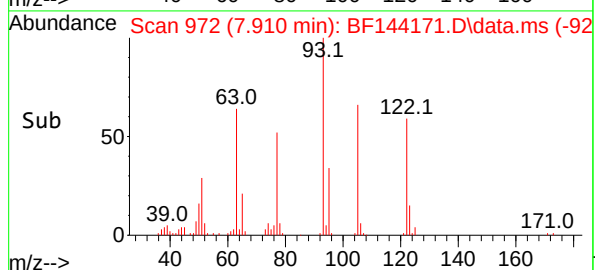
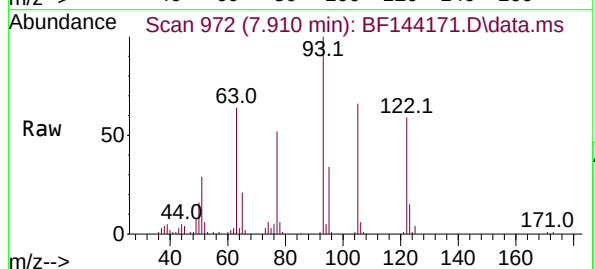
Tgt Ion:122 Resp: 58822

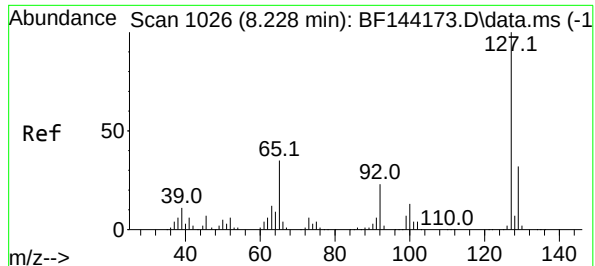
Ion Ratio Lower Upper

122 100

105 112.1 99.9 139.9

77 88.0 77.5 117.5





#33

4-Chloroaniline

Concen: 10.476 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 79703

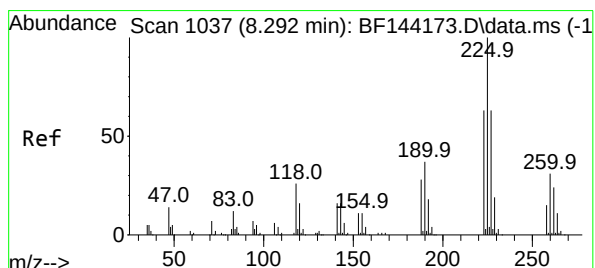
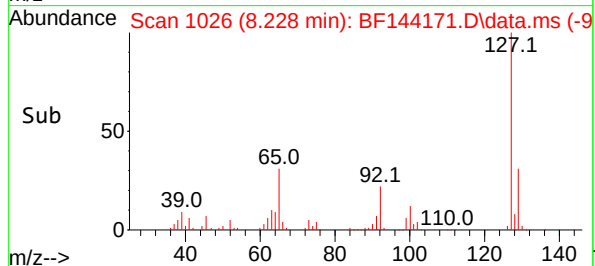
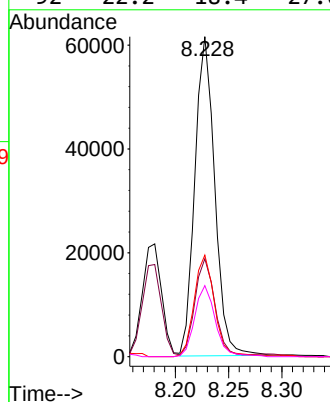
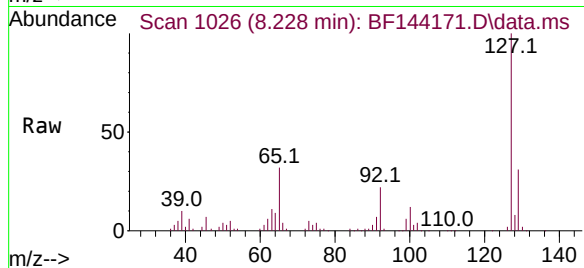
Ion Ratio Lower Upper

127 100

129 30.6 25.3 37.9

65 31.7 27.6 41.4

92 22.2 18.4 27.6



#34

Hexachlorobutadiene

Concen: 10.054 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

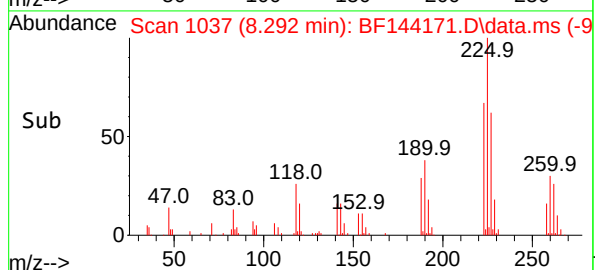
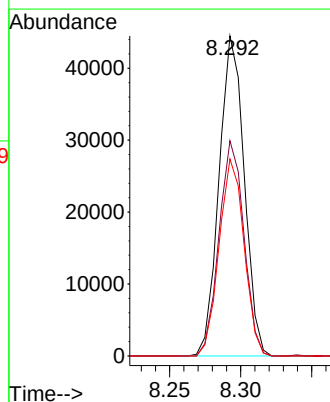
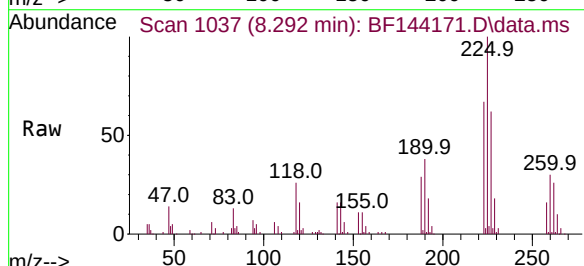
Tgt Ion:225 Resp: 54849

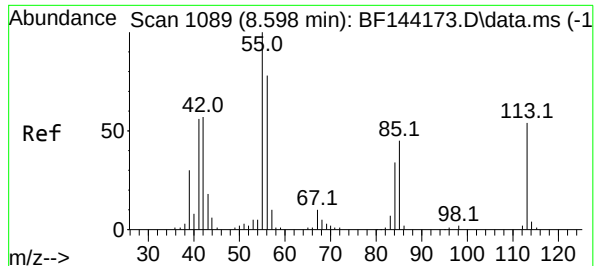
Ion Ratio Lower Upper

225 100

223 67.2 50.2 75.4

227 61.5 50.1 75.1

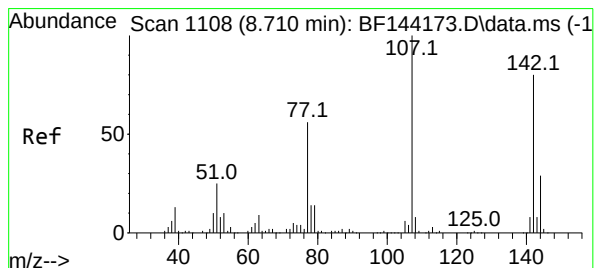
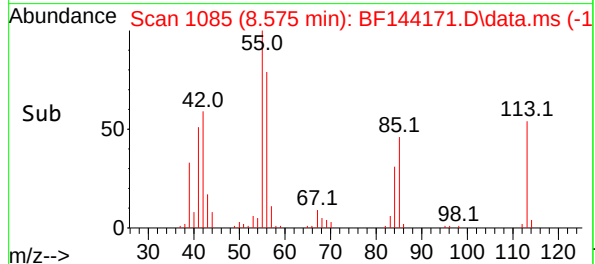
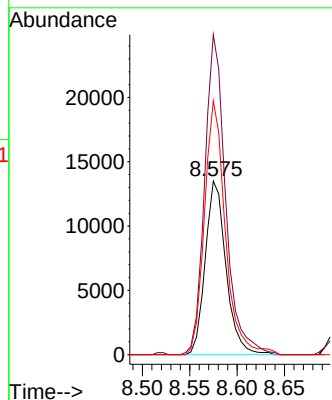
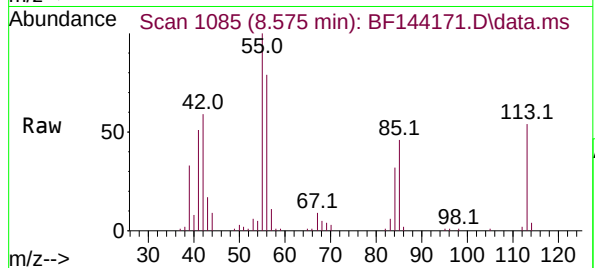




#35
Caprolactam
Concen: 10.645 ng
RT: 8.575 min Scan# 1085
Delta R.T. -0.047 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

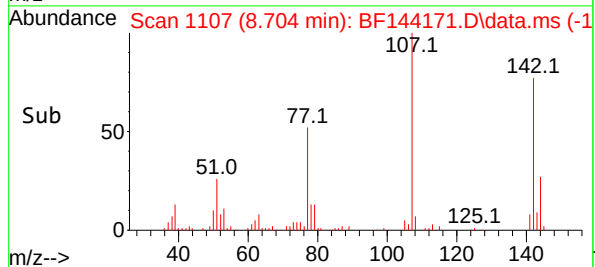
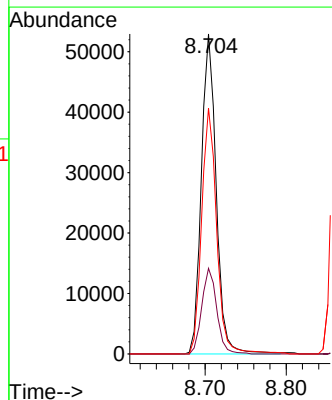
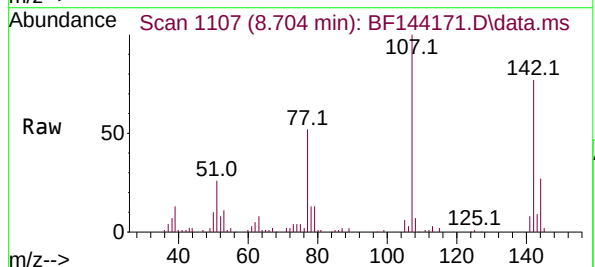
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

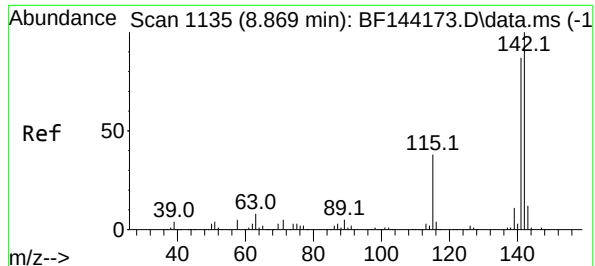
Tgt Ion:113 Resp: 20560
Ion Ratio Lower Upper
113 100
55 184.5 166.8 206.8
56 146.2 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 10.641 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:107 Resp: 67228
Ion Ratio Lower Upper
107 100
144 26.7 23.3 34.9
142 76.8 63.8 95.6





#37

2-Methylnaphthalene

Concen: 10.571 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

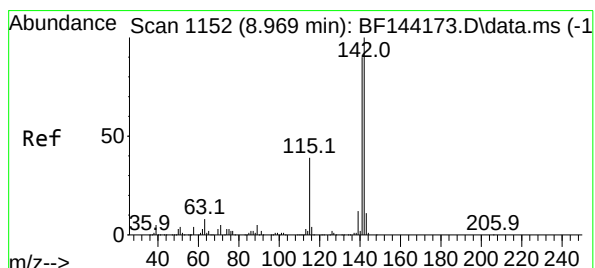
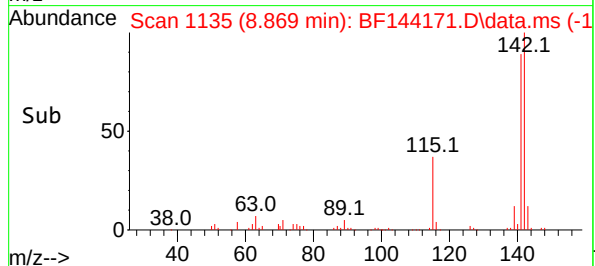
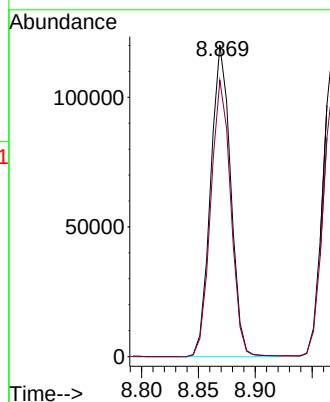
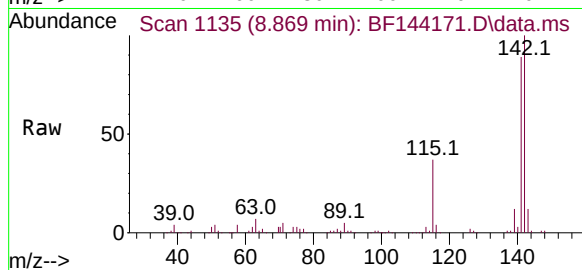
SSTDICC010

Tgt Ion:142 Resp: 147427

Ion Ratio Lower Upper

142 100

141 88.7 69.9 104.9



#38

1-Methylnaphthalene

Concen: 11.093 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144171.D

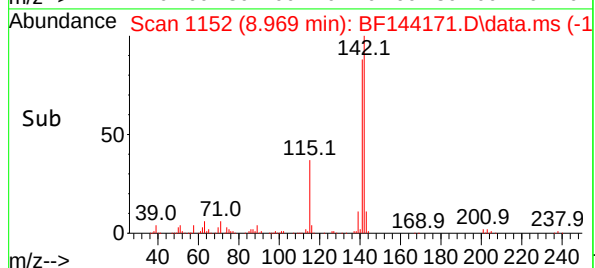
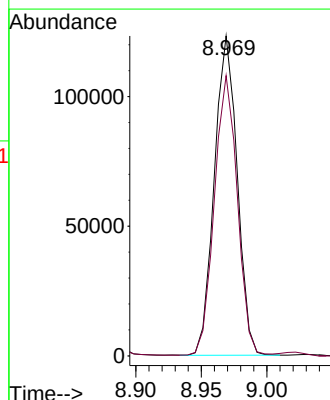
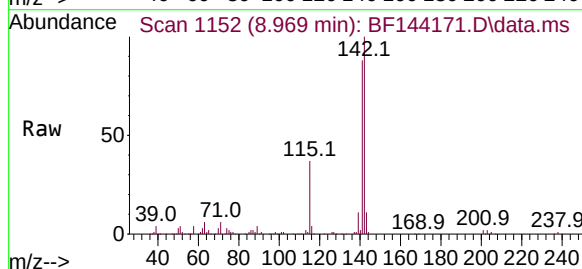
Acq: 05 Nov 2025 13:50

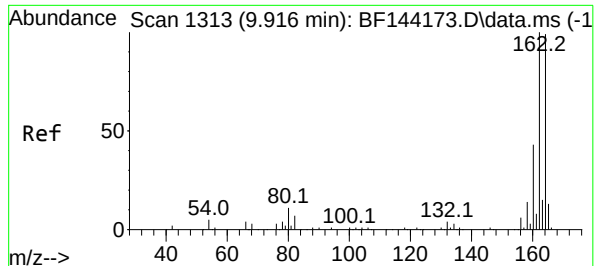
Tgt Ion:142 Resp: 149280

Ion Ratio Lower Upper

142 100

141 87.6 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

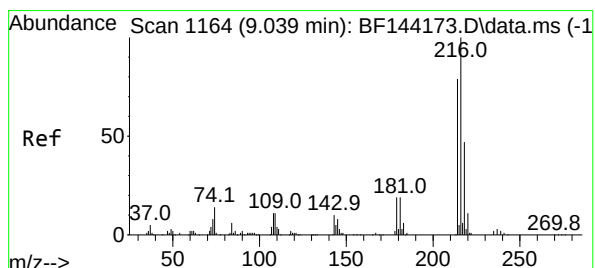
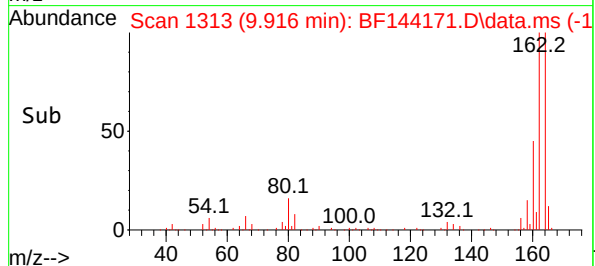
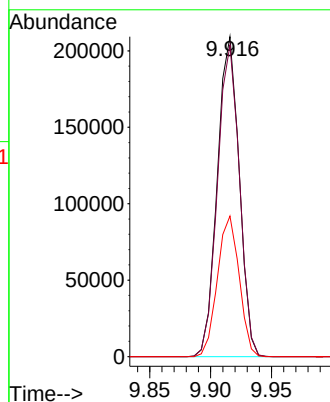
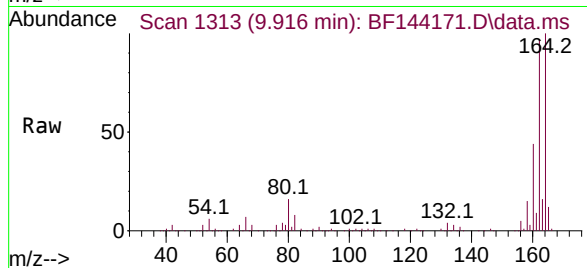
Tgt Ion:164 Resp: 261107

Ion Ratio Lower Upper

164 100

162 97.4 81.1 121.7

160 43.9 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.098 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Tgt Ion:216 Resp: 86408

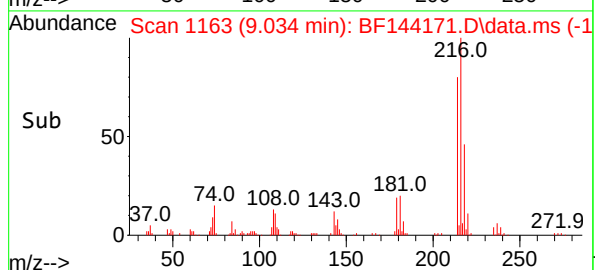
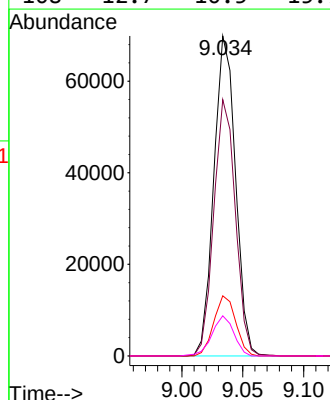
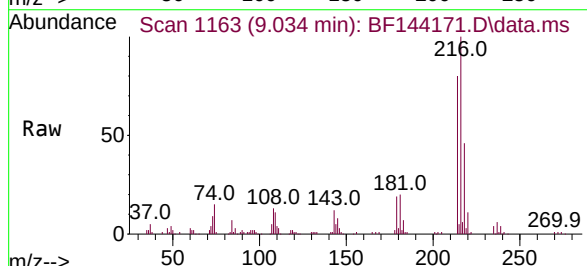
Ion Ratio Lower Upper

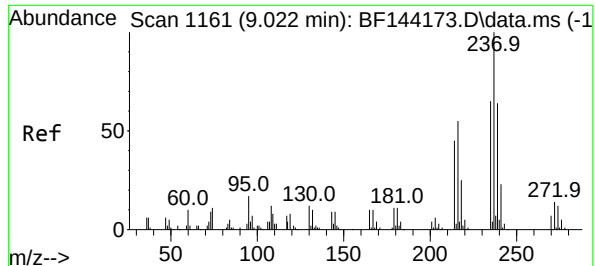
216 100

214 79.8 63.4 95.2

179 19.0 15.0 22.4

108 12.7 10.5 15.7

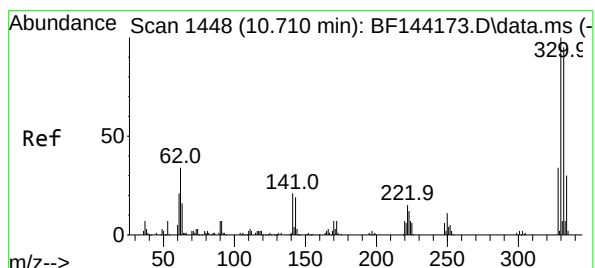
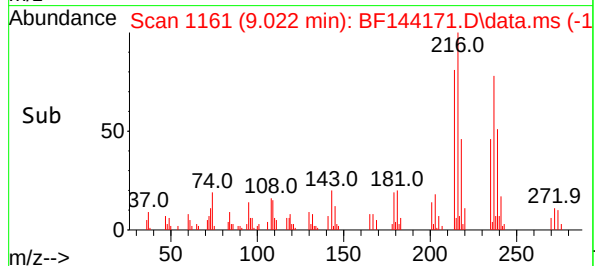
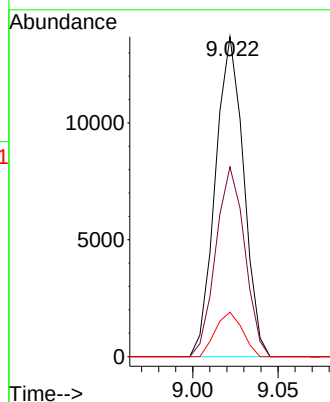
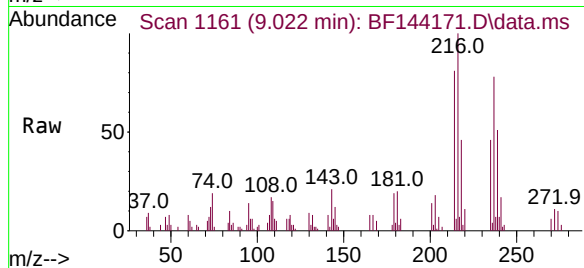




#41
Hexachlorocyclopentadiene
Concen: 10.609 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

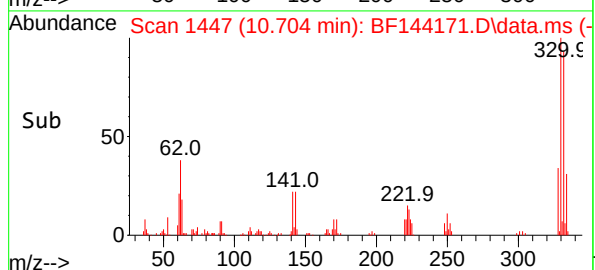
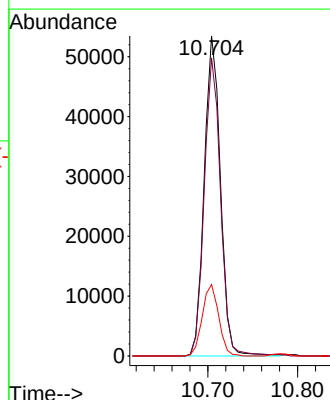
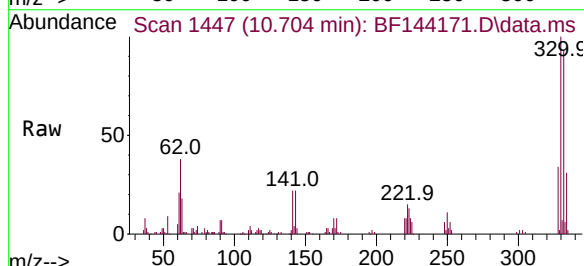
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

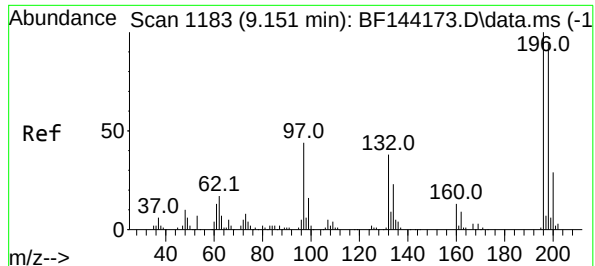
Tgt Ion:237 Resp: 15765
Ion Ratio Lower Upper
237 100
235 59.3 45.5 85.5
272 13.9 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 20.442 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:330 Resp: 66981
Ion Ratio Lower Upper
330 100
332 93.9 76.7 115.1
141 22.6 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 10.054 ng

RT: 9.145 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

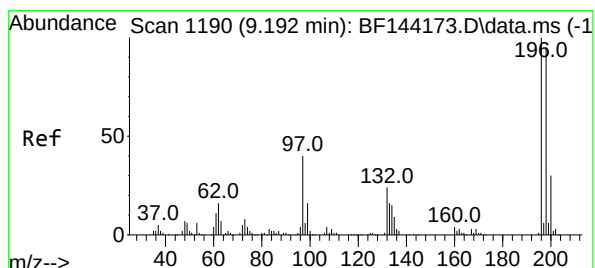
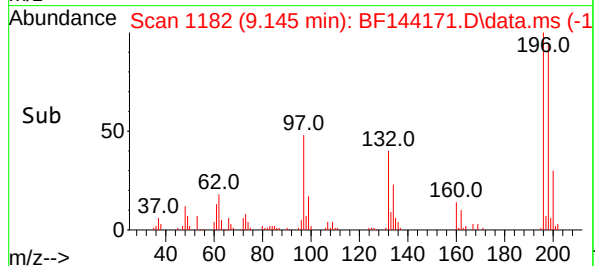
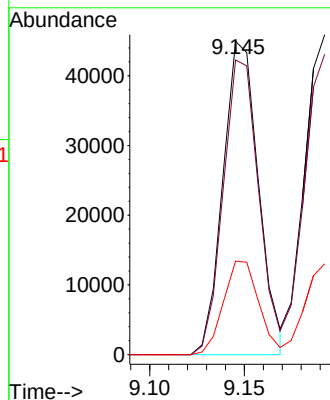
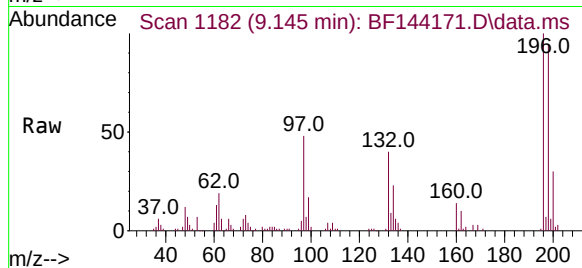
Tgt Ion:196 Resp: 58560

Ion Ratio Lower Upper

196 100

198 94.0 75.3 112.9

200 29.8 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 10.160 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Tgt Ion:196 Resp: 63779

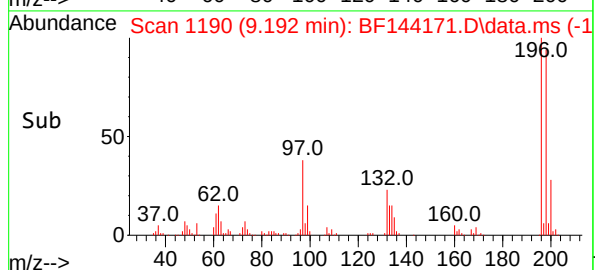
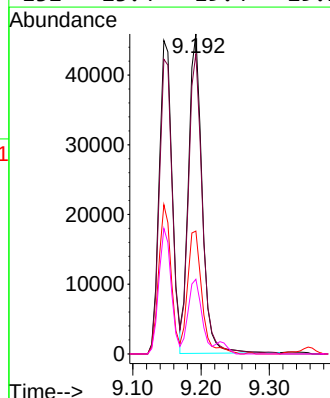
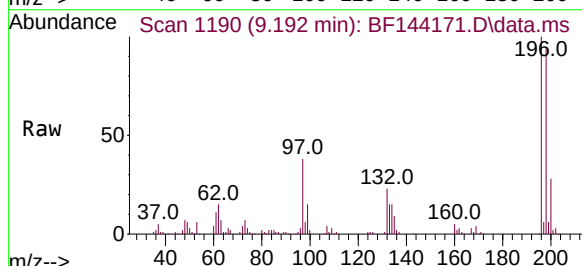
Ion Ratio Lower Upper

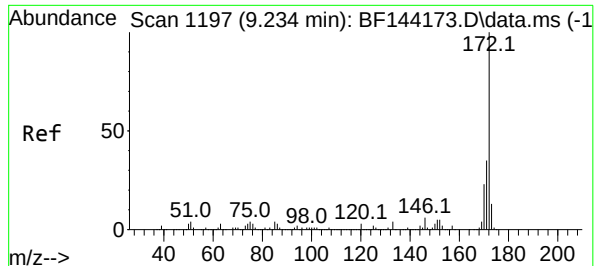
196 100

198 93.9 76.1 114.1

97 38.4 31.9 47.9

132 23.4 19.4 29.2

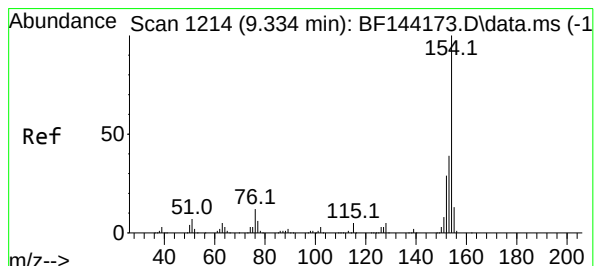
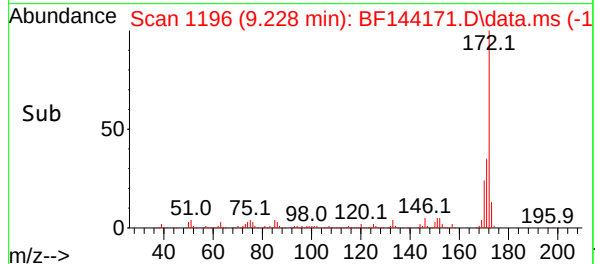
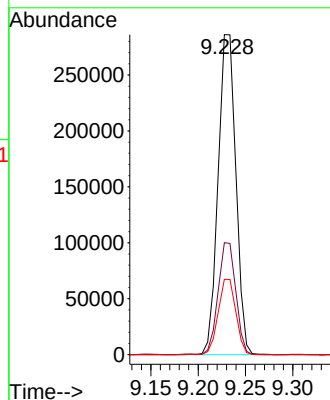
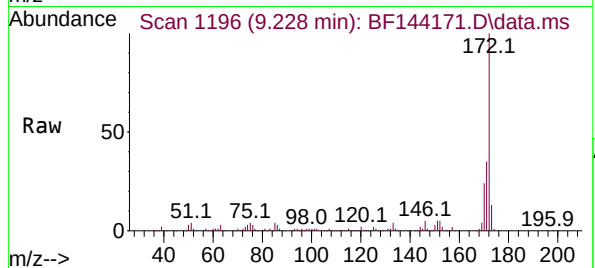




#45
2-Fluorobiphenyl
Concen: 21.090 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

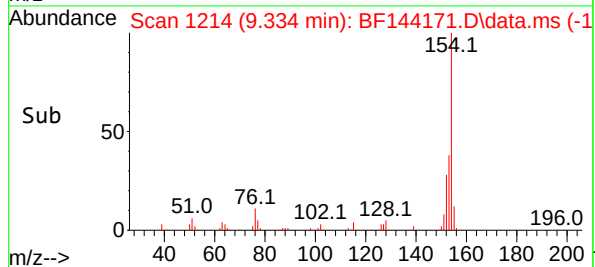
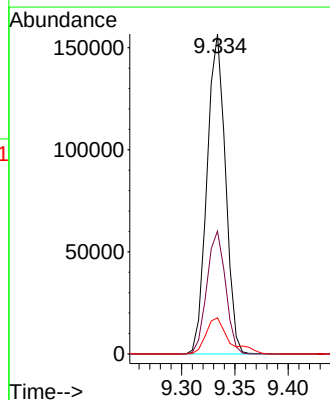
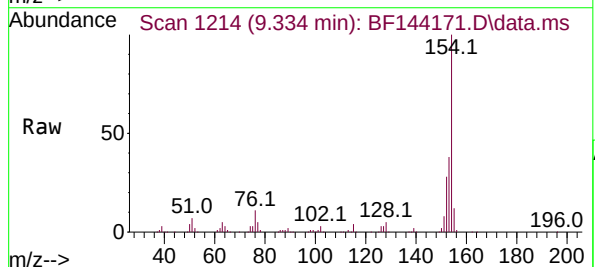
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

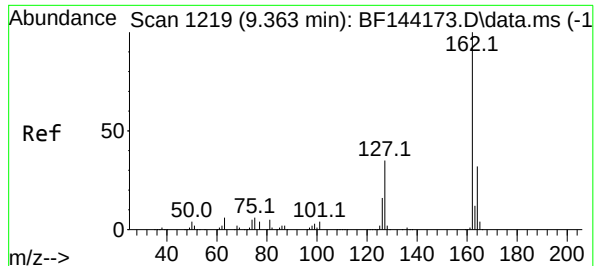
Tgt Ion:172 Resp: 372845
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 10.355 ng
RT: 9.334 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:154 Resp: 188739
Ion Ratio Lower Upper
154 100
153 38.4 19.2 59.2
76 11.3 0.0 31.8





#47

2-Chloronaphthalene

Concen: 10.211 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

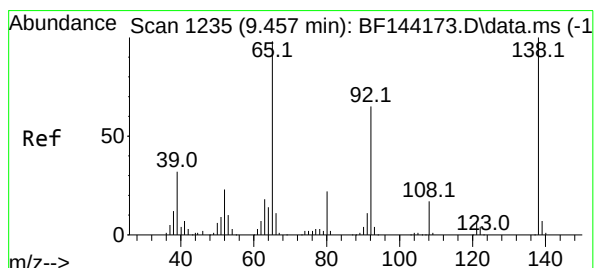
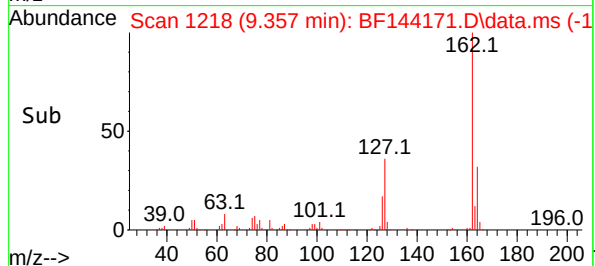
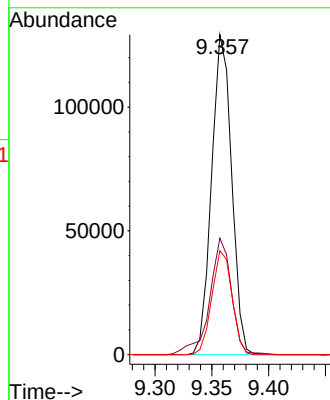
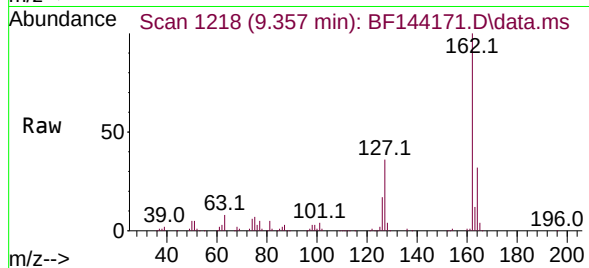
Tgt Ion:162 Resp: 158745

Ion Ratio Lower Upper

162 100

127 36.4 28.8 43.2

164 32.5 25.8 38.8



#48

2-Nitroaniline

Concen: 10.104 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

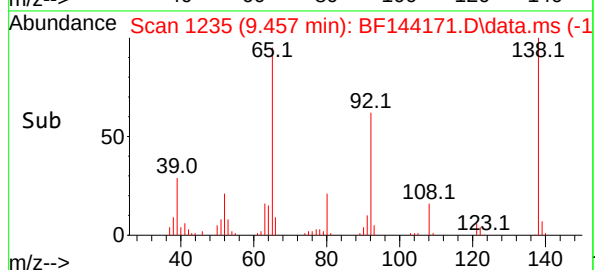
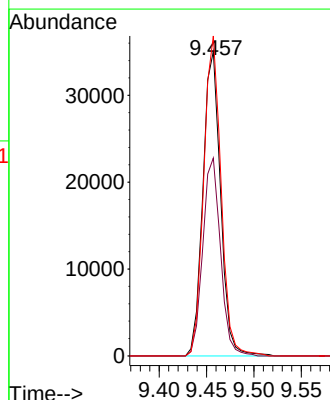
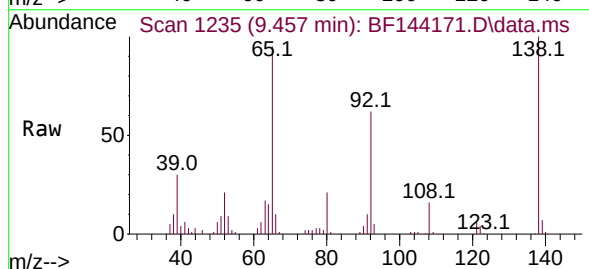
Tgt Ion: 65 Resp: 45323

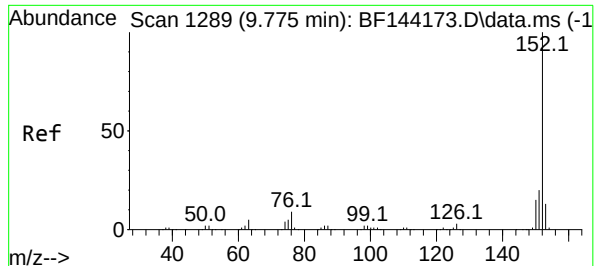
Ion Ratio Lower Upper

65 100

92 65.0 53.0 79.6

138 105.1 81.6 122.4





#49

Acenaphthylene

Concen: 10.390 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

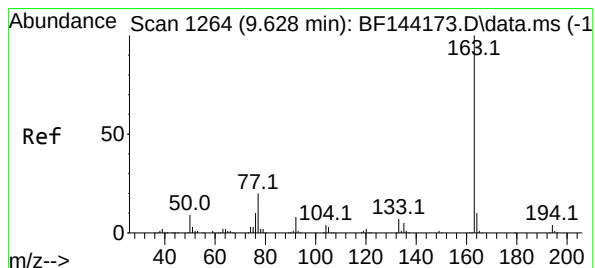
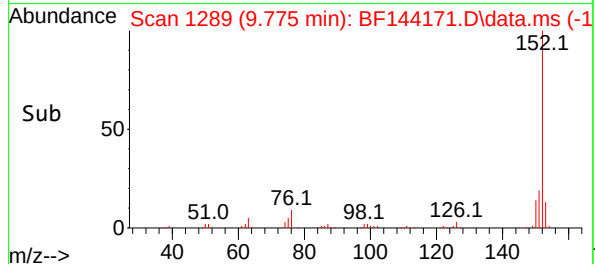
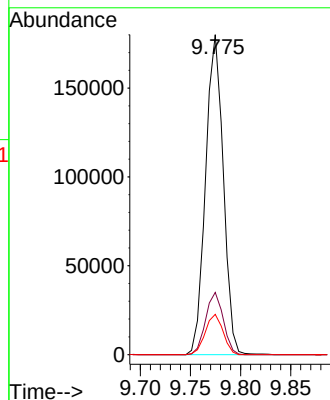
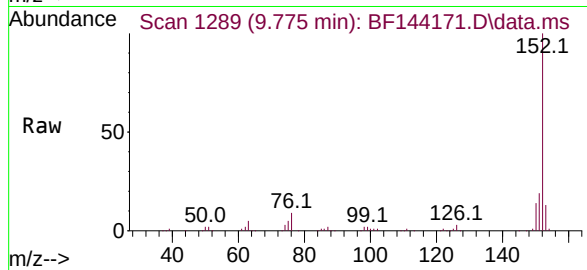
Tgt Ion:152 Resp: 220118

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.6 10.5 15.7



#50

Dimethylphthalate

Concen: 10.133 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

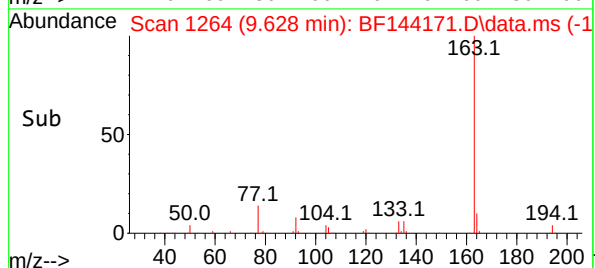
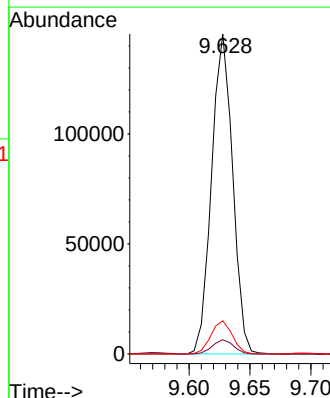
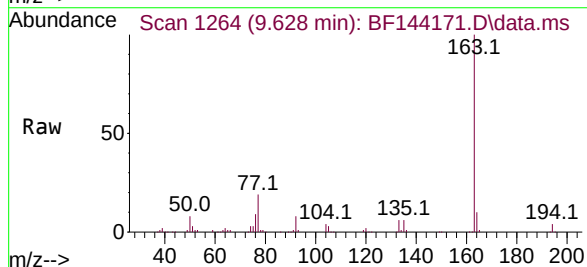
Tgt Ion:163 Resp: 175284

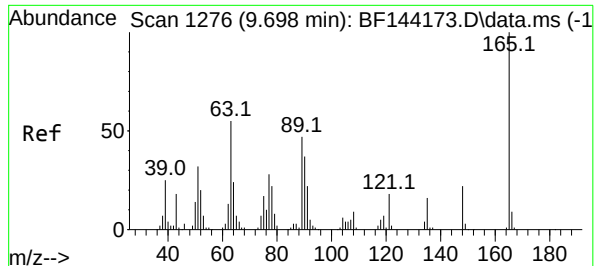
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.3 8.1 12.1

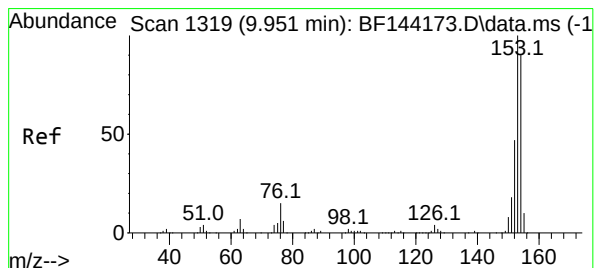
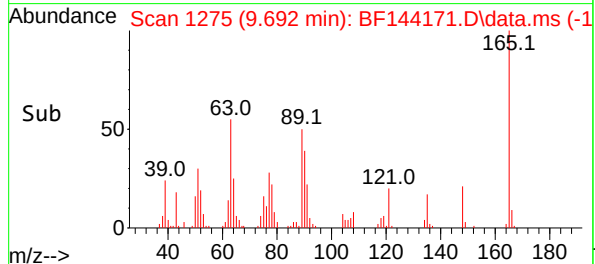
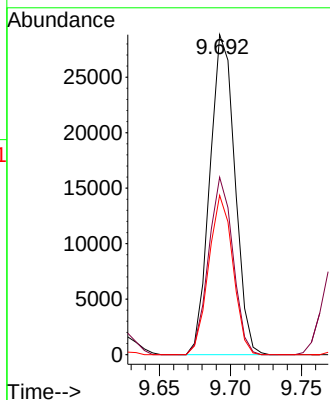
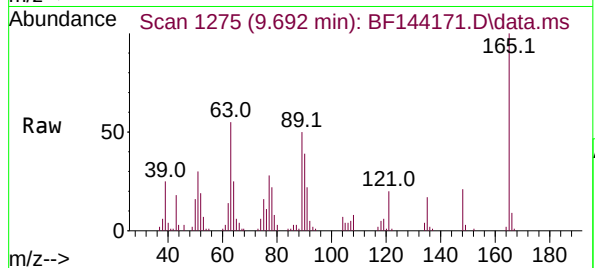




#51
2,6-Dinitrotoluene
Concen: 10.119 ng
RT: 9.692 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

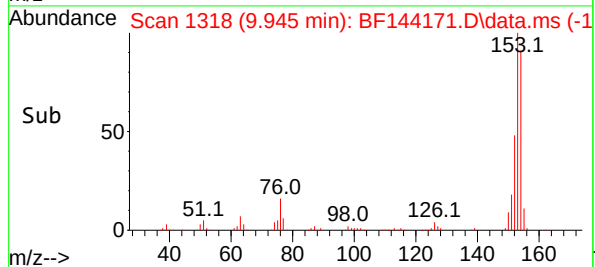
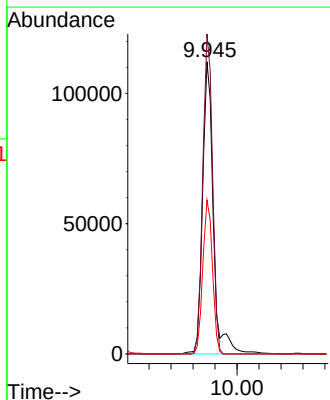
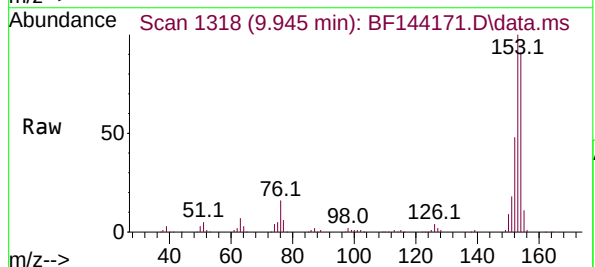
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

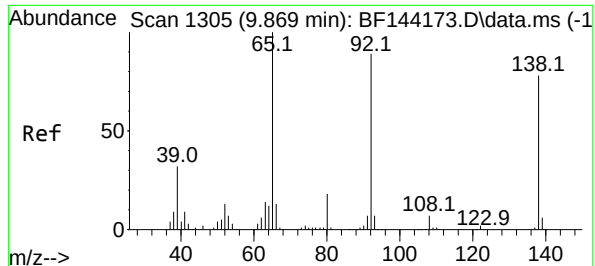
Tgt Ion:165 Resp: 35433
Ion Ratio Lower Upper
165 100
63 55.4 43.8 65.8
89 49.8 37.5 56.3



#52
Acenaphthene
Concen: 10.705 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:154 Resp: 151661
Ion Ratio Lower Upper
154 100
153 109.5 89.0 133.4
152 52.7 42.2 63.4





#53

3-Nitroaniline

Concen: 10.259 ng

RT: 9.863 min Scan# 1305

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

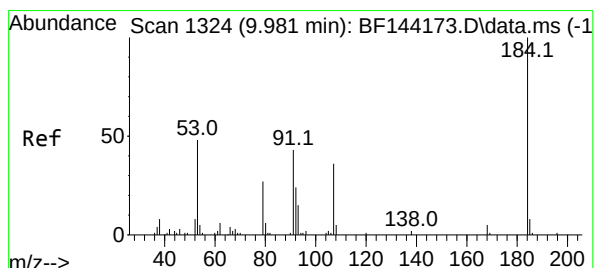
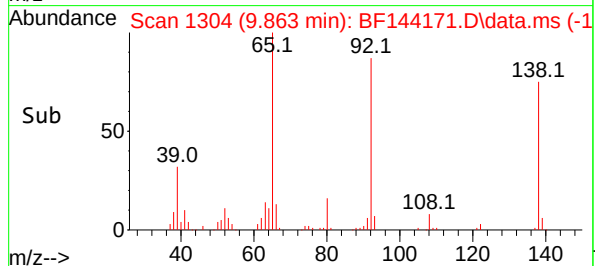
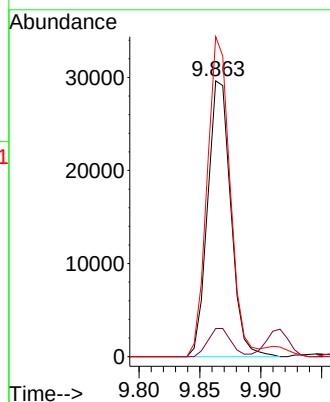
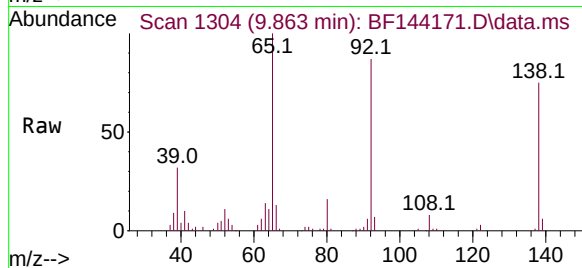
Tgt Ion:138 Resp: 39270

Ion Ratio Lower Upper

138 100

108 10.2 7.5 11.3

92 116.1 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 12.447 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

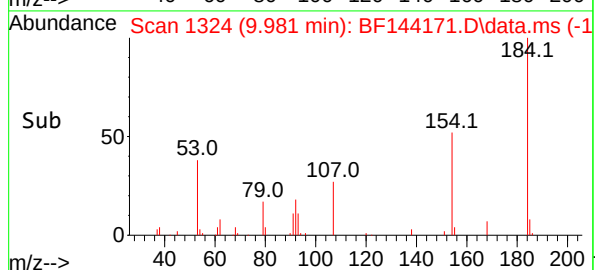
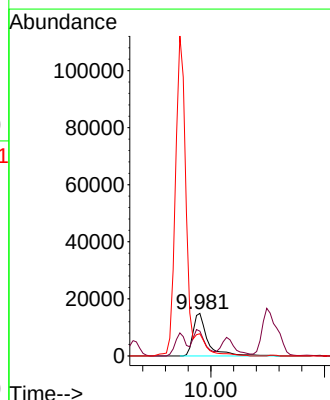
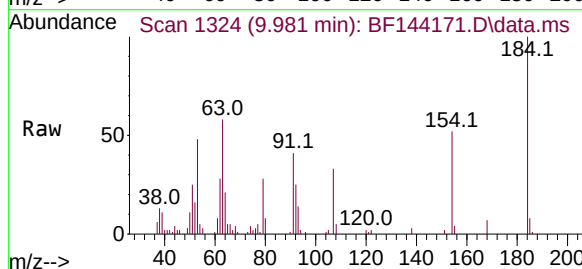
Tgt Ion:184 Resp: 26319

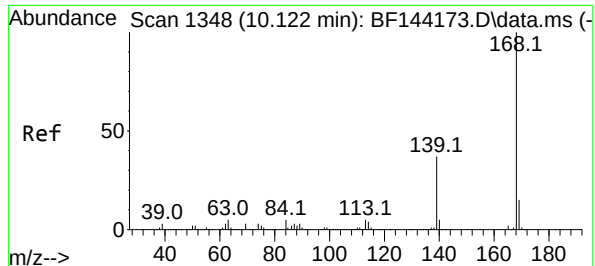
Ion Ratio Lower Upper

184 100

63 58.3 44.0 66.0

154 51.9 42.4 63.6





#55

Dibenzofuran

Concen: 10.530 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

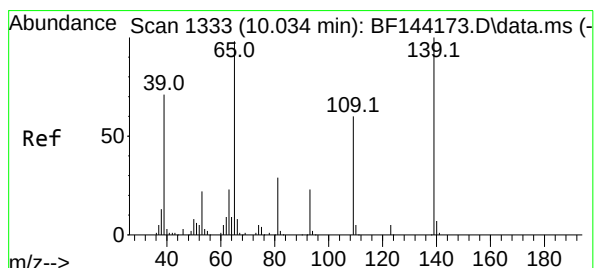
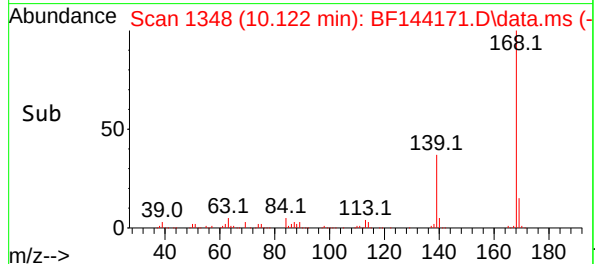
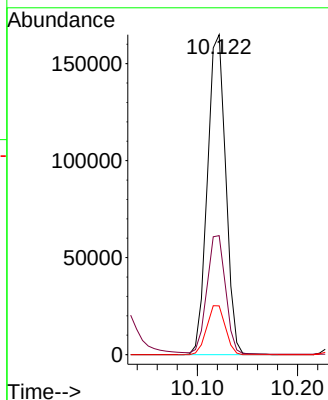
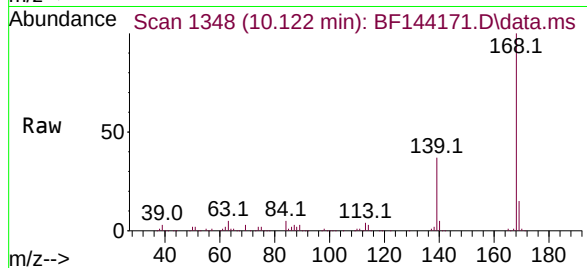
Tgt Ion:168 Resp: 208943

Ion Ratio Lower Upper

168 100

139 37.2 30.2 45.2

169 15.2 12.2 18.4



#56

4-Nitrophenol

Concen: 12.867 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

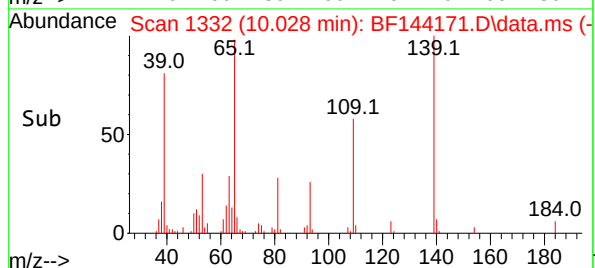
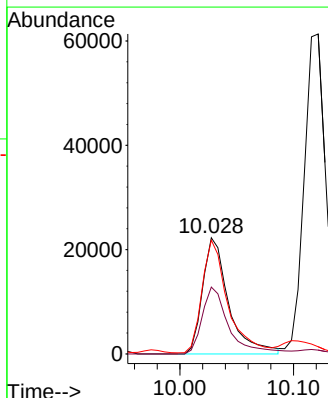
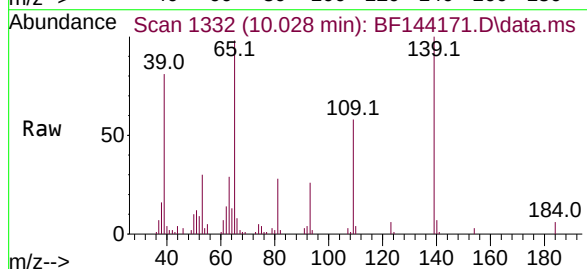
Tgt Ion:139 Resp: 35627

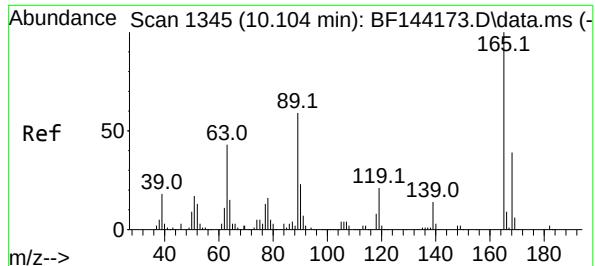
Ion Ratio Lower Upper

139 100

109 57.6 39.9 79.9

65 98.0 79.5 119.5

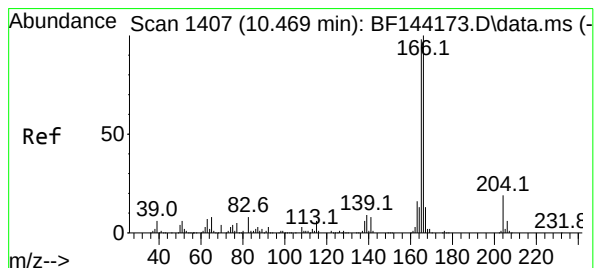
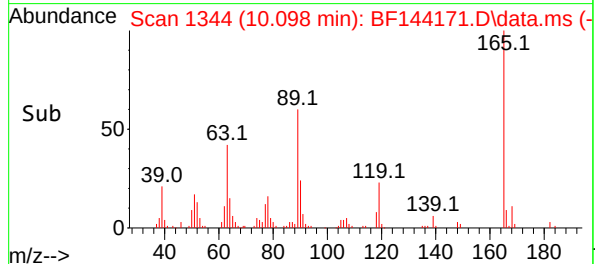
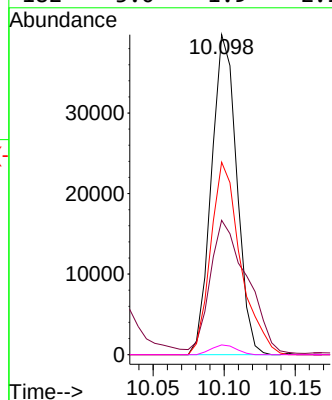
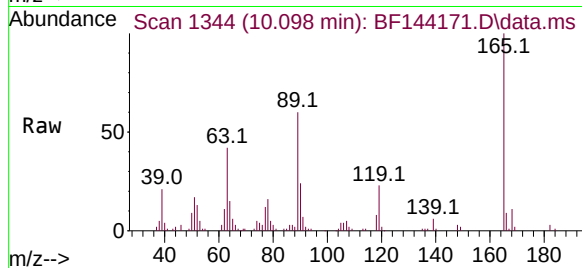




#57
2,4-Dinitrotoluene
Concen: 10.508 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

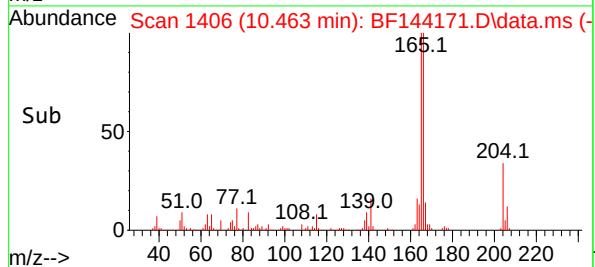
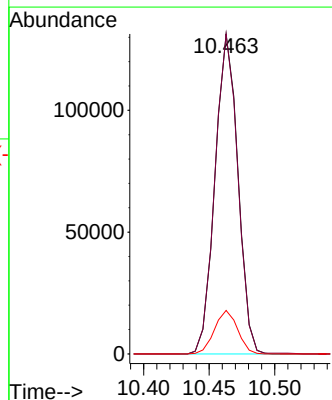
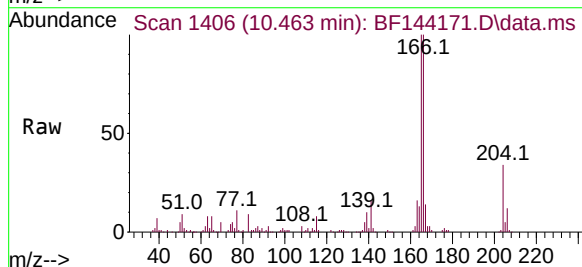
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

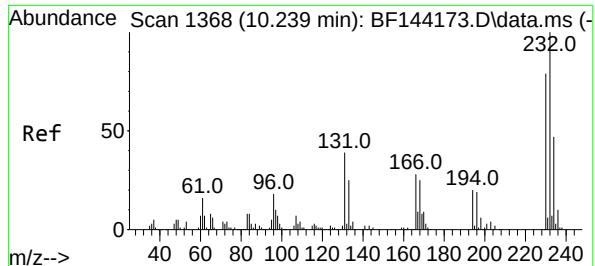
Tgt Ion:165 Resp: 49257
Ion Ratio Lower Upper
165 100
63 42.0 35.5 53.3
89 60.1 47.4 71.2
182 3.0 1.9 2.9#



#58
Fluorene
Concen: 10.581 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:166 Resp: 159623
Ion Ratio Lower Upper
166 100
165 99.9 78.6 118.0
167 13.6 10.4 15.6

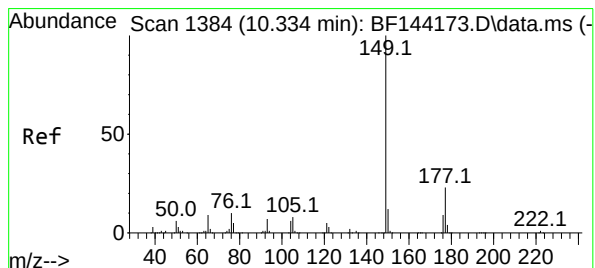
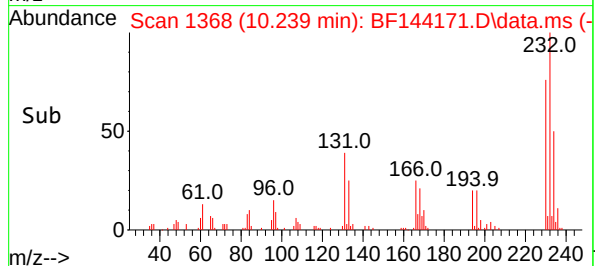
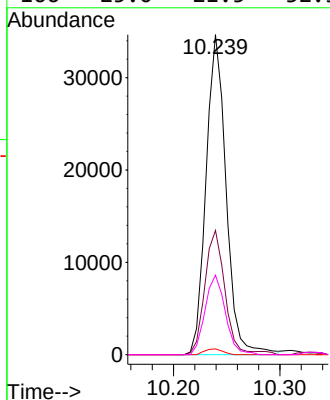
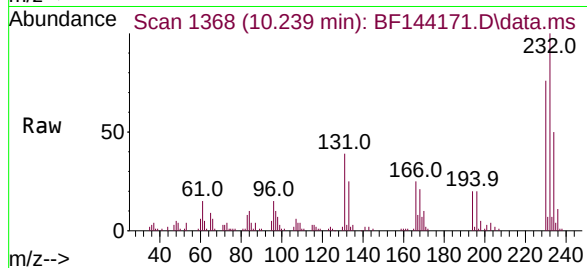




#59
2,3,4,6-Tetrachlorophenol
Concen: 10.207 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

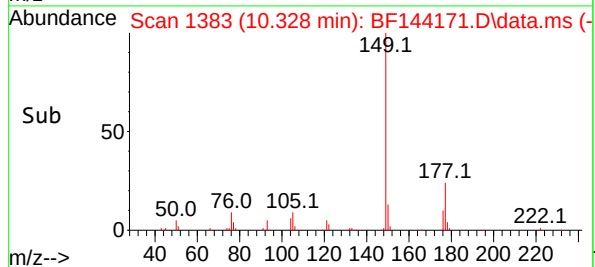
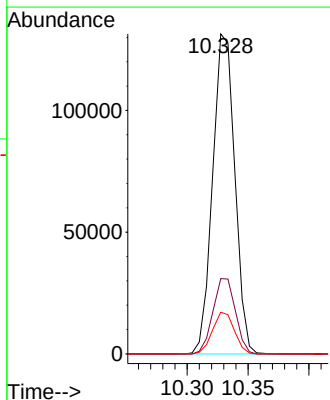
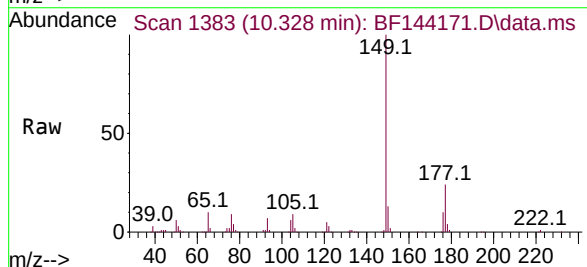
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

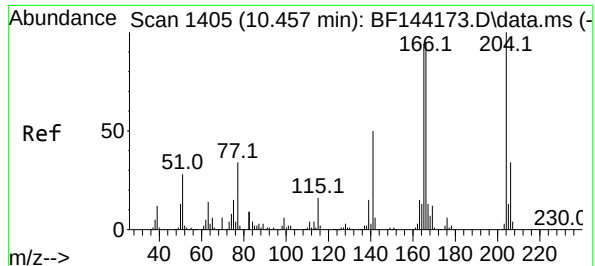
Tgt Ion:232 Resp: 45333
Ion Ratio Lower Upper
232 100
131 39.1 30.3 45.5
130 1.6 1.2 1.8
166 25.0 21.5 32.3



#60
Diethylphthalate
Concen: 10.426 ng
RT: 10.328 min Scan# 1383
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:149 Resp: 166246
Ion Ratio Lower Upper
149 100
177 23.5 18.3 27.5
150 13.0 9.8 14.6

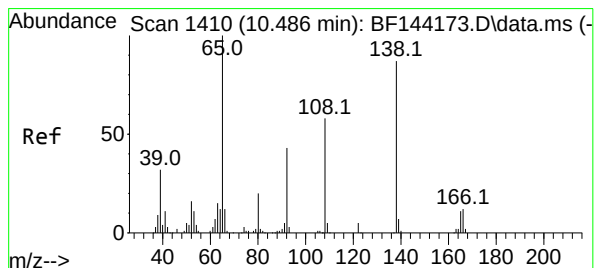
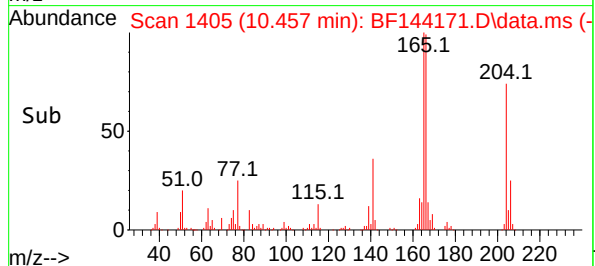
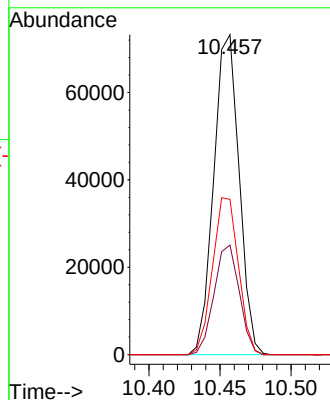
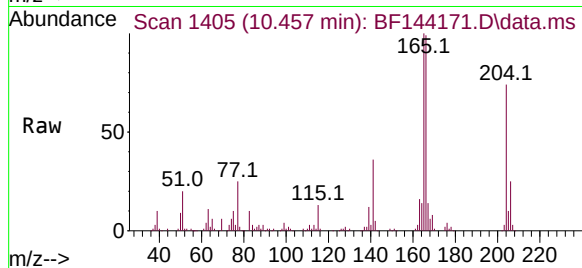




#61
4-Chlorophenyl-phenylether
Concen: 10.645 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

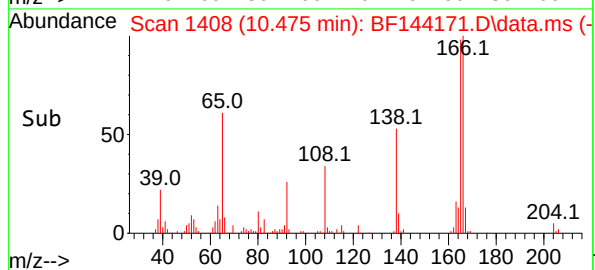
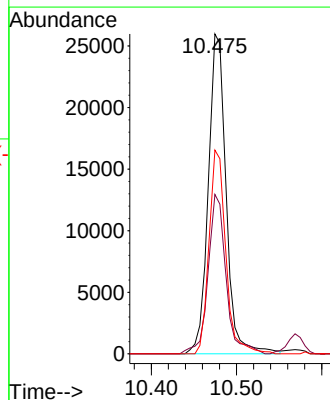
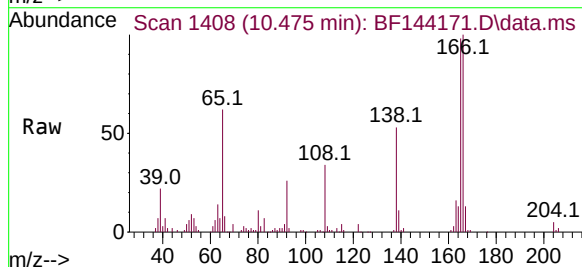
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

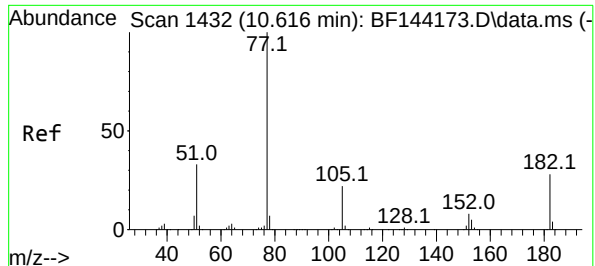
Tgt Ion:	204	Resp:	91478
Ion Ratio	Lower	Upper	
204	100		
206	34.2	27.4	41.2
141	48.5	40.0	60.0



#62
4-Nitroaniline
Concen: 10.375 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:	138	Resp:	37821
Ion Ratio	Lower	Upper	
138	100		
92	49.8	29.4	69.4
108	63.7	46.4	86.4

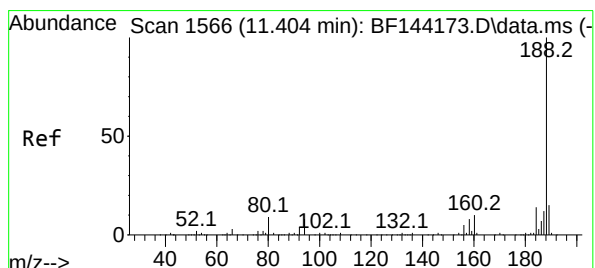
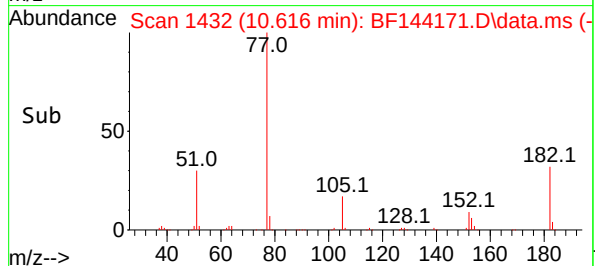
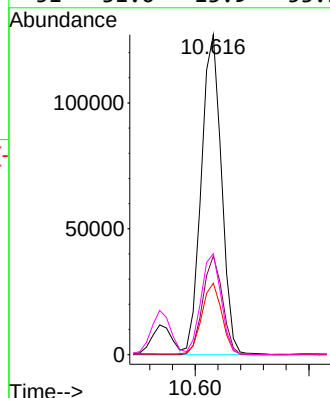
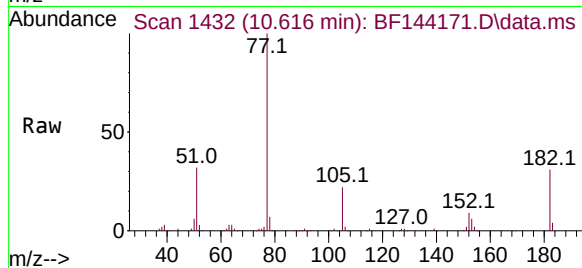




#63
Azobenzene
Concen: 10.586 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

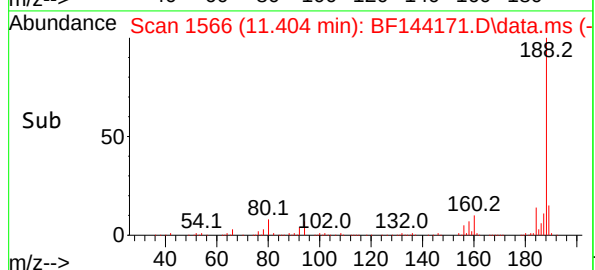
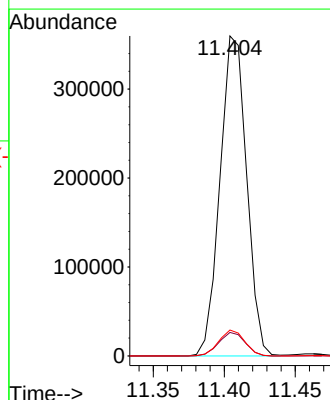
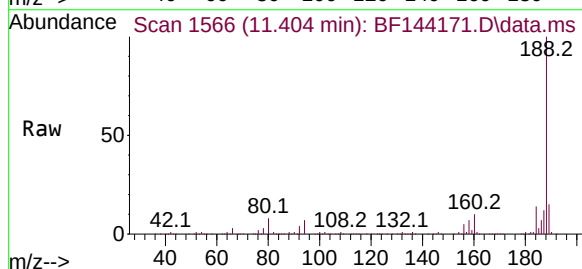
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

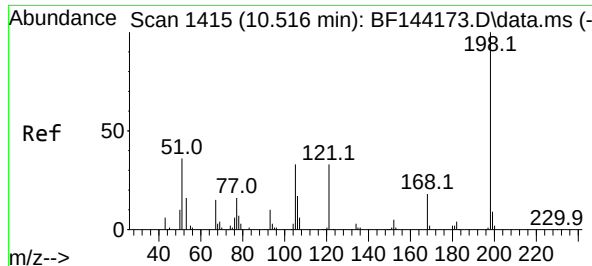
Tgt Ion:	77	Resp:	157098
Ion	Ratio	Lower	Upper
77	100		
182	30.8	8.1	48.1
105	22.3	2.0	42.0
51	31.6	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:	188	Resp:	469428
Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.2
80	8.1	6.9	10.3





#65

4,6-Dinitro-2-methylphenol

Concen: 10.823 ng

RT: 10.510 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

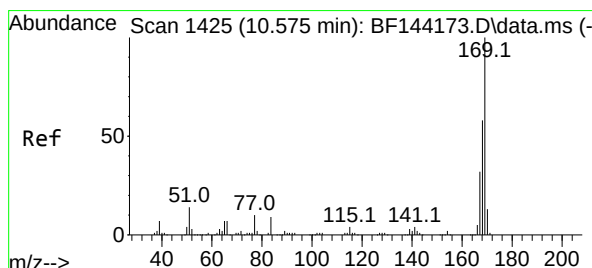
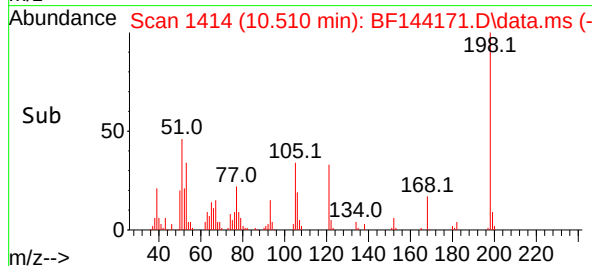
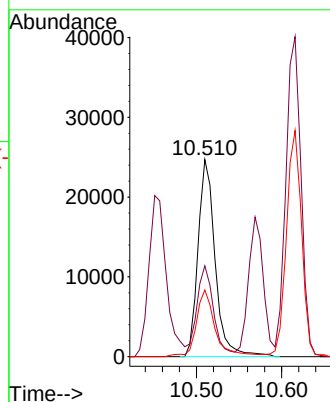
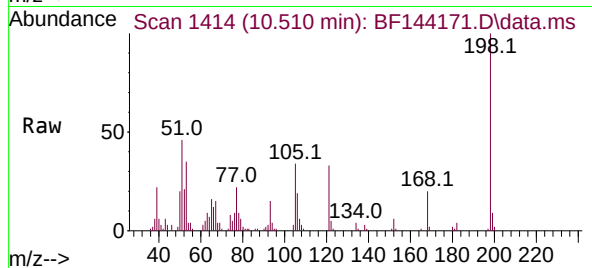
Tgt Ion:198 Resp: 34516

Ion Ratio Lower Upper

198 100

51 46.1 25.6 65.6

105 33.8 14.6 54.6



#66

n-Nitrosodiphenylamine

Concen: 10.509 ng

RT: 10.569 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

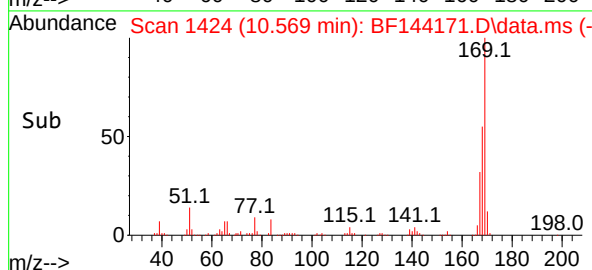
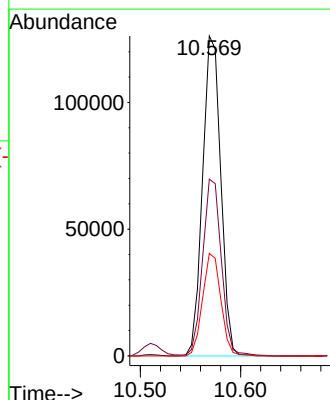
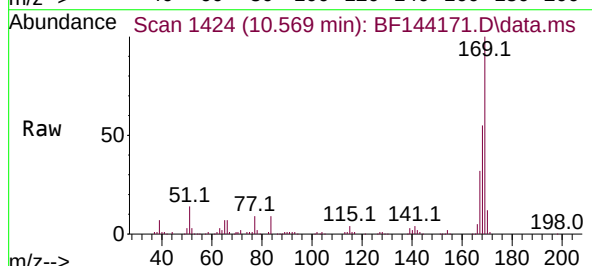
Tgt Ion:169 Resp: 158661

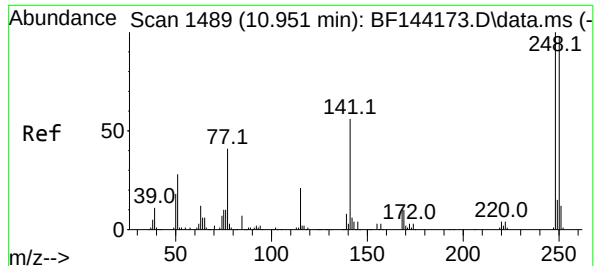
Ion Ratio Lower Upper

169 100

168 55.2 46.2 69.2

167 32.0 25.7 38.5

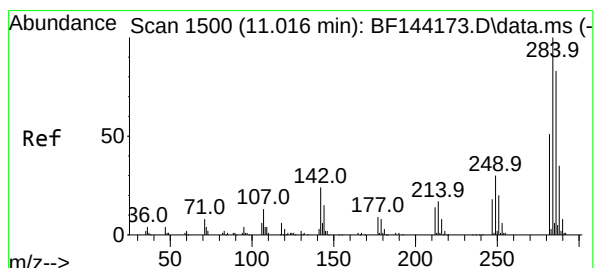
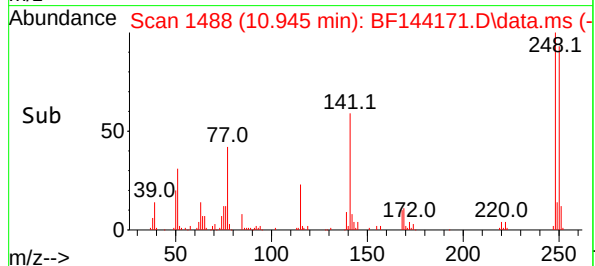
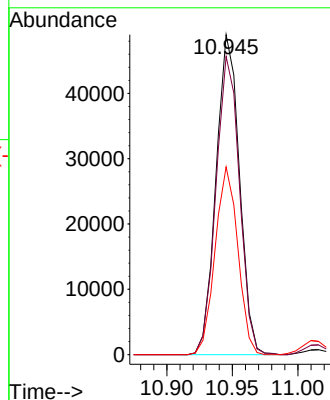
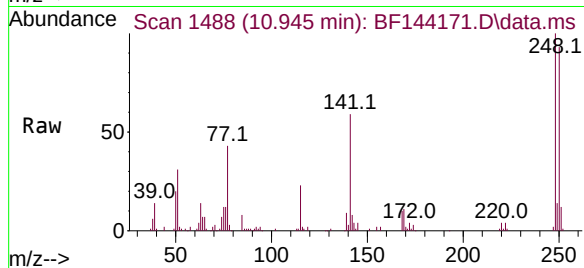




#67
4-Bromophenyl-phenylether
Concen: 10.169 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

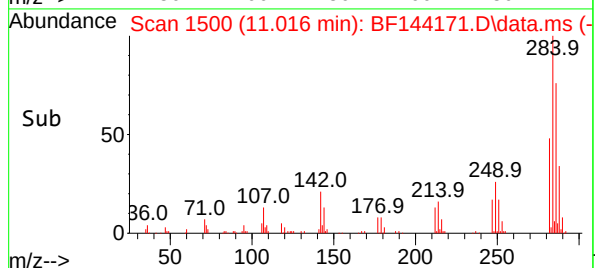
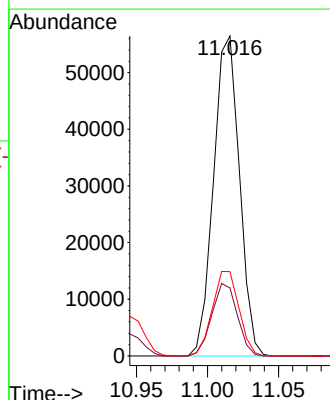
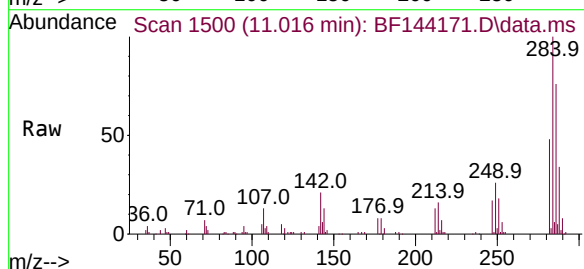
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

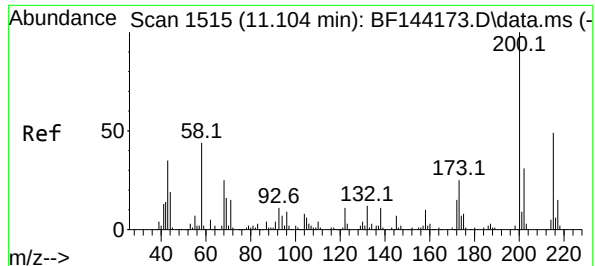
Tgt Ion:248 Resp: 60929
Ion Ratio Lower Upper
248 100
250 93.2 78.4 117.6
141 58.6 45.1 67.7



#68
Hexachlorobenzene
Concen: 10.168 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:284 Resp: 71759
Ion Ratio Lower Upper
284 100
142 21.2 19.2 28.8
249 26.3 23.8 35.8





#69

Atrazine

Concen: 10.302 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

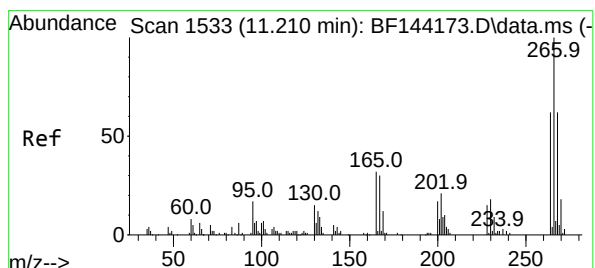
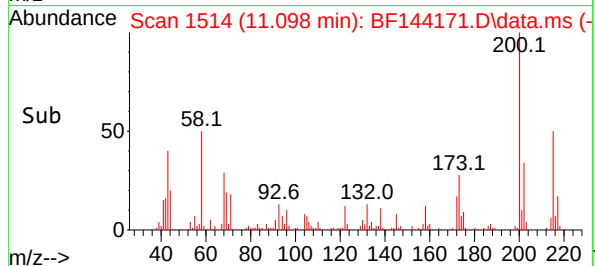
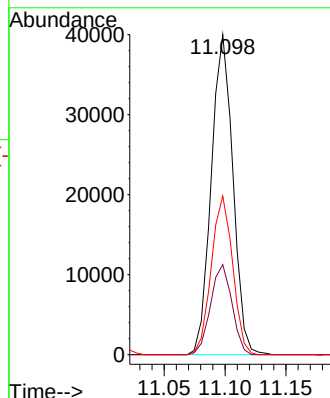
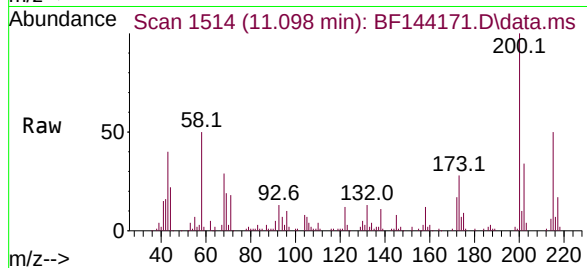
Tgt Ion:200 Resp: 49466

Ion Ratio Lower Upper

200 100

173 28.1 5.0 45.0

215 49.6 28.7 68.7



#70

Pentachlorophenol

Concen: 9.012 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

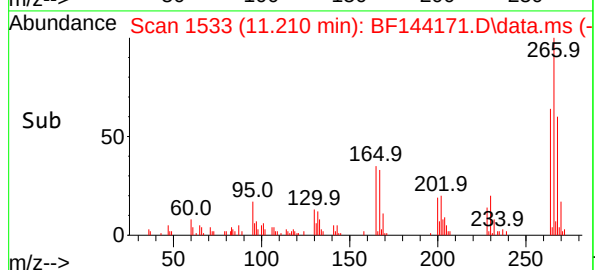
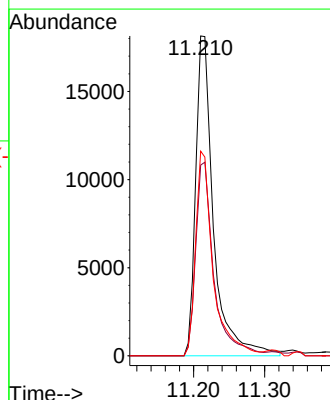
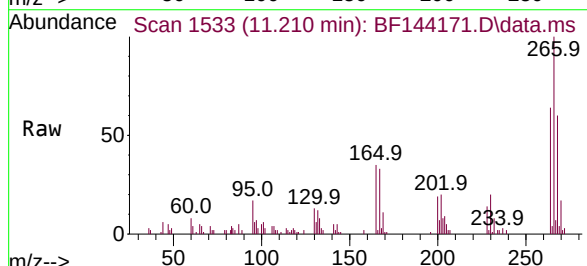
Tgt Ion:266 Resp: 31673

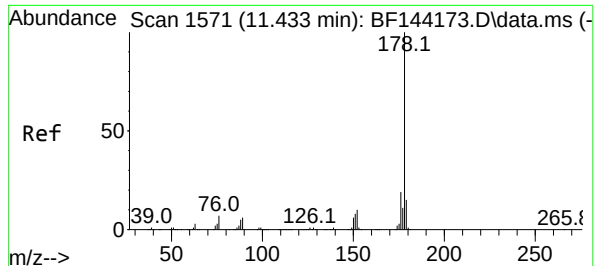
Ion Ratio Lower Upper

266 100

268 59.6 49.5 74.3

264 64.0 49.4 74.2

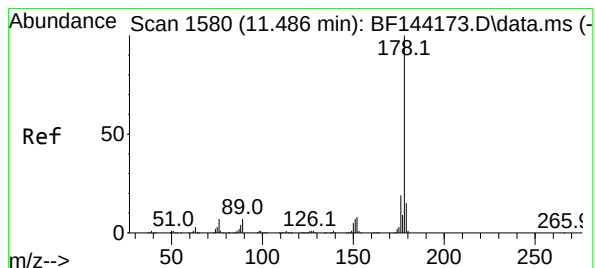
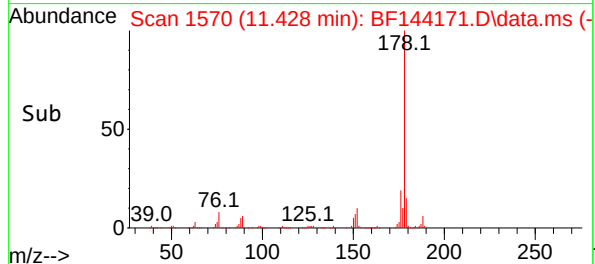
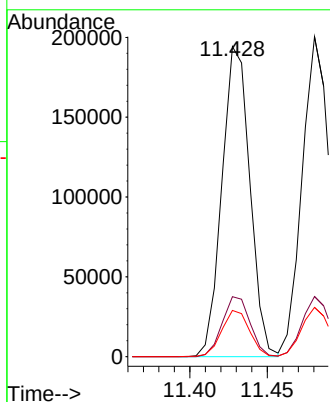
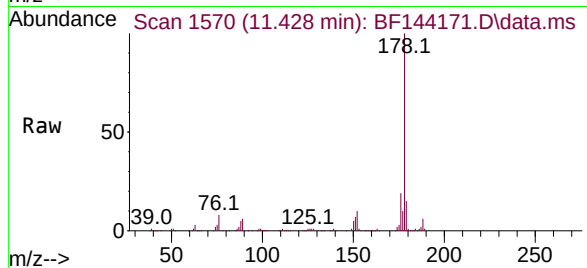




#71
Phenanthrene
Concen: 10.460 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

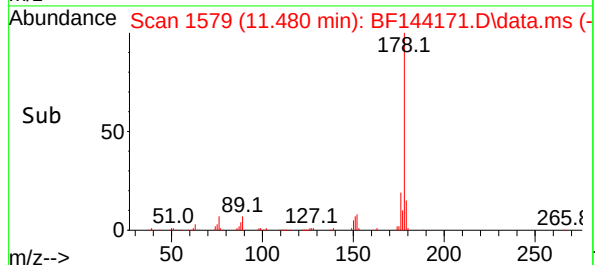
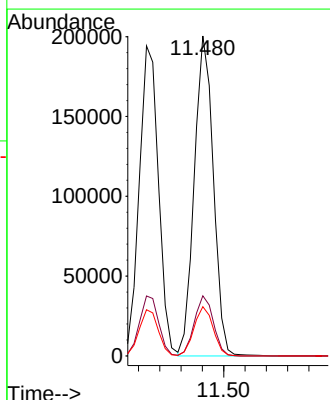
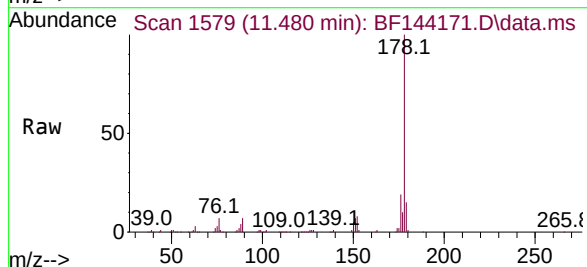
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

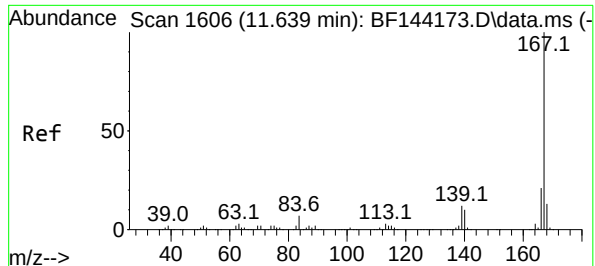
Tgt Ion:178 Resp: 244478
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 14.9 12.2 18.4



#72
Anthracene
Concen: 10.457 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:178 Resp: 248511
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.4 12.0 18.0

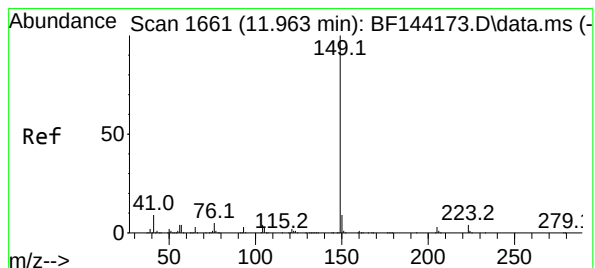
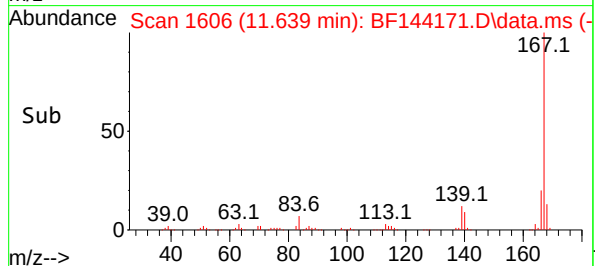
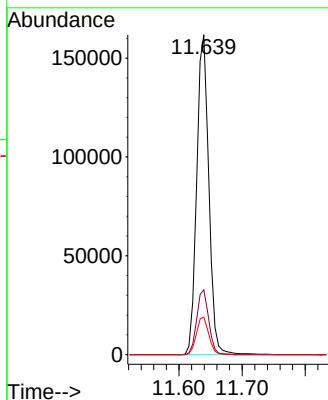
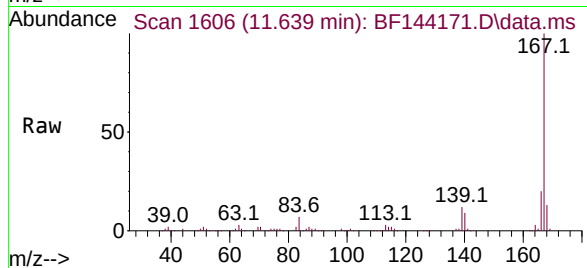




#73
Carbazole
Concen: 10.652 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

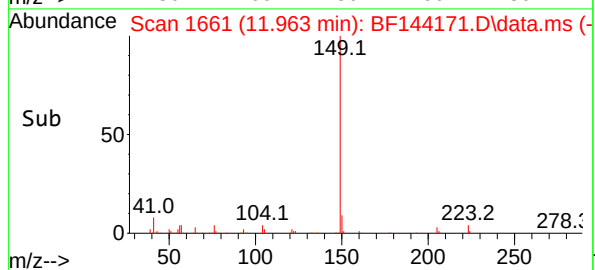
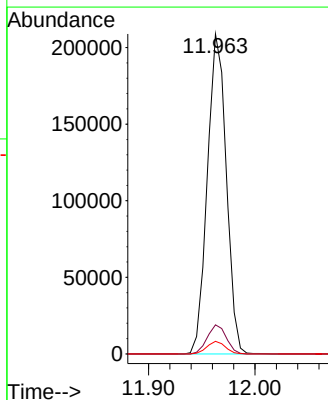
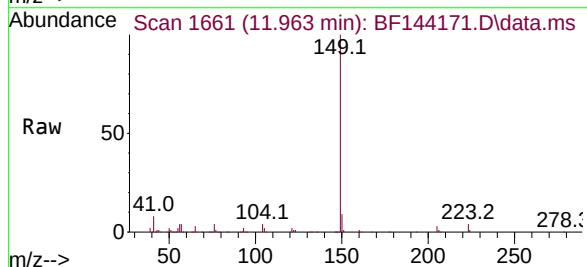
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

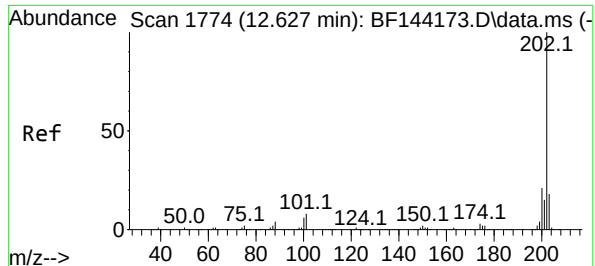
Tgt Ion:167 Resp: 215269
Ion Ratio Lower Upper
167 100
166 20.3 17.2 25.8
139 11.7 9.9 14.9



#74
Di-n-butylphthalate
Concen: 10.580 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

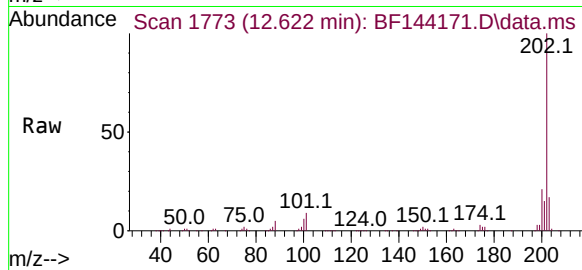
Tgt Ion:149 Resp: 258464
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 3.9 3.4 5.2



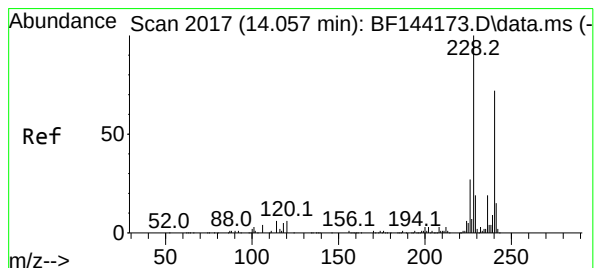
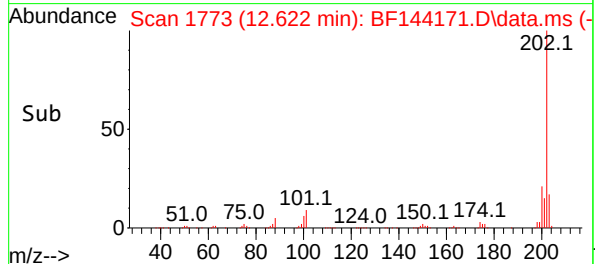
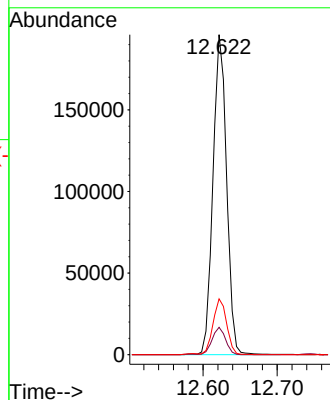


#75
Fluoranthene
Concen: 10.359 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

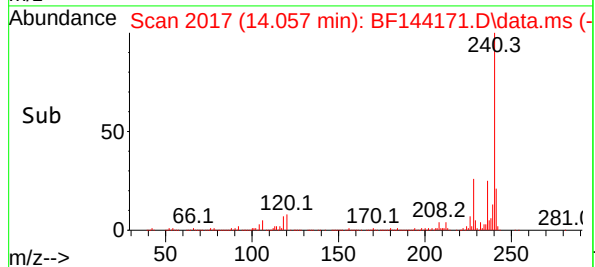
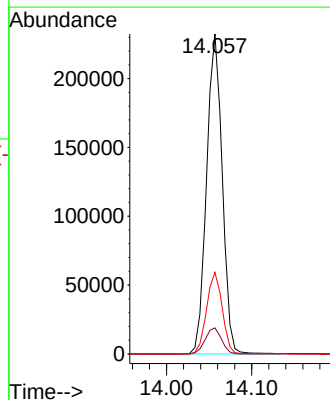
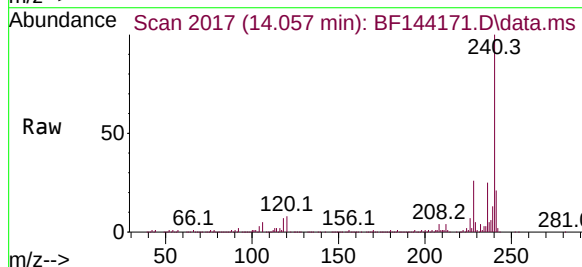


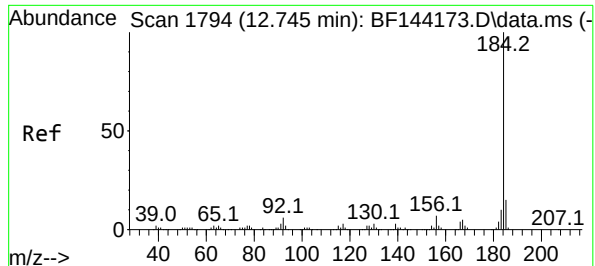
Tgt Ion:202 Resp: 250112
Ion Ratio Lower Upper
202 100
101 8.5 0.0 27.9
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:240 Resp: 296506
Ion Ratio Lower Upper
240 100
120 8.1 6.6 10.0
236 25.5 21.4 32.2





#77

Benzidine

Concen: 11.958 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

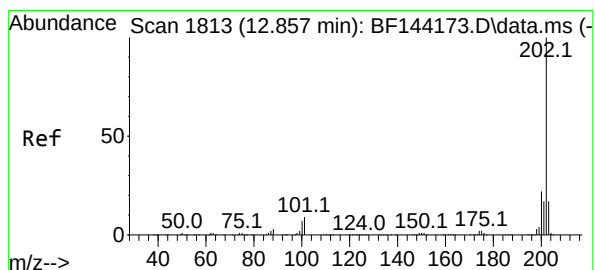
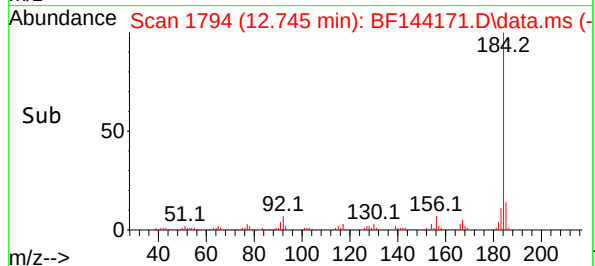
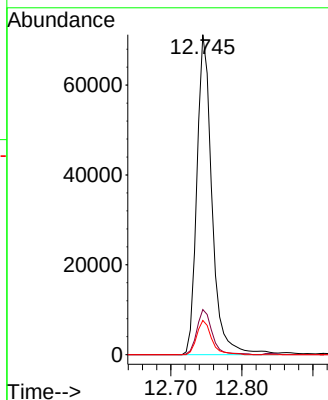
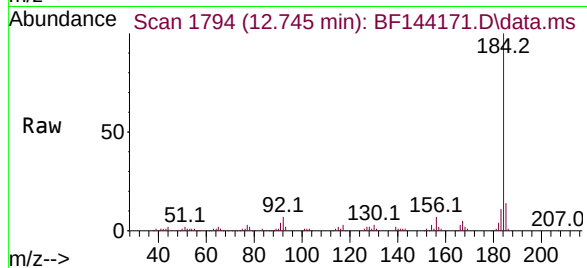
Tgt Ion:184 Resp: 104876

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

183 10.7 8.3 12.5



#78

Pyrene

Concen: 10.823 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

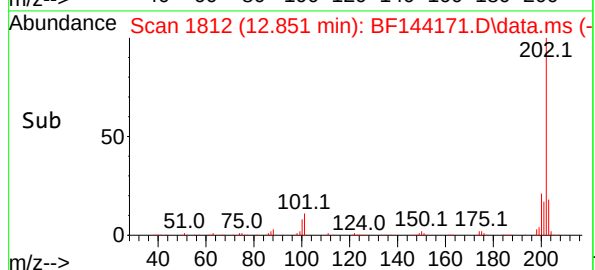
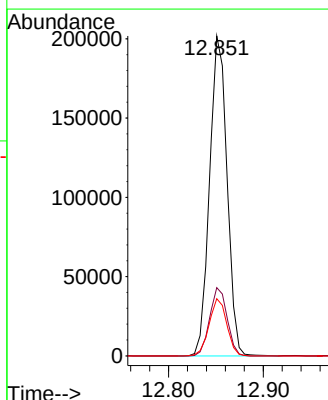
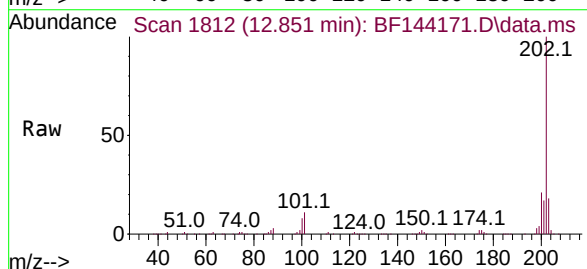
Tgt Ion:202 Resp: 258743

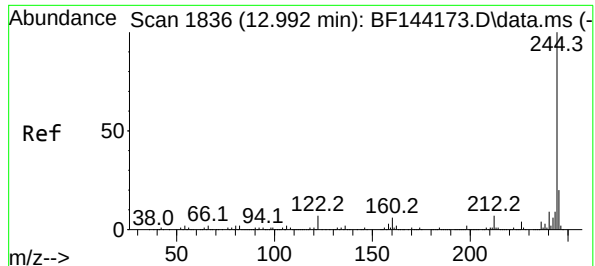
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

203 17.9 13.7 20.5





#79

Terphenyl-d14

Concen: 22.476 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144171.D

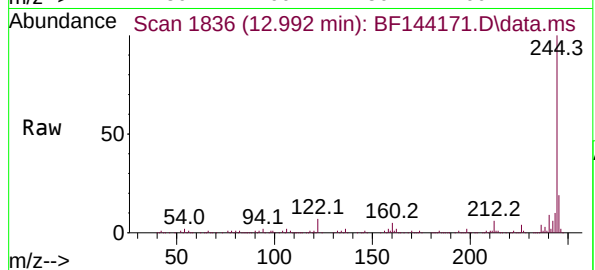
Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



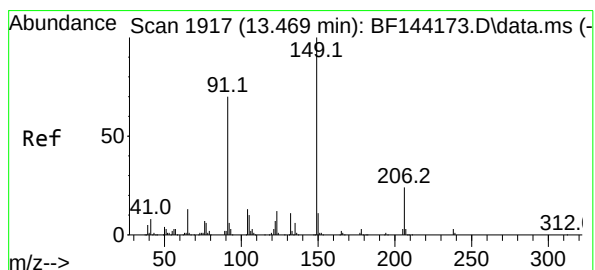
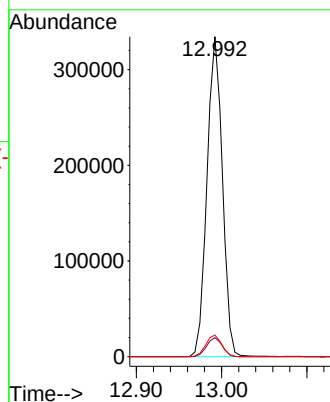
Tgt Ion:244 Resp: 419548

Ion Ratio Lower Upper

244 100

212 5.9 5.3 7.9

122 6.8 5.6 8.4



#80

Butylbenzylphthalate

Concen: 10.556 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

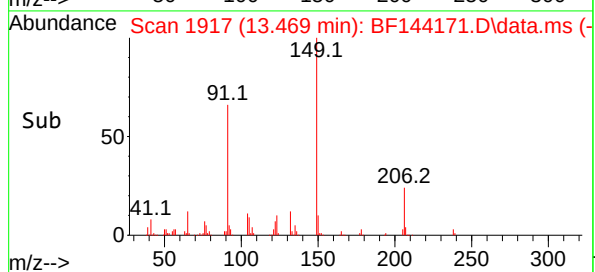
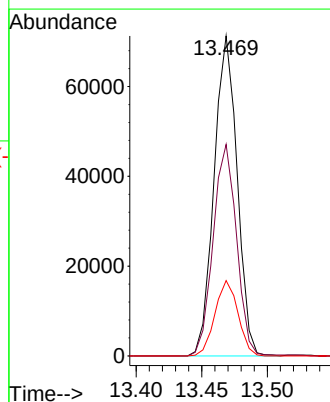
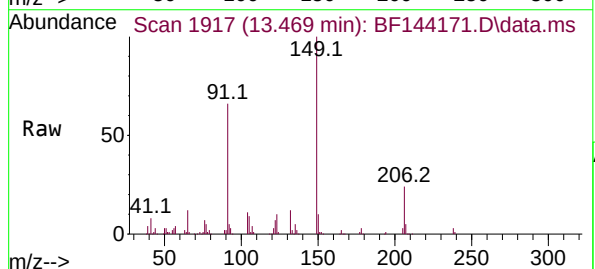
Tgt Ion:149 Resp: 87462

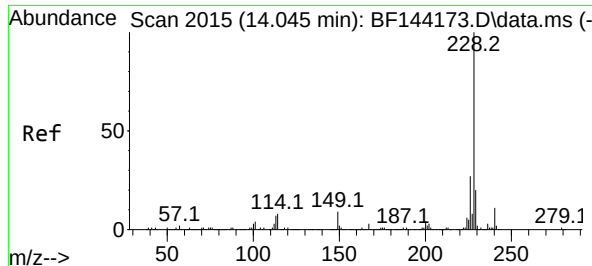
Ion Ratio Lower Upper

149 100

91 66.1 56.1 84.1

206 23.6 18.8 28.2

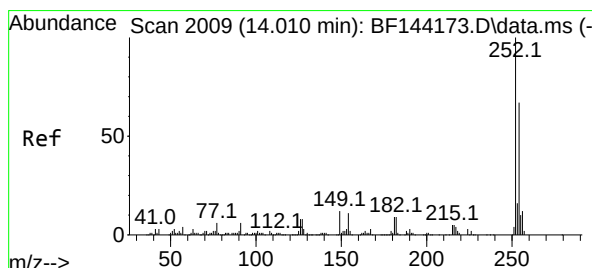
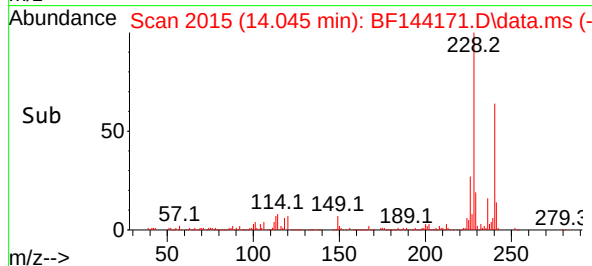
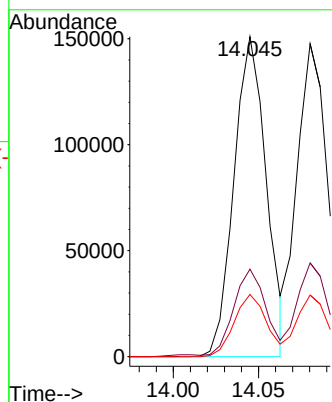
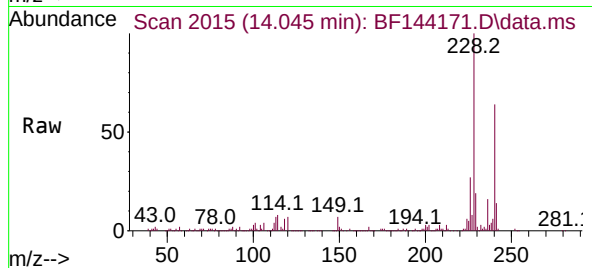




#81
Benzo(a)anthracene
Concen: 9.664 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

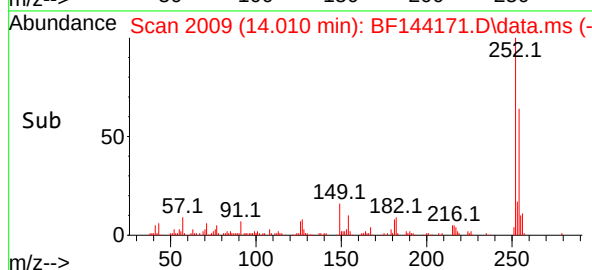
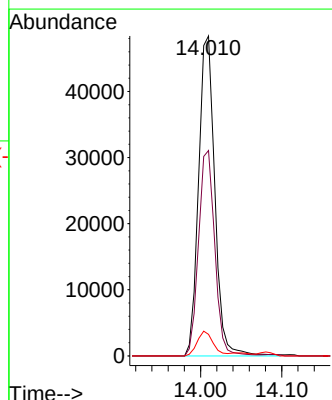
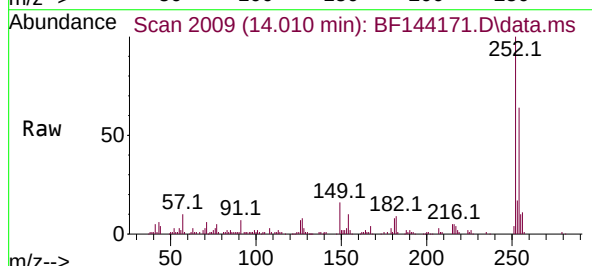
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

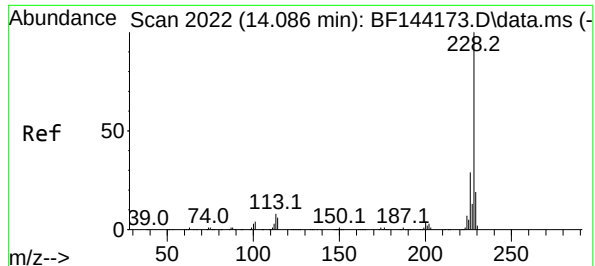
Tgt Ion:228 Resp: 198590
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 9.535 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:252 Resp: 67166
Ion Ratio Lower Upper
252 100
254 64.2 53.5 80.3
126 6.7 6.4 9.6





#83

Chrysene

Concen: 9.731 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

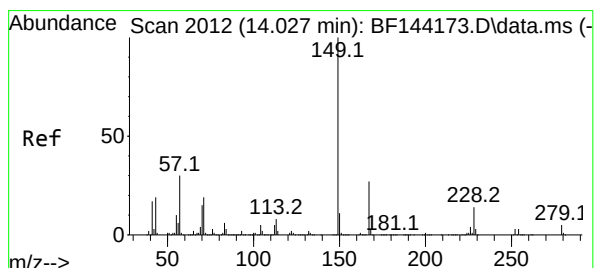
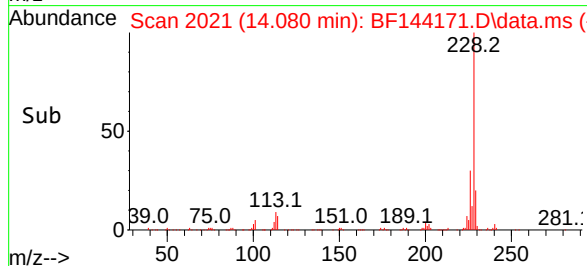
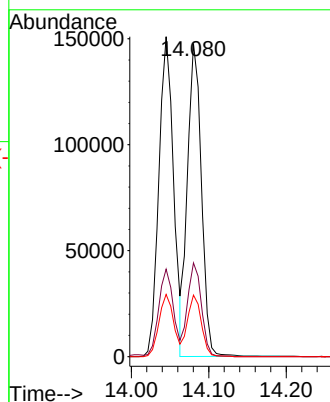
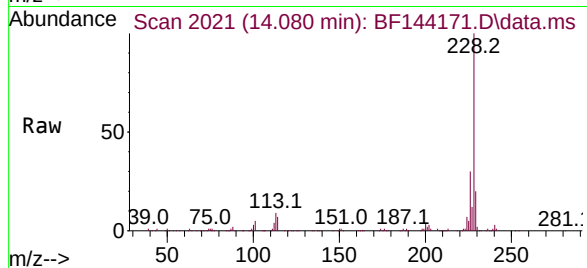
Tgt Ion:228 Resp: 184604

Ion Ratio Lower Upper

228 100

226 30.0 22.9 34.3

229 19.7 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.662 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

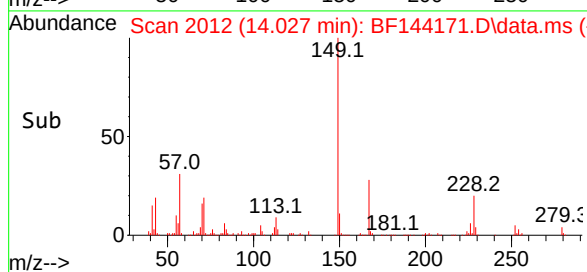
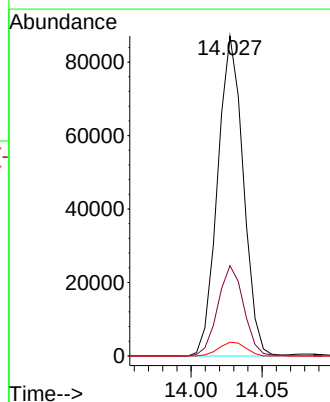
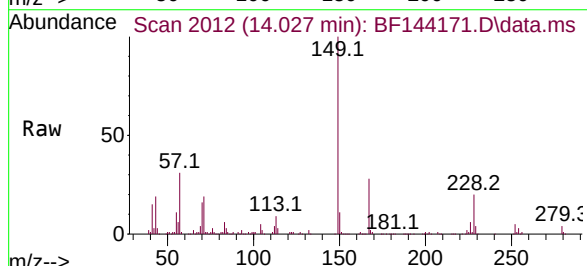
Tgt Ion:149 Resp: 109593

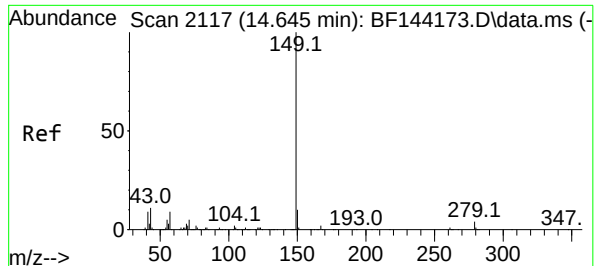
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

279 4.3 3.7 5.5

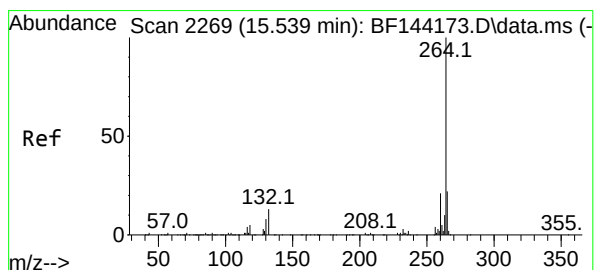
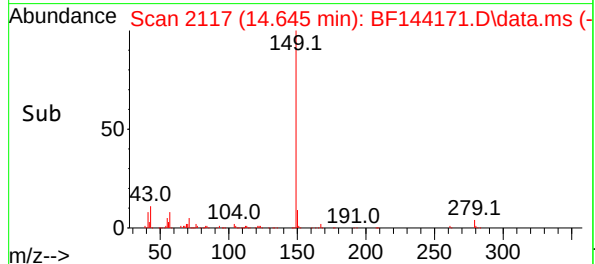
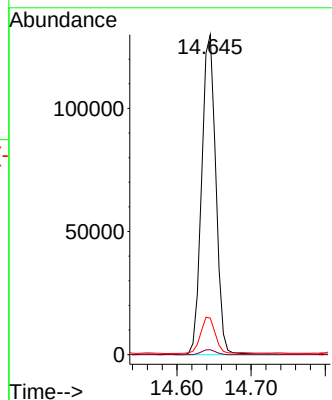
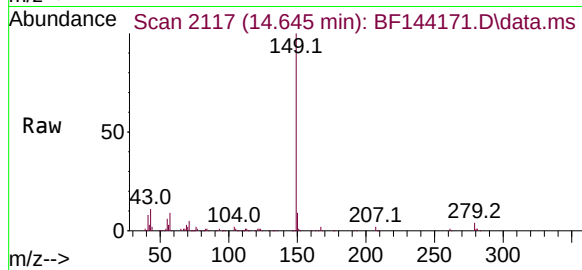




#85
Di-n-octyl phthalate
Concen: 8.811 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

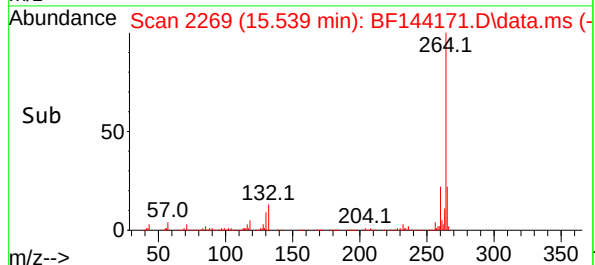
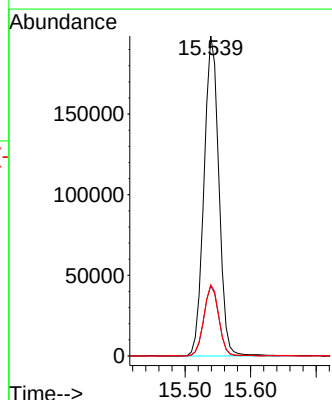
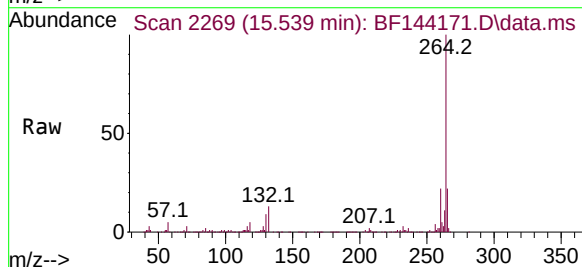
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

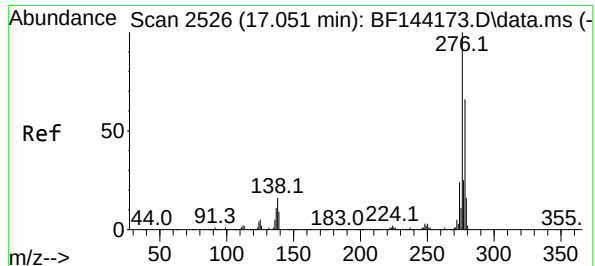
Tgt Ion:149 Resp: 172428
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.7 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:264 Resp: 311371
Ion Ratio Lower Upper
264 100
260 21.9 17.1 25.7
265 22.2 17.4 26.0

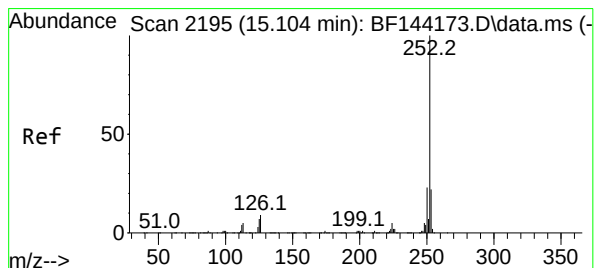
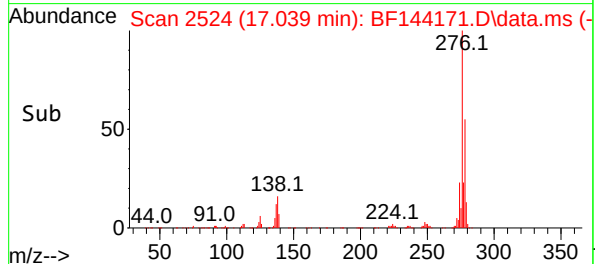
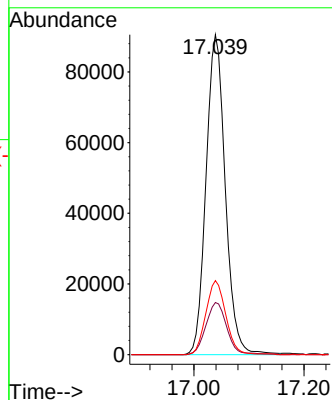
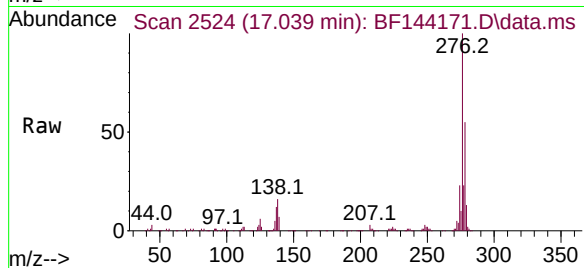




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.831 ng
RT: 17.039 min Scan# 219736
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

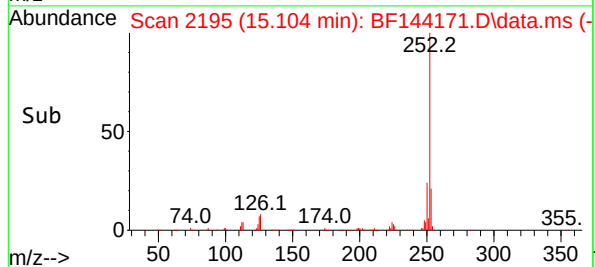
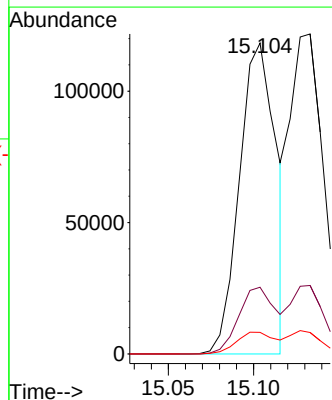
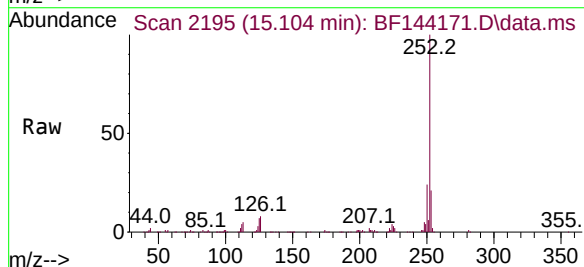
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

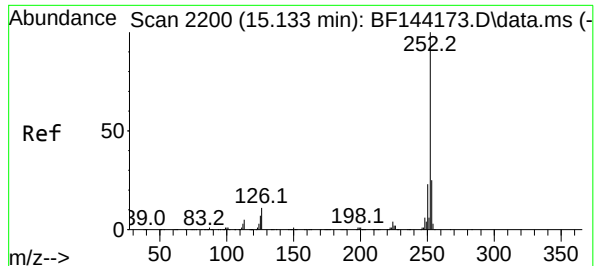
Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	13.9	20.9
277	23.8	19.8	29.6



#88
Benzo(b)fluoranthene
Concen: 9.963 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	6.9	5.3	7.9





#89

Benzo(k)fluoranthene

Concen: 10.283 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

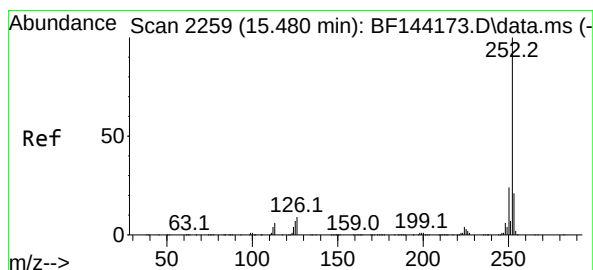
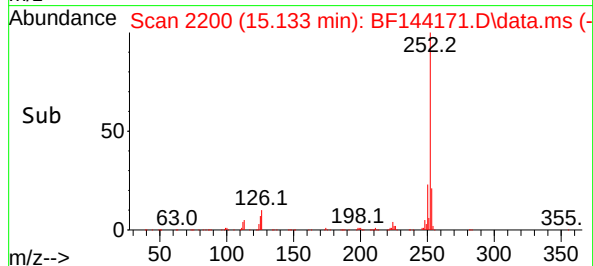
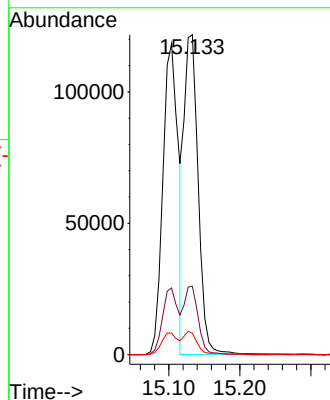
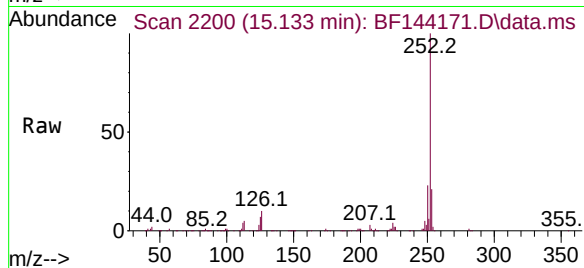
Tgt Ion:252 Resp: 170386

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

125 6.7 5.4 8.2



#90

Benzo(a)pyrene

Concen: 10.013 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

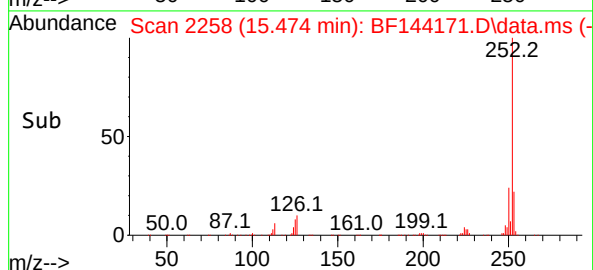
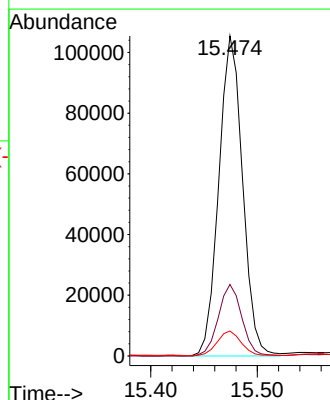
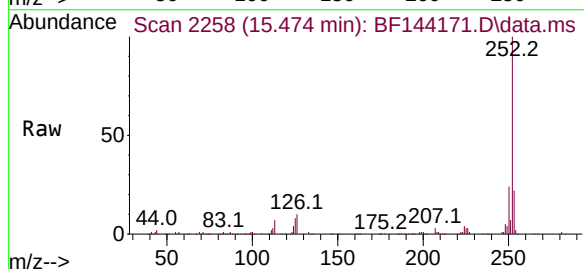
Tgt Ion:252 Resp: 163529

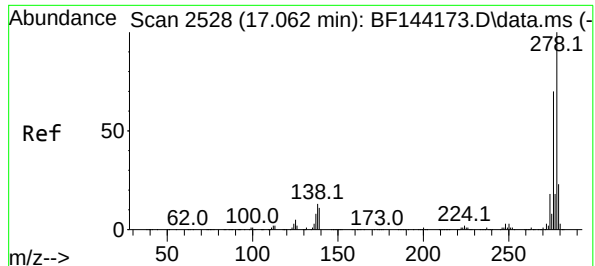
Ion Ratio Lower Upper

252 100

253 22.3 16.7 25.1

125 7.8 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 10.016 ng

RT: 17.051 min Scan# 2526

Delta R.T. -0.029 min

Lab File: BF144171.D

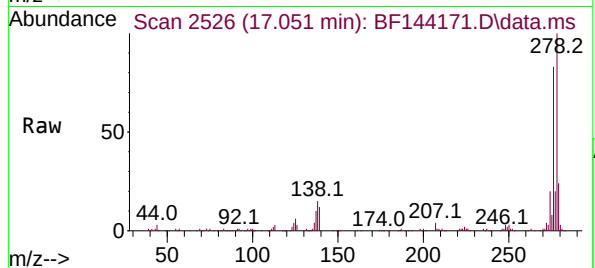
Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010



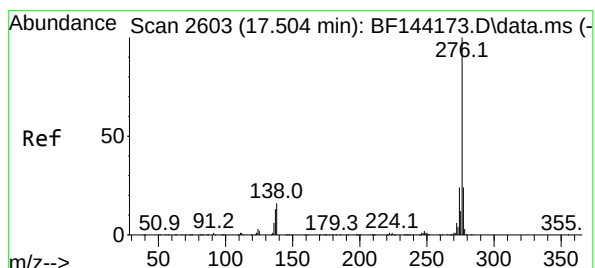
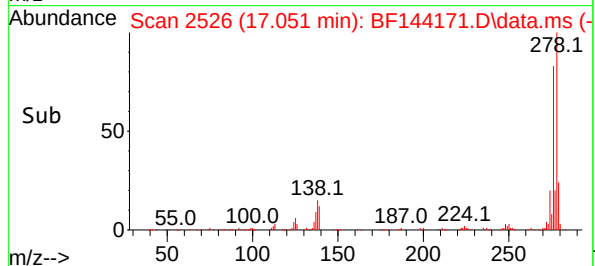
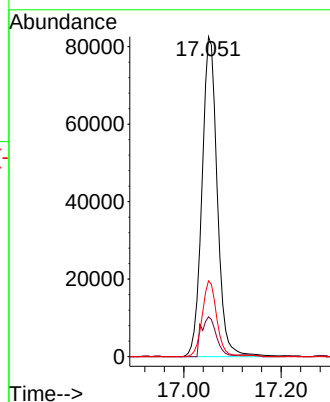
Tgt Ion:278 Resp: 179793

Ion Ratio Lower Upper

278 100

139 12.5 9.1 13.7

279 23.7 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 9.877 ng

RT: 17.492 min Scan# 2601

Delta R.T. -0.029 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

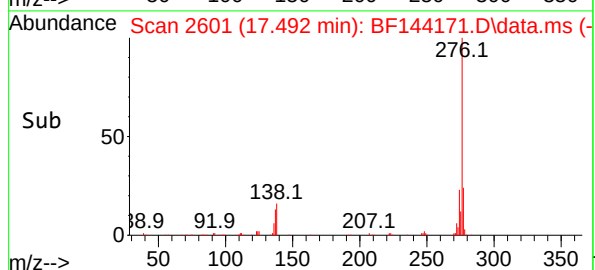
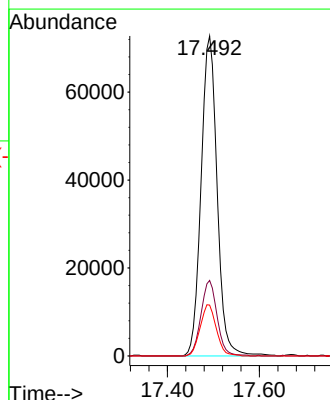
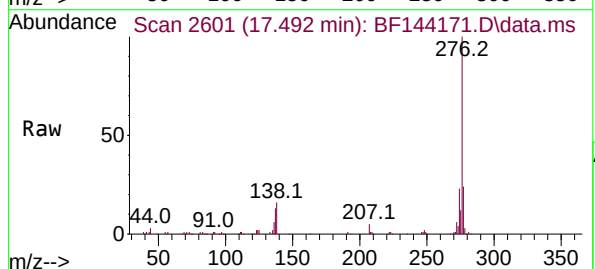
Tgt Ion:276 Resp: 175090

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 15.9 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144172.D
 Acq On : 05 Nov 2025 14:20
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Nov 05 17:23:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	97055	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	380834	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	220087	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	388430	20.000	ng	0.00
76) Chrysene-d12	14.057	240	250706	20.000	ng	0.00
86) Perylene-d12	15.539	264	297677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	255468	41.191	ng	0.00
7) Phenol-d6	6.498	99	293338	41.742	ng	-0.01
23) Nitrobenzene-d5	7.434	82	265652	40.287	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	112928	40.889	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	599169	40.208	ng	0.00
79) Terphenyl-d14	12.992	244	638611	40.461	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.611	88	50319	19.624	ng	99
3) Pyridine	3.387	79	144716	20.230	ng	97
4) n-Nitrosodimethylamine	3.322	42	70474	18.860	ng	99
6) Aniline	6.534	93	205178	20.492	ng	100
8) 2-Chlorophenol	6.657	128	125443	20.624	ng	99
9) Benzaldehyde	6.428	77	88978	22.422	ng	99
10) Phenol	6.516	94	178562	20.797	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	130219	20.814	ng	98
12) 1,3-Dichlorobenzene	6.816	146	153679	20.476	ng	97
13) 1,4-Dichlorobenzene	6.893	146	153656	20.435	ng	99
14) 1,2-Dichlorobenzene	7.046	146	144447	20.042	ng	99
15) Benzyl Alcohol	7.016	79	115331	20.726	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	242281	21.029	ng	95
17) 2-Methylphenol	7.122	107	97725	20.196	ng	96
18) Hexachloroethane	7.387	117	51648	20.675	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	96676	20.897	ng	99
20) 3+4-Methylphenols	7.275	107	118666	20.804	ng	94
22) Acetophenone	7.281	105	165374	20.242	ng	97
24) Nitrobenzene	7.457	77	143192	20.000	ng	97
25) Isophorone	7.693	82	254863	20.434	ng	97
26) 2-Nitrophenol	7.775	139	72909	20.572	ng	97
27) 2,4-Dimethylphenol	7.804	122	100827	18.981	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	157029	20.161	ng	96
29) 2,4-Dichlorophenol	8.016	162	125803	20.548	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	126402	20.106	ng	96
31) Naphthalene	8.181	128	373973	20.643	ng	99
32) Benzoic acid	7.916	122	83801	21.522	ng	97
33) 4-Chloroaniline	8.228	127	135273	20.474	ng	99
34) Hexachlorobutadiene	8.292	225	95971	20.255	ng	99
35) Caprolactam	8.587	113	35272	21.028	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	115603	21.069	ng	99
37) 2-Methylnaphthalene	8.869	142	253201	20.905	ng	99
38) 1-Methylnaphthalene	8.969	142	240612	20.588	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	144980	20.100	ng	99
41) Hexachlorocyclopentadiene	9.022	237	31247	18.527	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	98855	20.136	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144172.D
 Acq On : 05 Nov 2025 14:20
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Nov 05 17:23:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

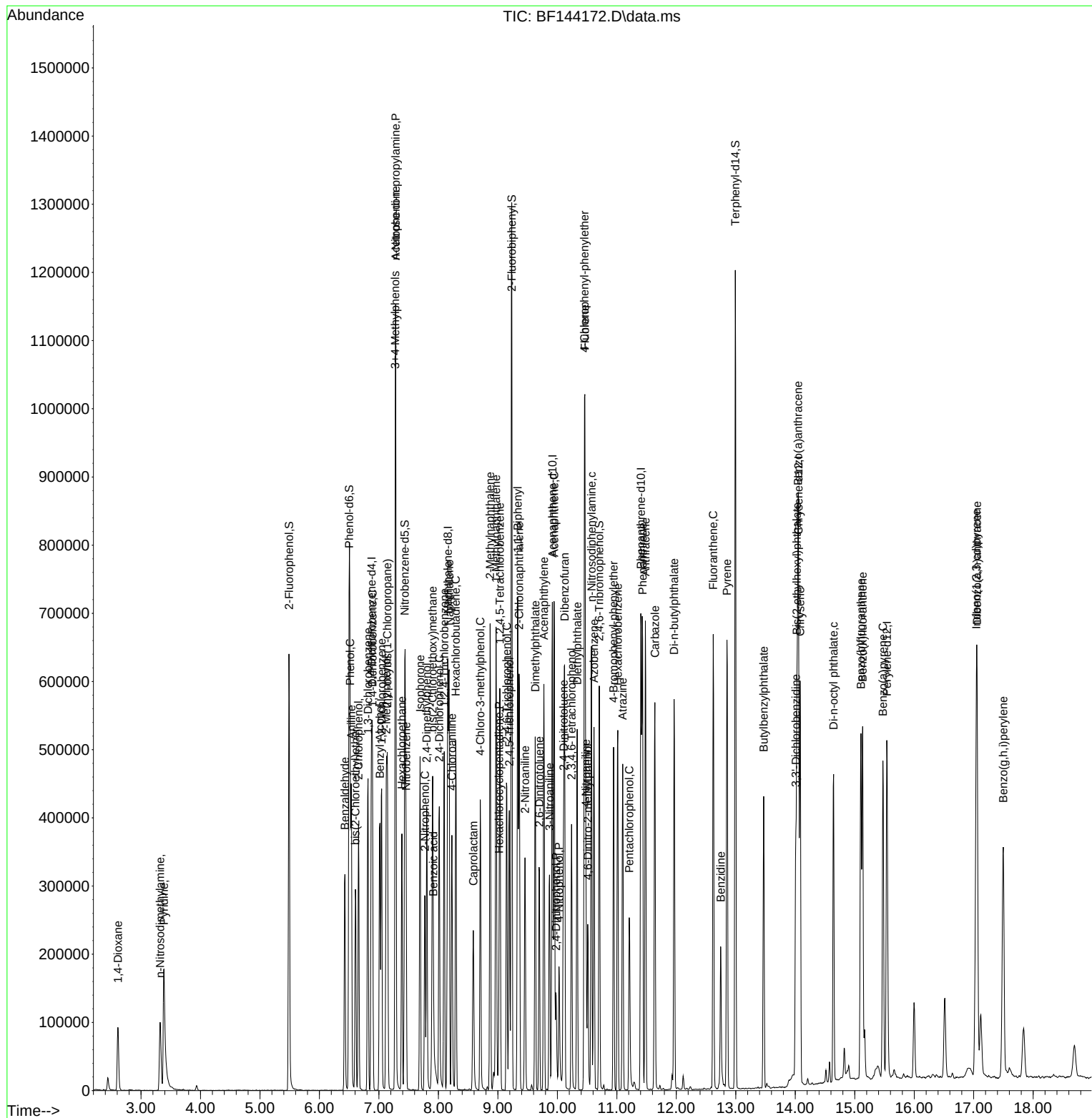
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	109277	20.653	ng	98
46) 1,1'-Biphenyl	9.334	154	313667	20.417	ng	99
47) 2-Chloronaphthalene	9.357	162	265522	20.262	ng	99
48) 2-Nitroaniline	9.457	65	76785	20.308	ng	97
49) Acenaphthylene	9.775	152	369018	20.664	ng	98
50) Dimethylphthalate	9.628	163	299125	20.516	ng	99
51) 2,6-Dinitrotoluene	9.698	165	59656	20.212	ng	96
52) Acenaphthene	9.945	154	246497	20.641	ng	99
53) 3-Nitroaniline	9.869	138	66539	20.623	ng	98
54) 2,4-Dinitrophenol	9.981	184	36453	20.453	ng	96
55) Dibenzofuran	10.122	168	348955	20.864	ng	98
56) 4-Nitrophenol	10.028	139	44352	19.003	ng	99
57) 2,4-Dinitrotoluene	10.104	165	81812	20.706	ng	98
58) Fluorene	10.463	166	263546	20.725	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	73978	19.762	ng	97
60) Diethylphthalate	10.334	149	276008	20.535	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	149181	20.595	ng	99
62) 4-Nitroaniline	10.481	138	64484	20.987	ng	97
63) Azobenzene	10.616	77	252025	20.147	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	53585	20.307	ng	99
66) n-Nitrosodiphenylamine	10.575	169	246642	19.743	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	98958	19.959	ng	98
68) Hexachlorobenzene	11.016	284	118426	20.279	ng	94
69) Atrazine	11.098	200	83639	21.052	ng	98
70) Pentachlorophenol	11.210	266	55766	19.177	ng	99
71) Phenanthrene	11.433	178	382805	19.794	ng	99
72) Anthracene	11.481	178	399043	20.292	ng	98
73) Carbazole	11.639	167	342636	20.490	ng	99
74) Di-n-butylphthalate	11.963	149	418262	20.691	ng	100
75) Fluoranthene	12.622	202	408870	20.466	ng	99
77) Benzidine	12.745	184	130033	17.535	ng	100
78) Pyrene	12.851	202	408920	20.229	ng	99
80) Butylbenzylphthalate	13.469	149	137856	19.677	ng	99
81) Benzo(a)anthracene	14.045	228	333458	19.191	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	115478	19.389	ng	96
83) Chrysene	14.080	228	320726	19.995	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	189305	19.738	ng	100
85) Di-n-octyl phthalate	14.645	149	318841	19.268	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	430691	20.155	ng	99
88) Benzo(b)fluoranthene	15.104	252	331673	19.598	ng	100
89) Benzo(k)fluoranthene	15.133	252	322479	20.358	ng	98
90) Benzo(a)pyrene	15.474	252	314894	20.169	ng	97
91) Dibenzo(a,h)anthracene	17.057	278	349788	20.383	ng	99
92) Benzo(g,h,i)perylene	17.498	276	343144	20.248	ng	99

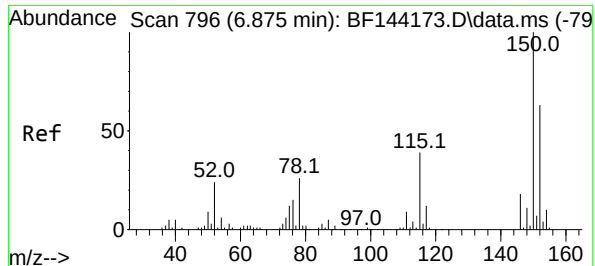
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\  
Data File : BF144172.D  
Acq On    : 05 Nov 2025  14:20  
Operator  : RC/JU  
Sample    : SSTDICC020  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Nov 05 17:23:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

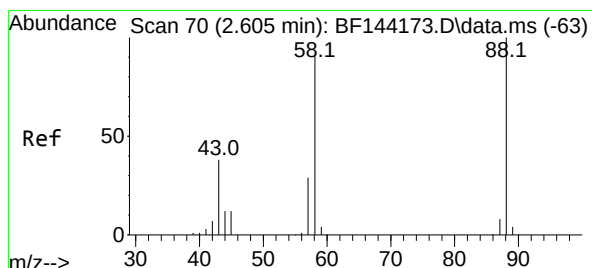
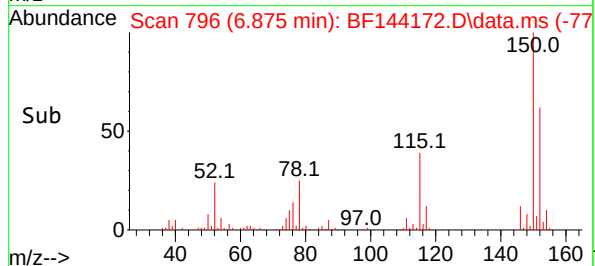
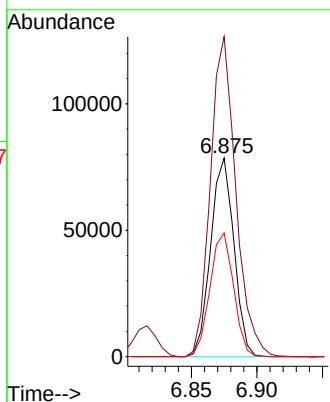
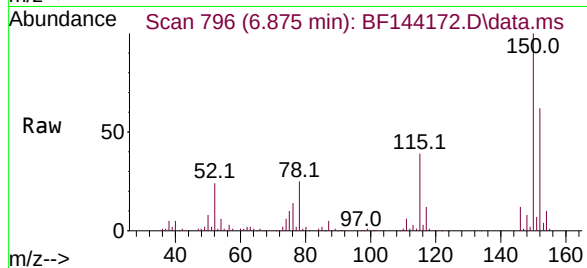




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

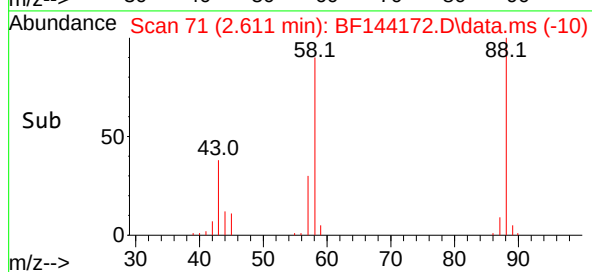
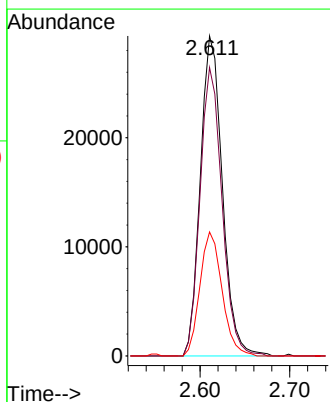
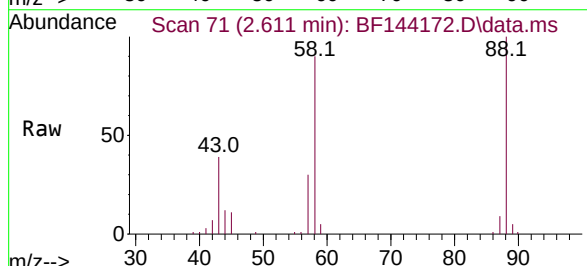
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

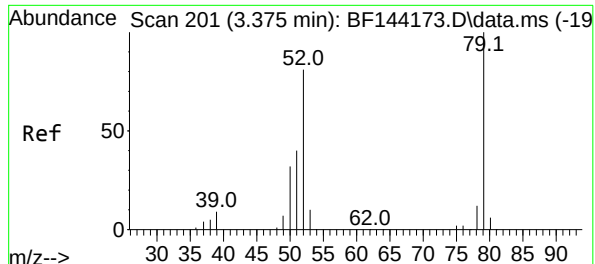
Tgt Ion:152 Resp: 97055
Ion Ratio Lower Upper
152 100
150 161.2 127.4 191.0
115 62.2 49.5 74.3



#2
1,4-Dioxane
Concen: 19.624 ng
RT: 2.611 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 88 Resp: 50319
Ion Ratio Lower Upper
88 100
58 89.7 73.1 109.7
43 38.8 31.0 46.6

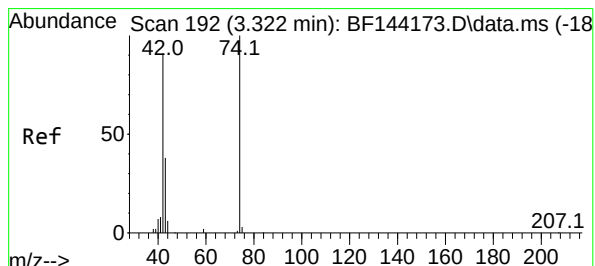
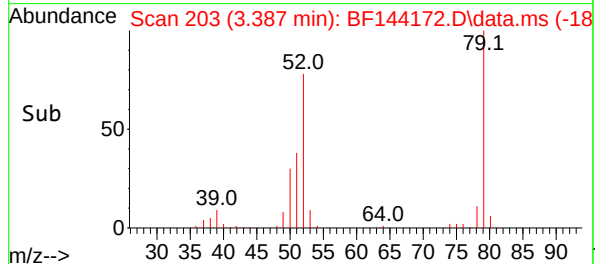
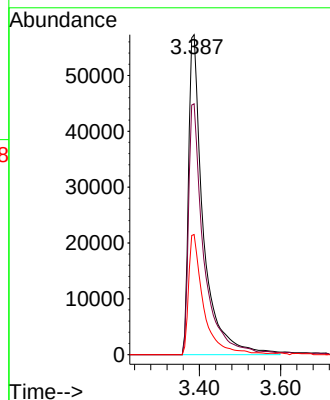
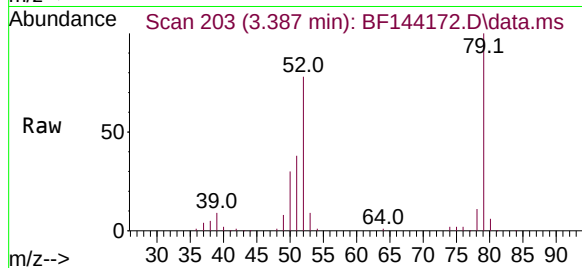




#3
Pyridine
Concen: 20.230 ng
RT: 3.387 min Scan# 201
Delta R.T. 0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

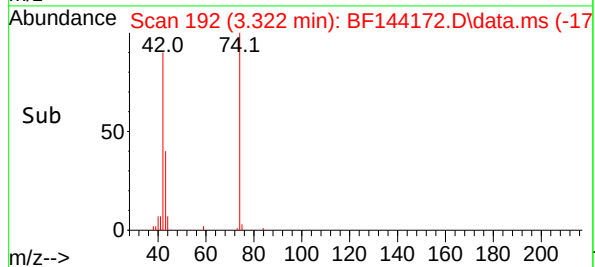
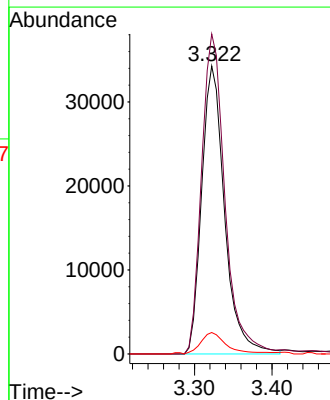
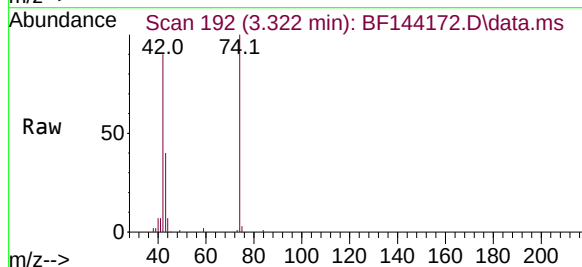
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

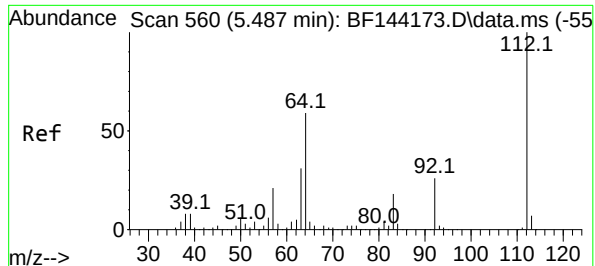
Tgt Ion	Ratio	Lower	Upper
79	100		
52	78.4	64.5	96.7
51	37.5	31.7	47.5



#4
n-Nitrosodimethylamine
Concen: 18.860 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.1	88.2	132.4
44	7.4	5.7	8.5



#5
2-Fluorophenol

Concen: 41.191 ng

RT: 5.487 min Scan# 50

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

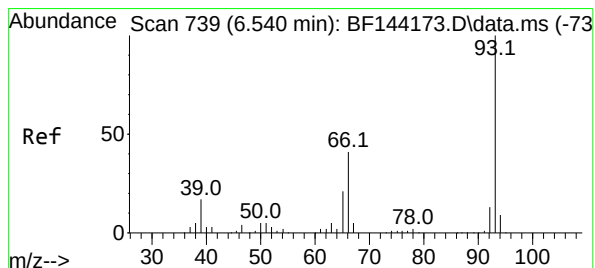
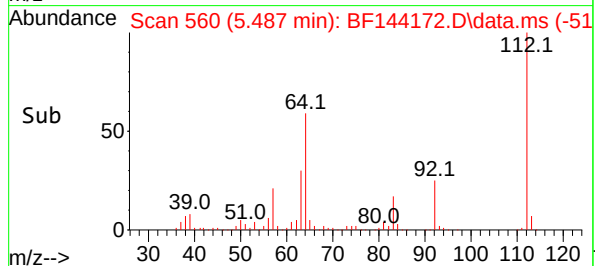
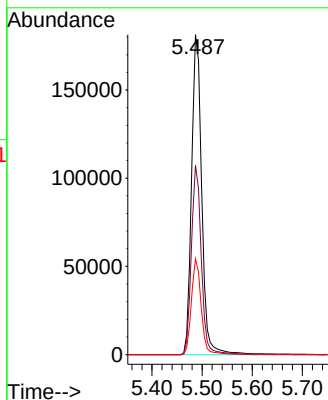
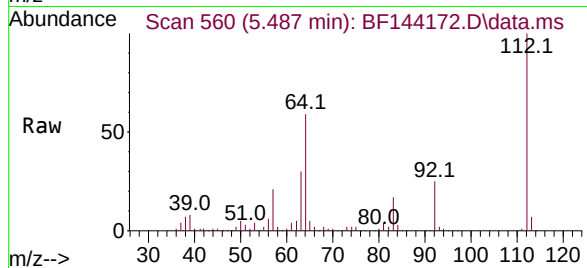
Tgt Ion:112 Resp: 255468

Ion Ratio Lower Upper

112 100

64 59.2 47.2 70.8

63 29.9 24.4 36.6



#6

Aniline

Concen: 20.492 ng

RT: 6.534 min Scan# 738

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

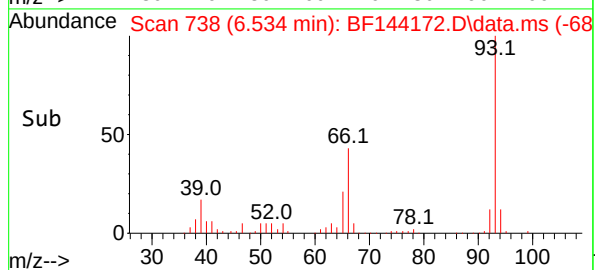
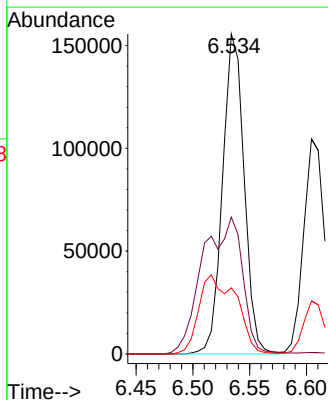
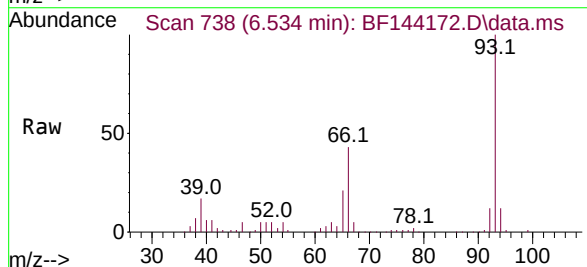
Tgt Ion: 93 Resp: 205178

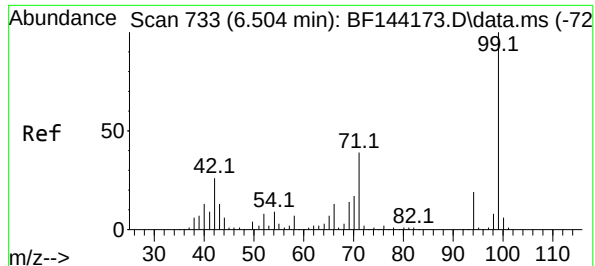
Ion Ratio Lower Upper

93 100

66 42.8 34.3 51.5

65 20.6 16.9 25.3

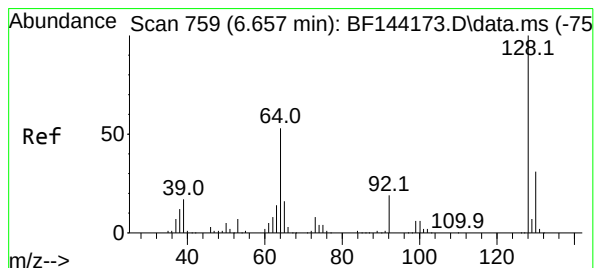
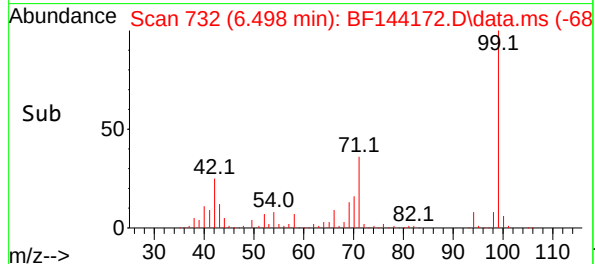
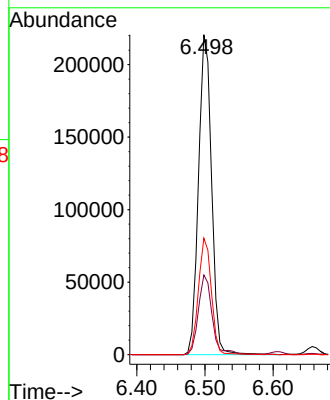
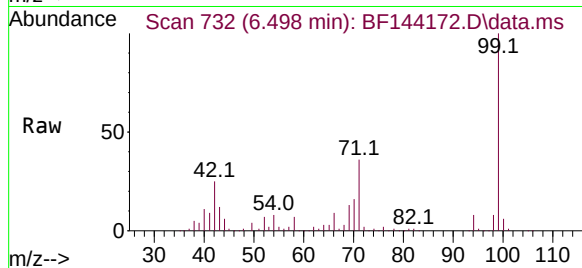




#7
Phenol-d6
Concen: 41.742 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

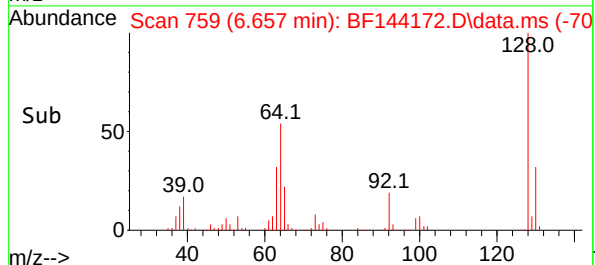
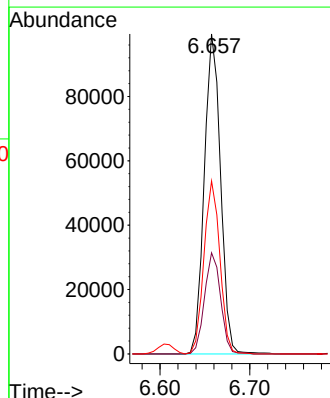
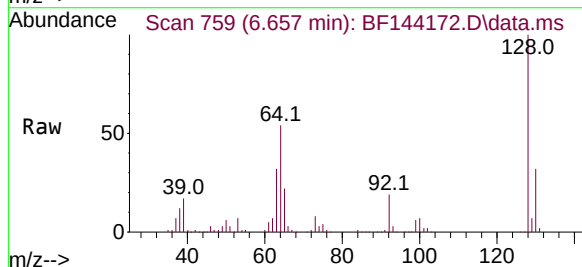
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

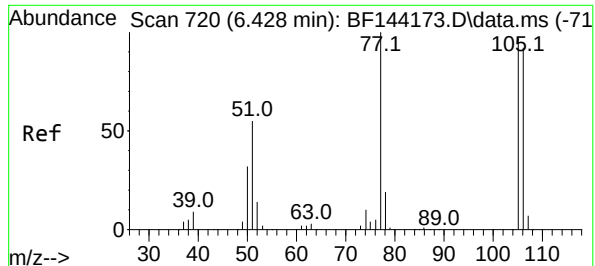
Tgt Ion: 99 Resp: 293338
Ion Ratio Lower Upper
99 100
42 24.9 20.9 31.3
71 36.4 31.4 47.2



#8
2-Chlorophenol
Concen: 20.624 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 128 Resp: 125443
Ion Ratio Lower Upper
128 100
130 31.6 10.5 50.5
64 54.0 33.2 73.2





#9

Benzaldehyde

Concen: 22.422 ng

RT: 6.428 min Scan# 720

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

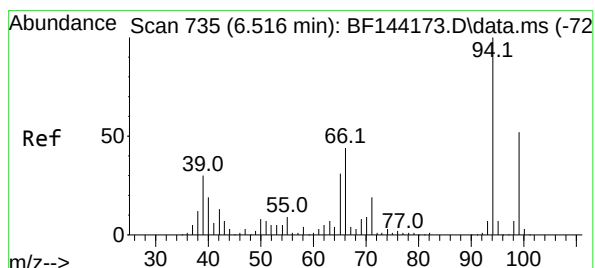
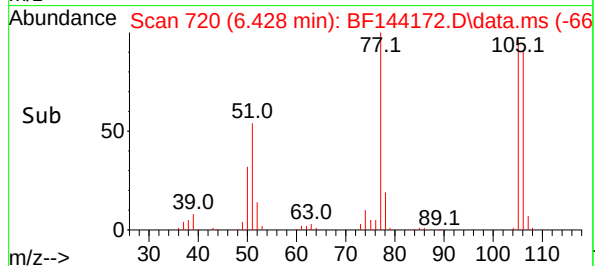
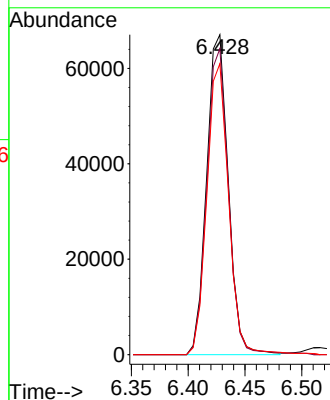
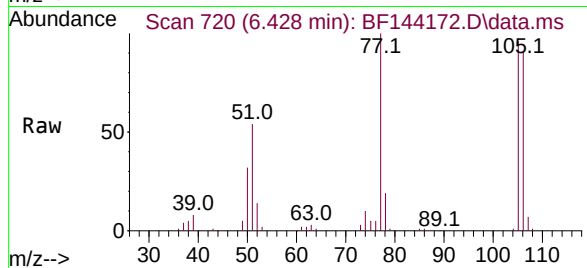
Tgt Ion: 77 Resp: 88978

Ion Ratio Lower Upper

77 100

105 95.6 77.2 117.2

106 90.9 72.2 112.2



#10

Phenol

Concen: 20.797 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

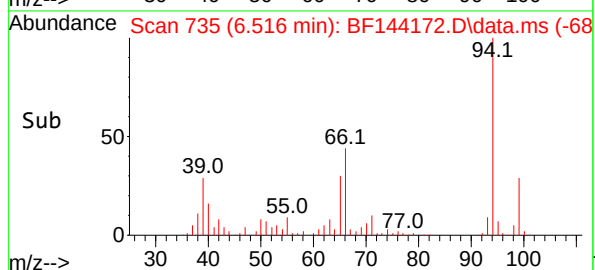
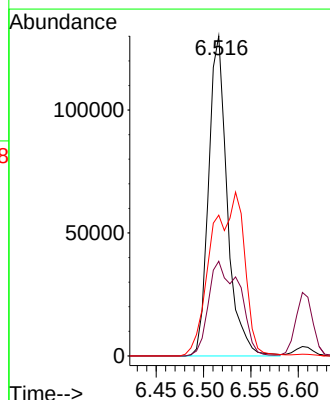
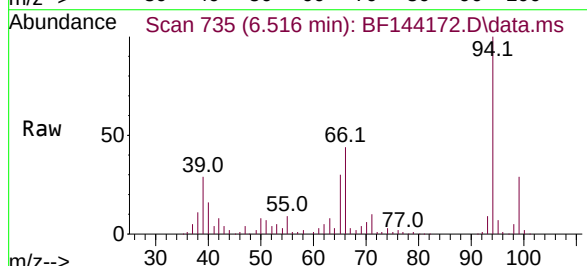
Tgt Ion: 94 Resp: 178562

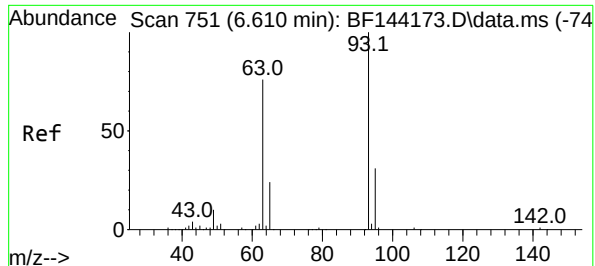
Ion Ratio Lower Upper

94 100

65 29.6 10.8 50.8

66 44.0 24.3 64.3

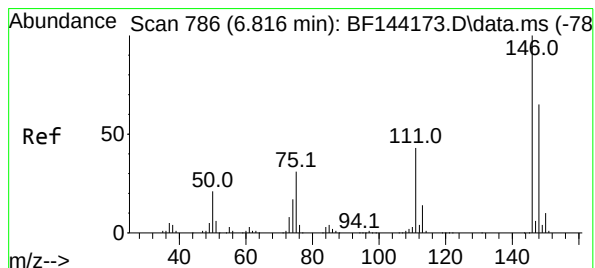
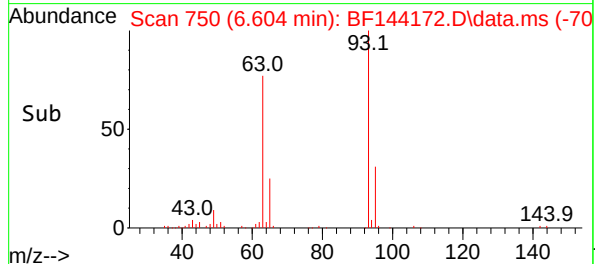
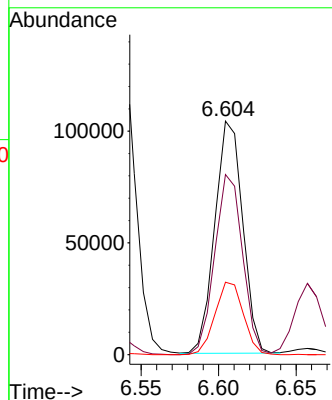
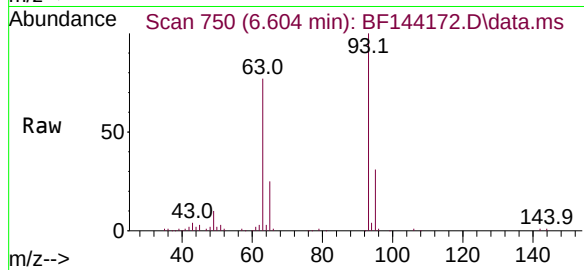




#11
bis(2-Chloroethyl)ether
Concen: 20.814 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

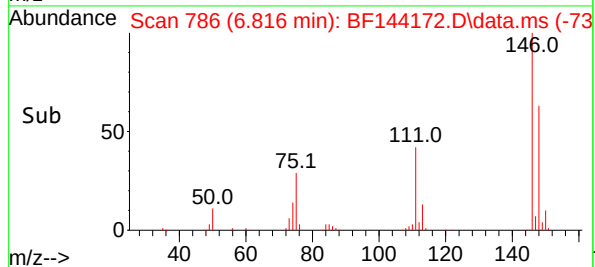
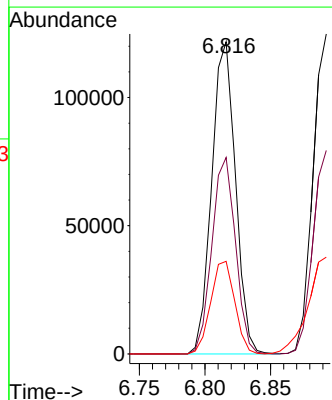
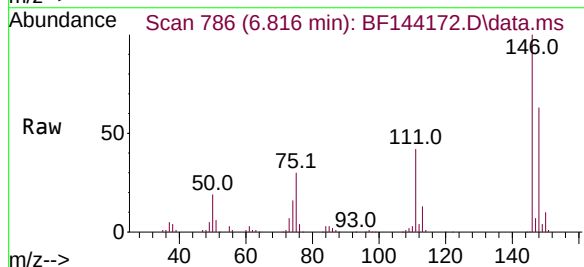
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

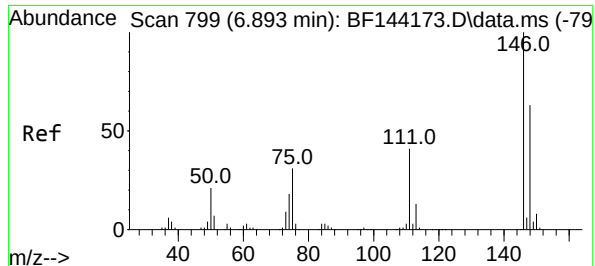
Tgt Ion: 93 Resp: 130219
Ion Ratio Lower Upper
93 100
63 77.1 55.2 95.2
95 31.0 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 20.476 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:146 Resp: 153679
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.8
75 29.7 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 20.435 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

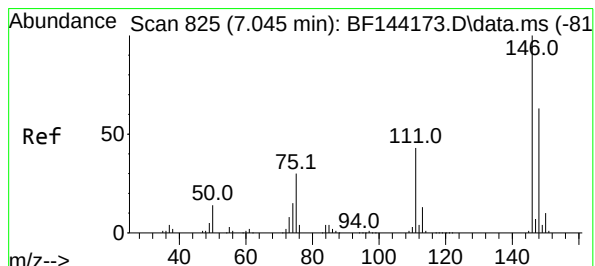
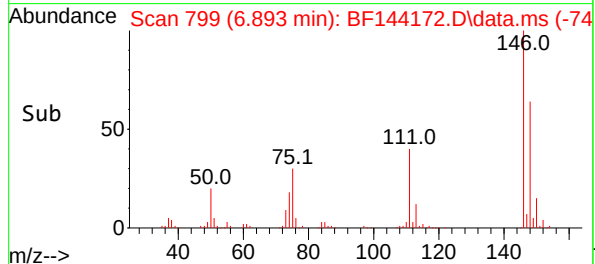
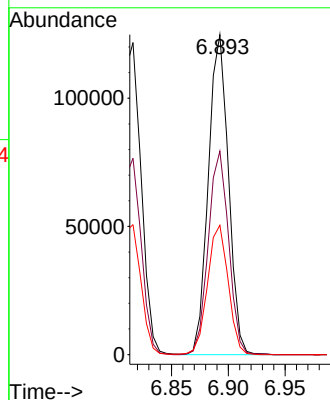
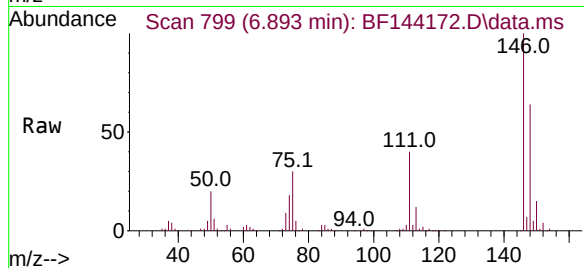
Tgt Ion:146 Resp: 153656

Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

111 40.4 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 20.042 ng

RT: 7.046 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

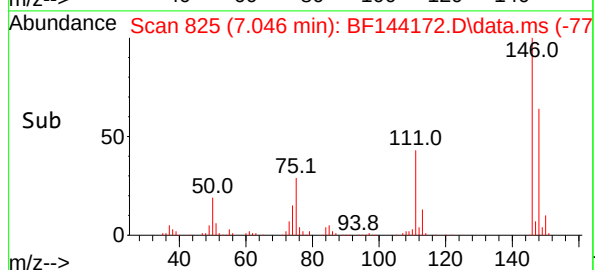
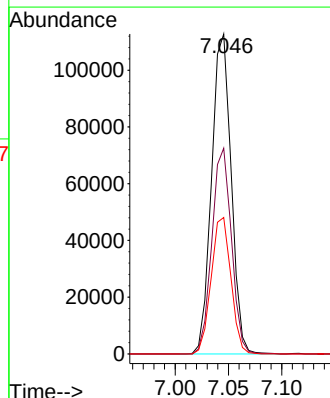
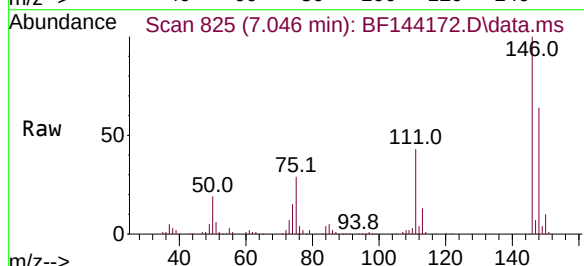
Tgt Ion:146 Resp: 144447

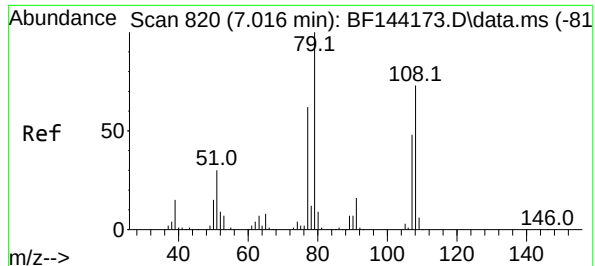
Ion Ratio Lower Upper

146 100

148 64.3 50.7 76.1

111 42.6 34.2 51.4

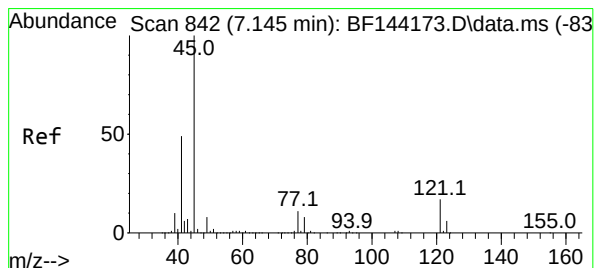
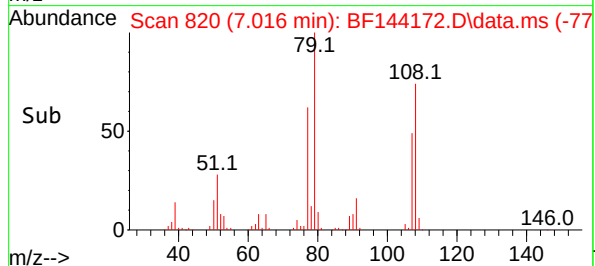
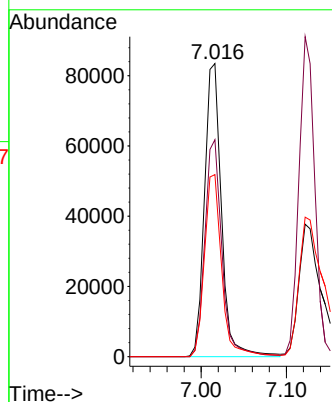
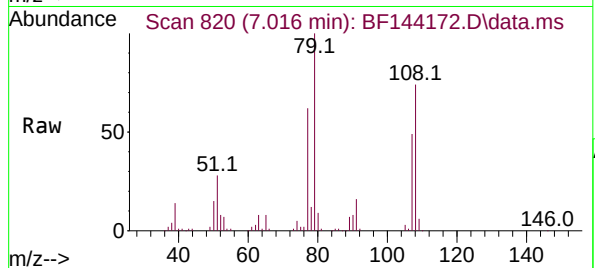




#15
Benzyl Alcohol
Concen: 20.726 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

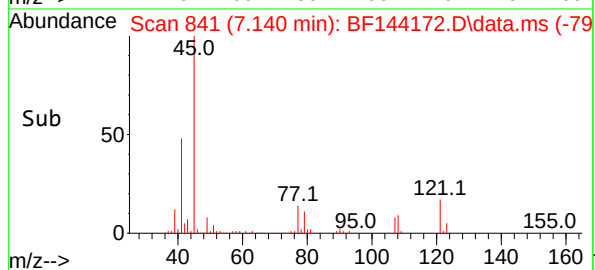
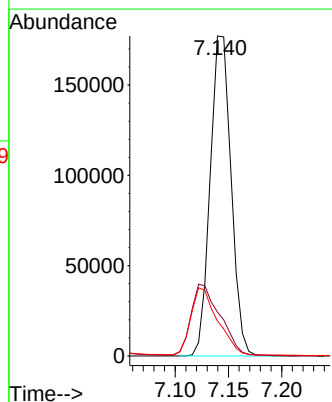
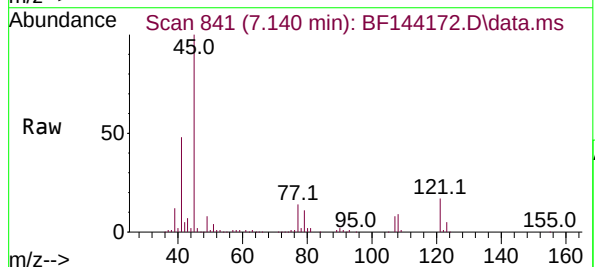
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

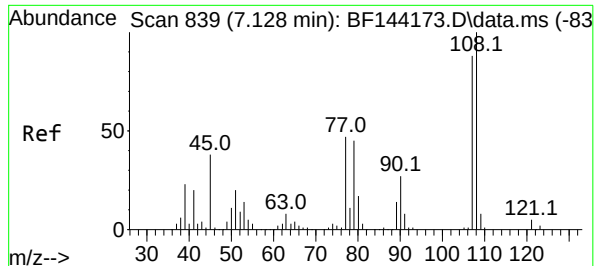
Tgt Ion: 79 Resp: 115331
Ion Ratio Lower Upper
79 100
108 74.0 58.2 87.4
77 62.1 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 21.029 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 45 Resp: 242281
Ion Ratio Lower Upper
45 100
77 13.7 0.0 31.8
79 10.9 0.0 29.1

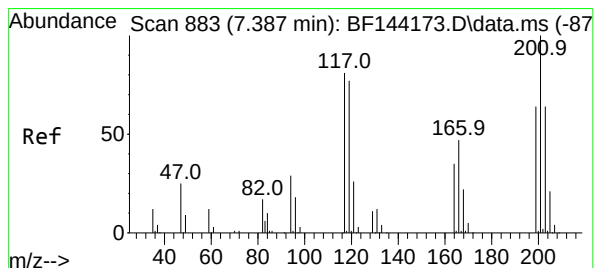
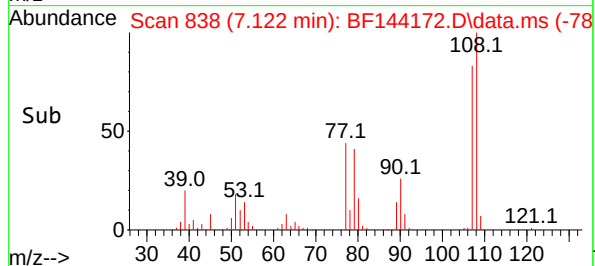
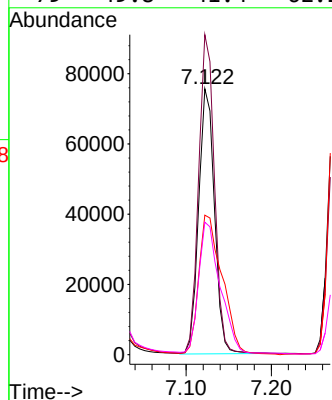
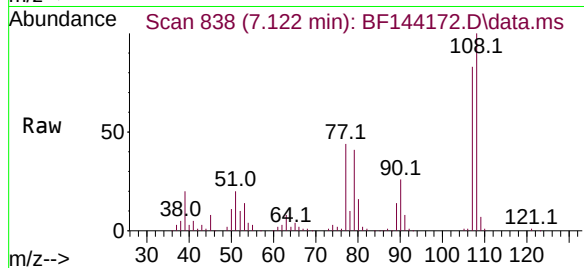




#17
2-Methylphenol
Concen: 20.196 ng
RT: 7.122 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

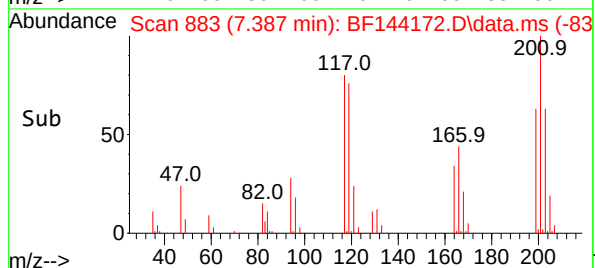
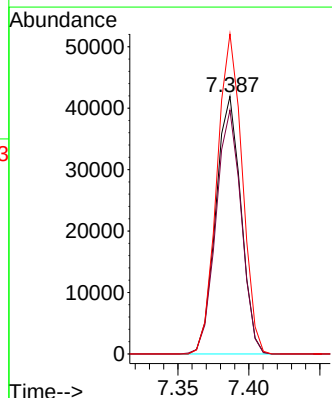
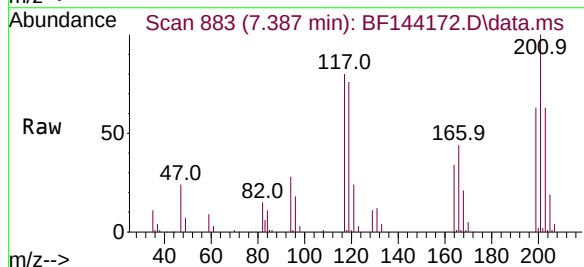
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

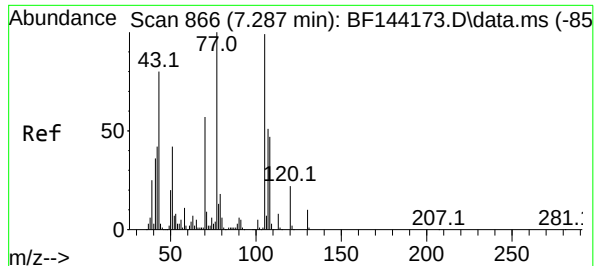
Tgt Ion:	107	Resp:	97725
Ion	Ratio	Lower	Upper
107	100		
108	120.4	91.0	136.4
77	52.4	42.7	64.1
79	49.8	41.4	62.2



#18
Hexachloroethane
Concen: 20.675 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:	117	Resp:	51648
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
201	124.3	98.9	148.3

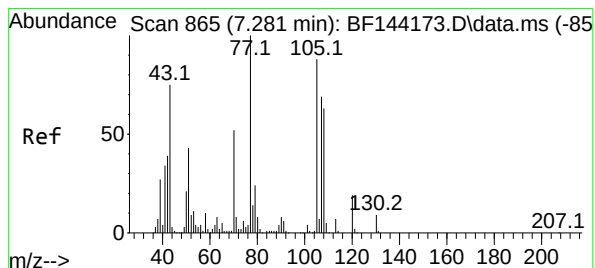
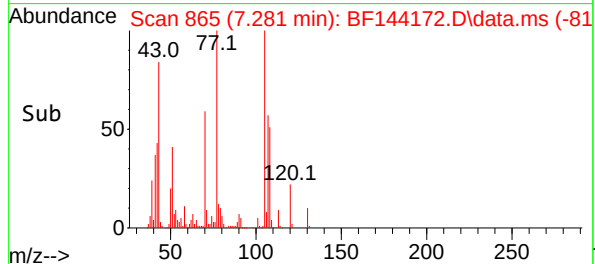
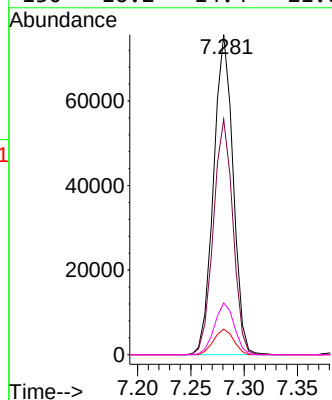
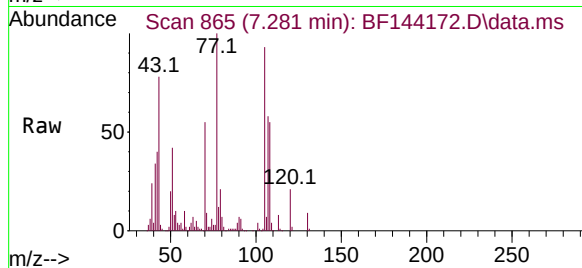




#19
n-Nitroso-di-n-propylamine
Concen: 20.897 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.017 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

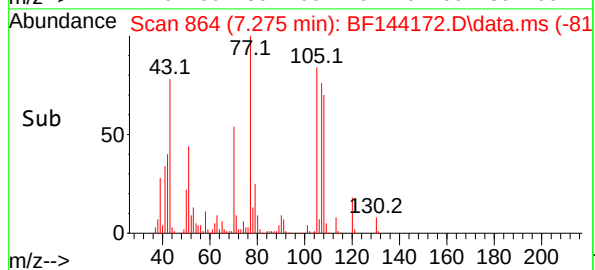
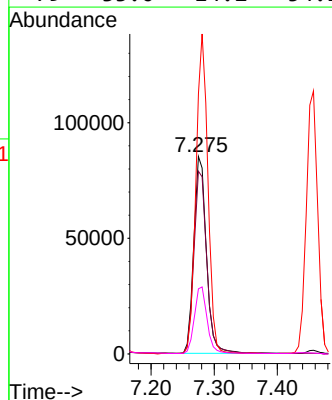
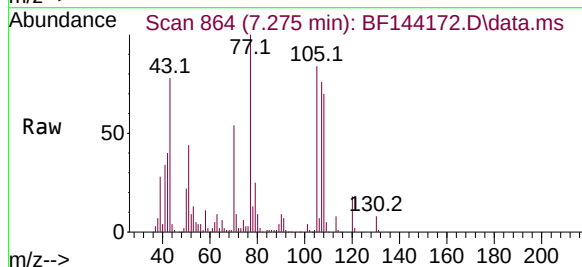
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

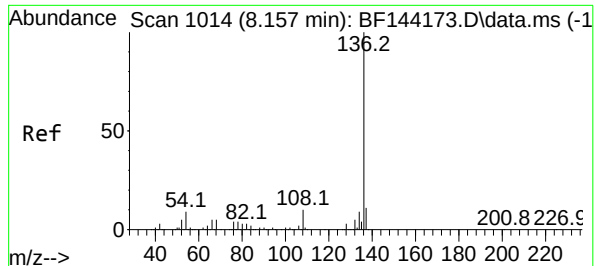
Tgt Ion: 70 Resp: 96676
Ion Ratio Lower Upper
70 100
42 73.5 58.3 87.5
101 8.0 7.0 10.6
130 16.2 14.4 21.6



#20
3+4-Methylphenols
Concen: 20.804 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 107 Resp: 118666
Ion Ratio Lower Upper
107 100
108 92.5 70.2 110.2
77 131.8 123.9 163.9
79 33.0 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 380834

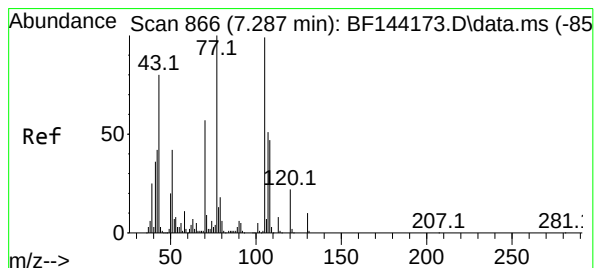
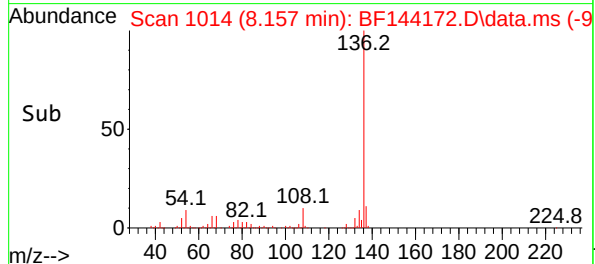
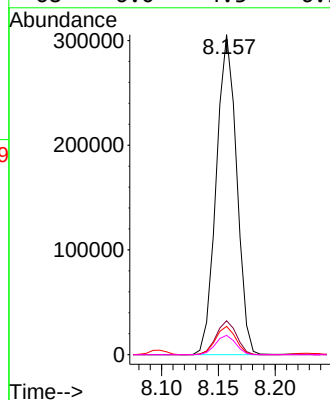
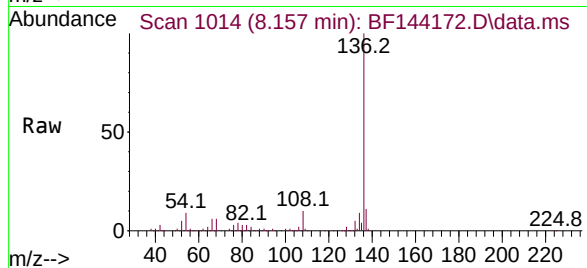
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.8 7.0 10.6

68 6.0 4.3 6.5



#22

Acetophenone

Concen: 20.242 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Tgt Ion:105 Resp: 165374

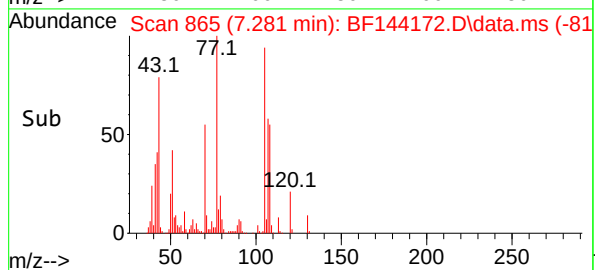
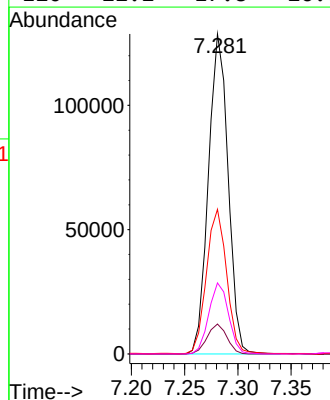
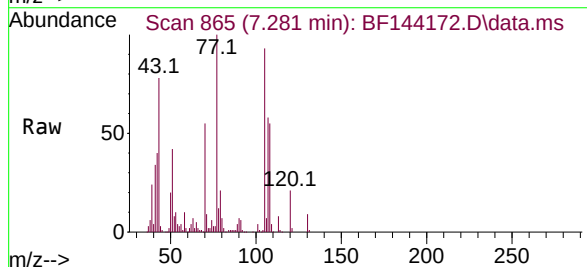
Ion Ratio Lower Upper

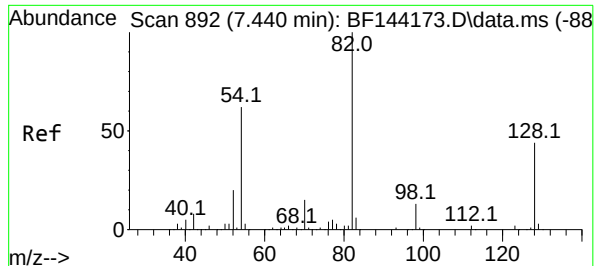
105 100

71 9.3 7.2 10.8

51 45.2 34.0 51.0

120 22.2 17.8 26.6

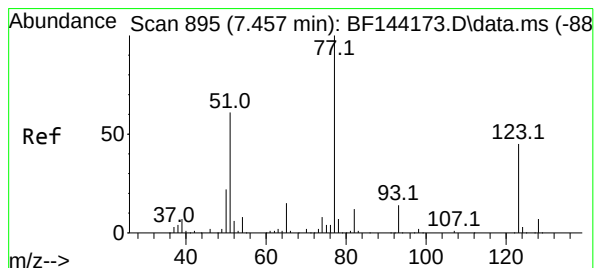
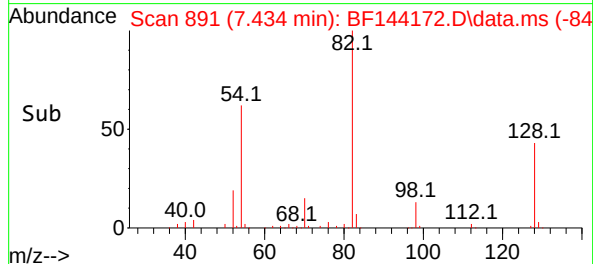
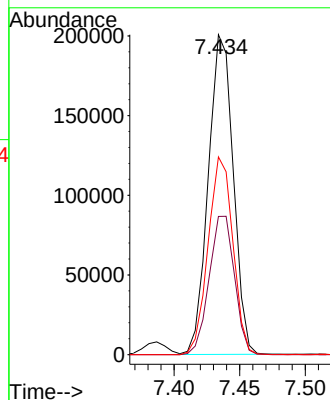
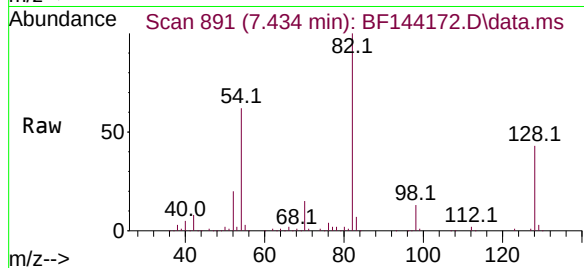




#23
Nitrobenzene-d5
Concen: 40.287 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

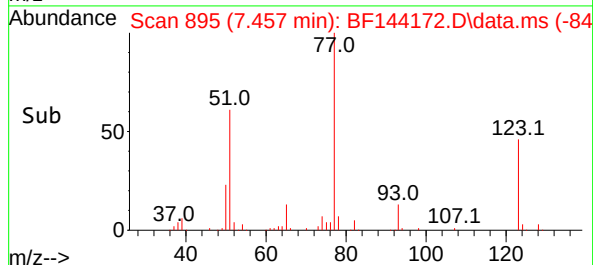
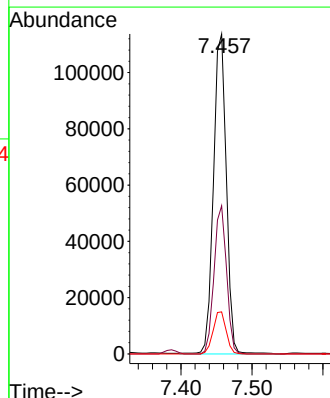
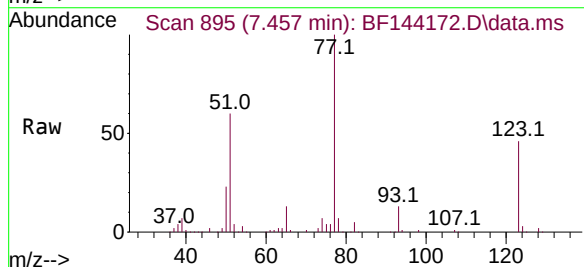
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

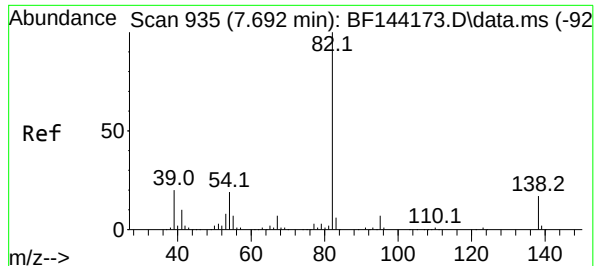
Tgt Ion: 82 Resp: 265652
Ion Ratio Lower Upper
82 100
128 43.2 34.7 52.1
54 61.8 49.5 74.3



#24
Nitrobenzene
Concen: 20.000 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 77 Resp: 143192
Ion Ratio Lower Upper
77 100
123 46.3 35.8 53.8
65 13.2 12.2 18.2





#25

Isophorone

Concen: 20.434 ng

RT: 7.693 min Scan# 935

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

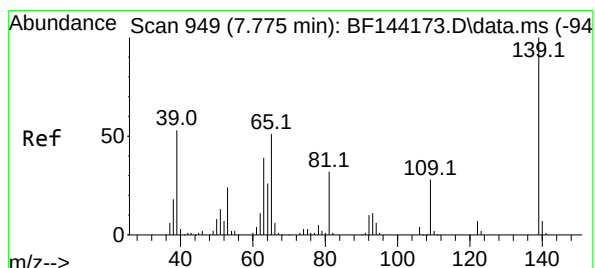
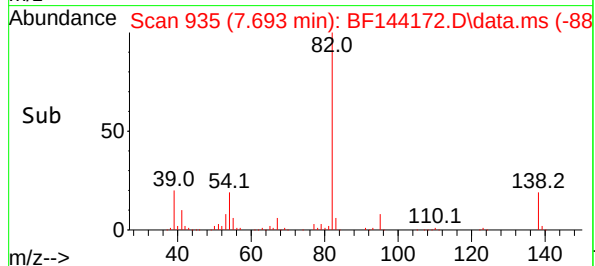
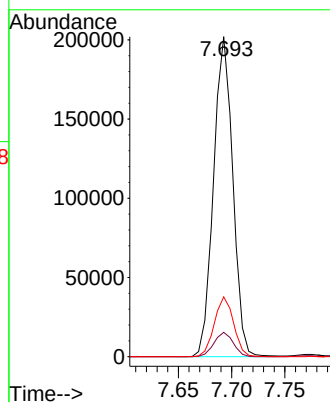
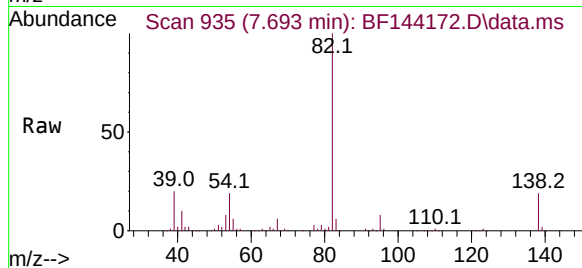
Tgt Ion: 82 Resp: 254863

Ion Ratio Lower Upper

82 100

95 7.6 5.5 8.3

138 18.7 13.7 20.5



#26

2-Nitrophenol

Concen: 20.572 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

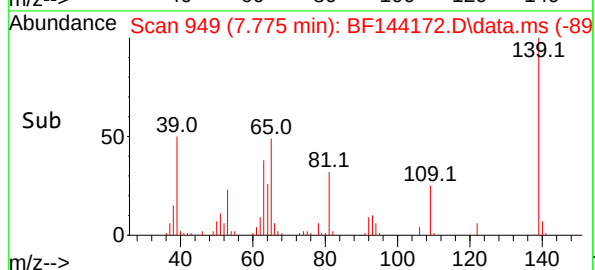
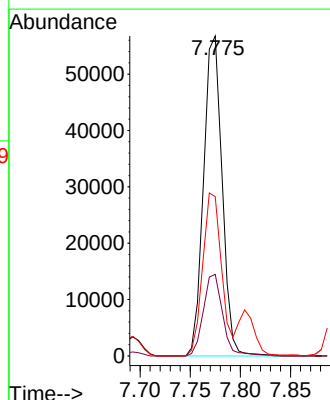
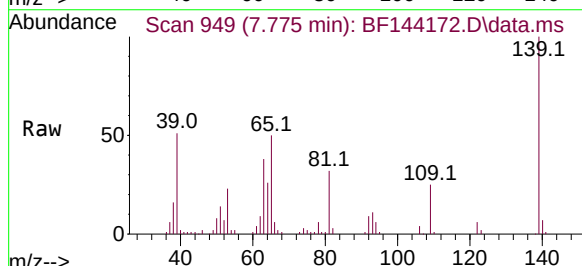
Tgt Ion:139 Resp: 72909

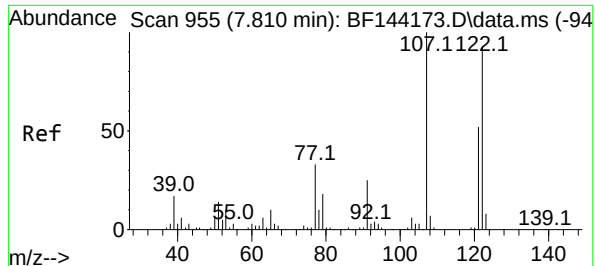
Ion Ratio Lower Upper

139 100

109 25.5 22.2 33.2

65 49.8 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 18.981 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

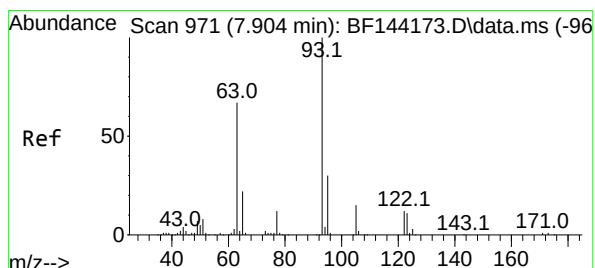
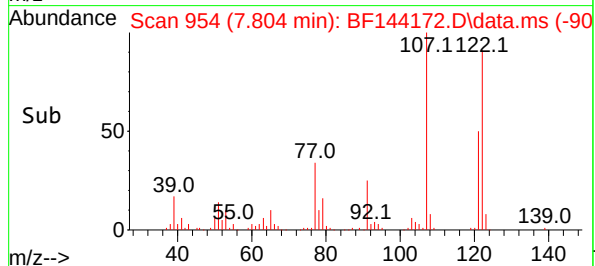
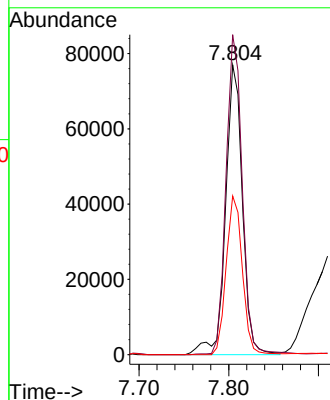
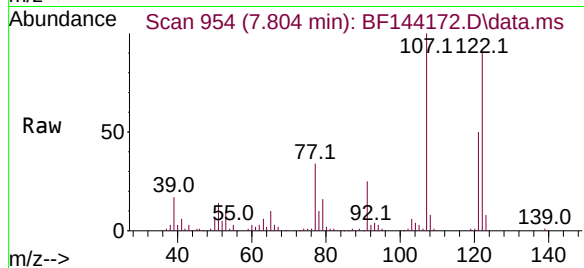
Tgt Ion:122 Resp: 100827

Ion Ratio Lower Upper

122 100

107 110.4 86.2 129.4

121 54.8 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 20.161 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

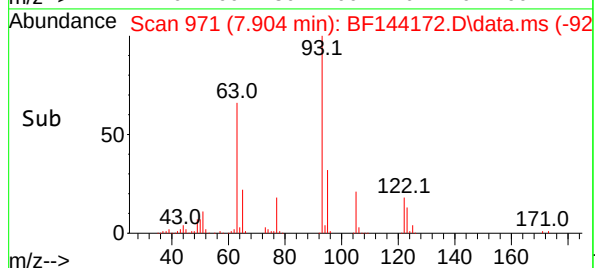
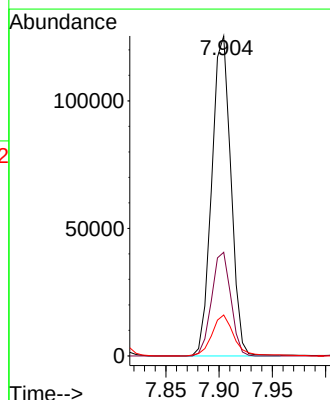
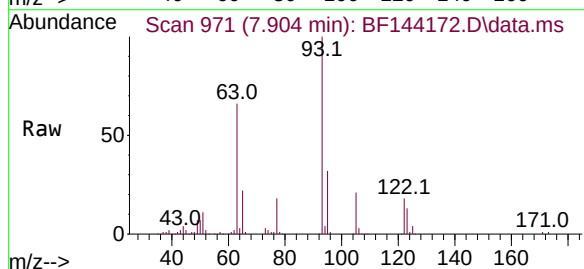
Tgt Ion: 93 Resp: 157029

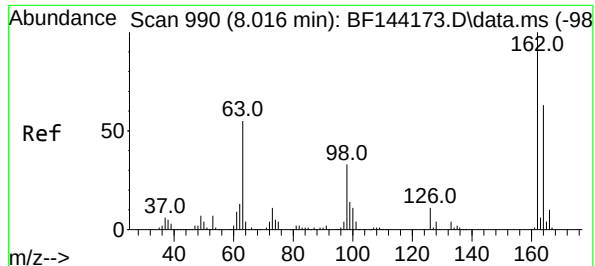
Ion Ratio Lower Upper

93 100

95 32.4 24.2 36.4

123 12.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 20.548 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

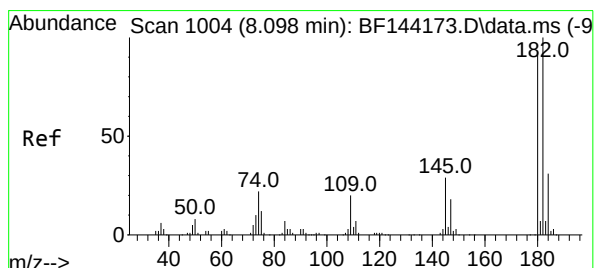
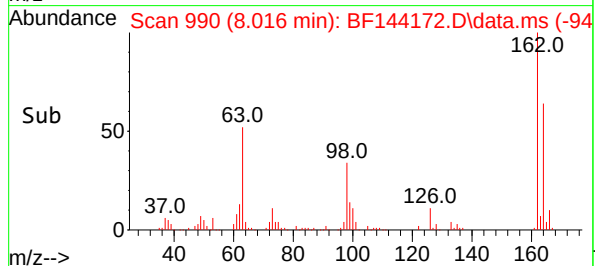
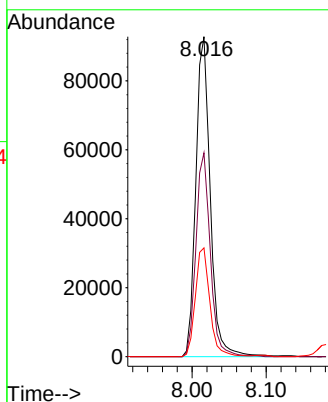
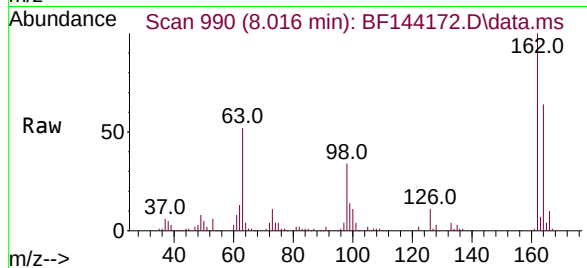
Tgt Ion:162 Resp: 125803

Ion Ratio Lower Upper

162 100

164 63.7 42.9 82.9

98 34.0 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 20.106 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

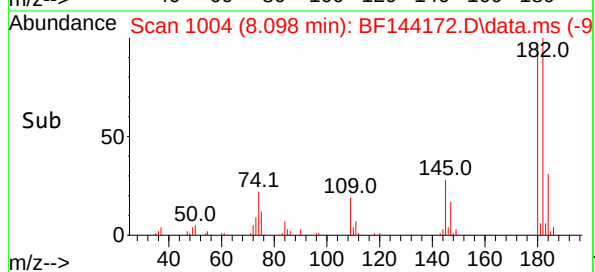
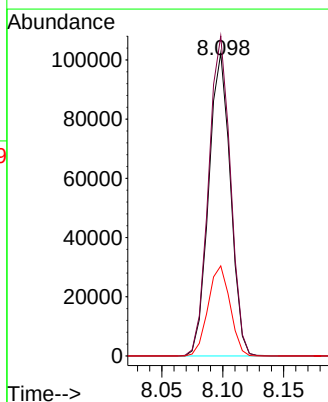
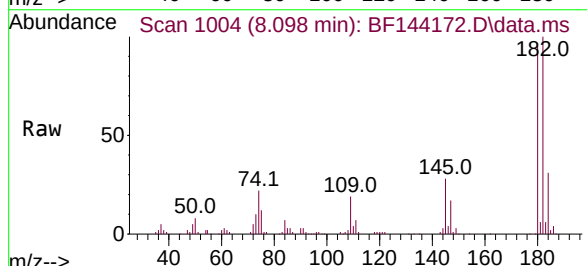
Tgt Ion:180 Resp: 126402

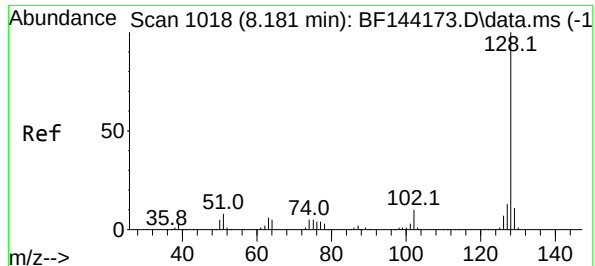
Ion Ratio Lower Upper

180 100

182 105.7 87.7 131.5

145 29.7 25.4 38.0

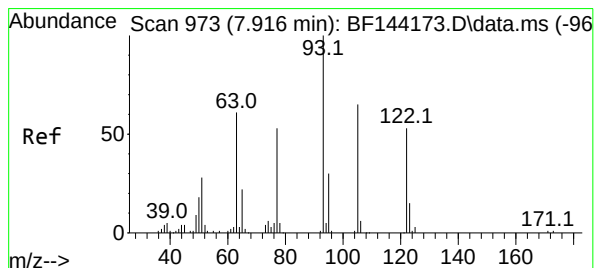
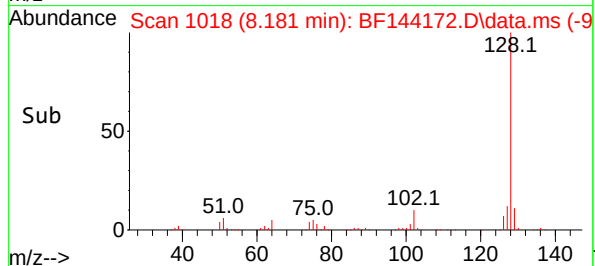
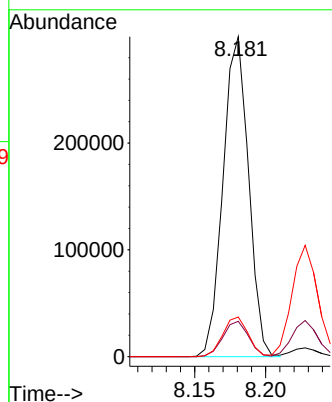
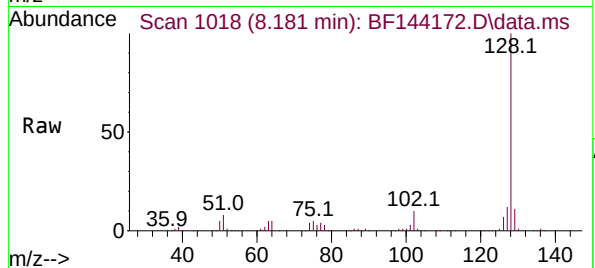




#31
Naphthalene
Concen: 20.643 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

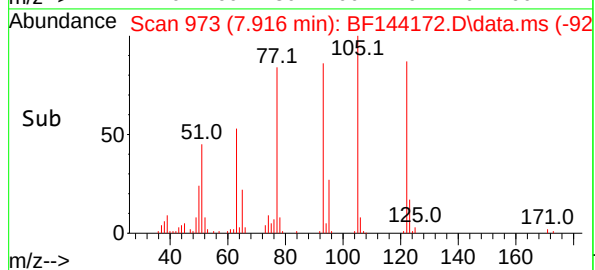
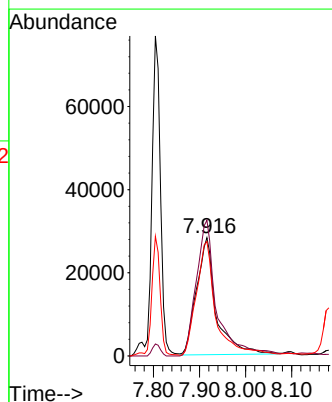
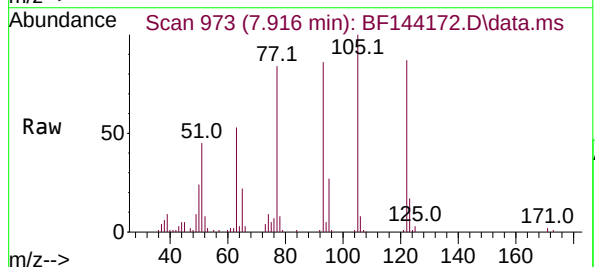
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

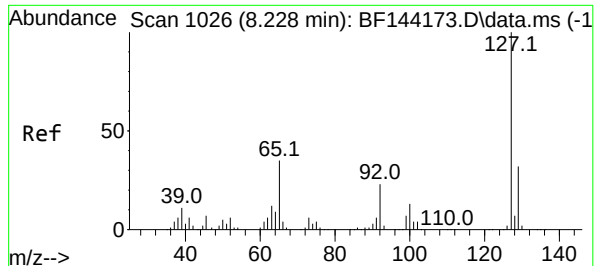
Tgt Ion:128 Resp: 373973
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.4 10.3 15.5



#32
Benzoic acid
Concen: 21.522 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:122 Resp: 83801
Ion Ratio Lower Upper
122 100
105 114.8 99.9 139.9
77 96.8 77.5 117.5

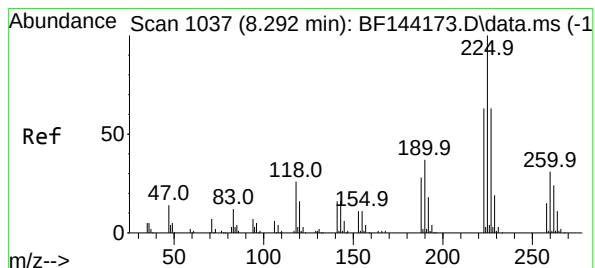
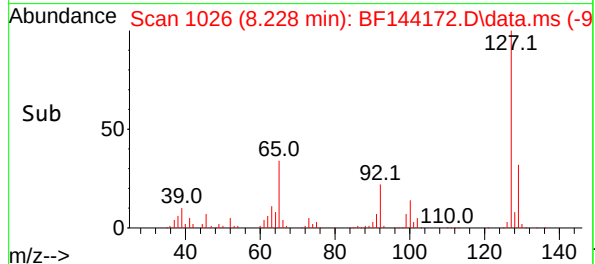
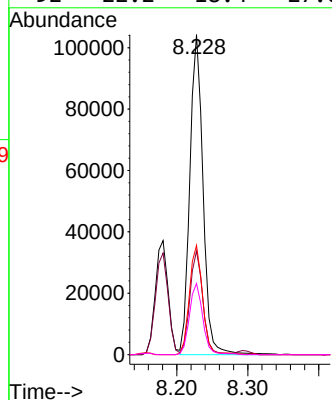
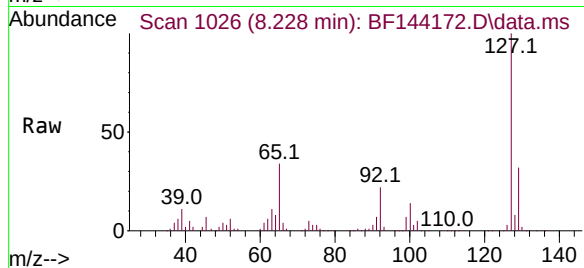




#33
4-Chloroaniline
Concen: 20.474 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

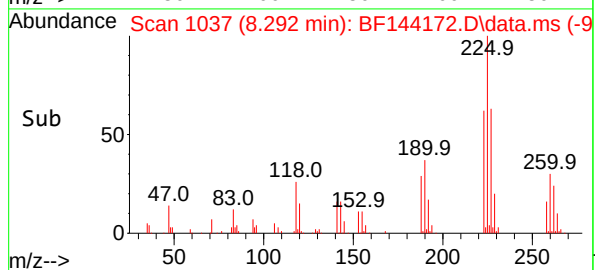
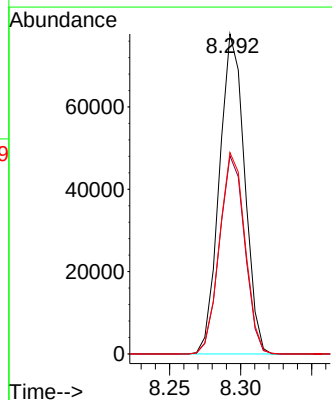
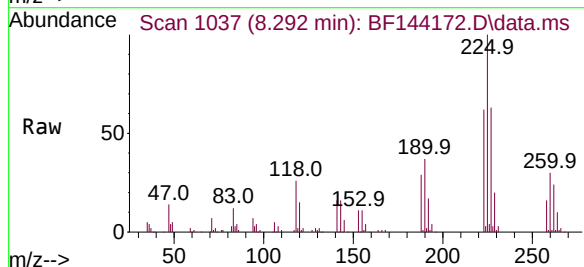
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

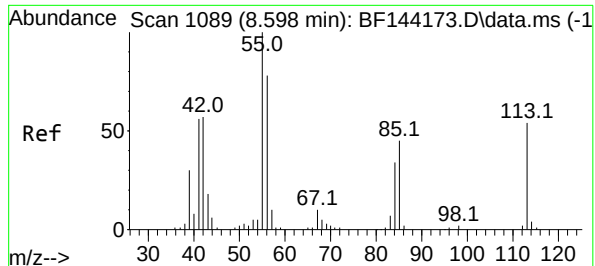
Tgt Ion:	127	Resp:	135273
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.3	37.9
65	34.1	27.6	41.4
92	22.2	18.4	27.6



#34
Hexachlorobutadiene
Concen: 20.255 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:	225	Resp:	95971
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.2	75.4
227	62.9	50.1	75.1

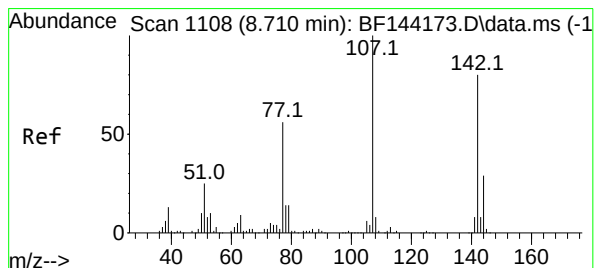
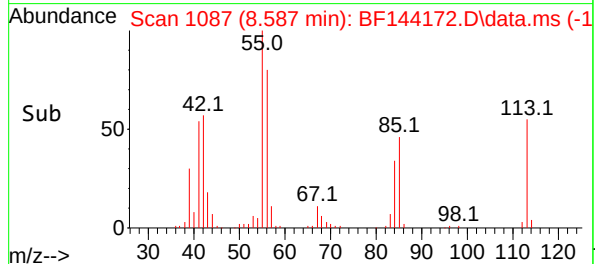
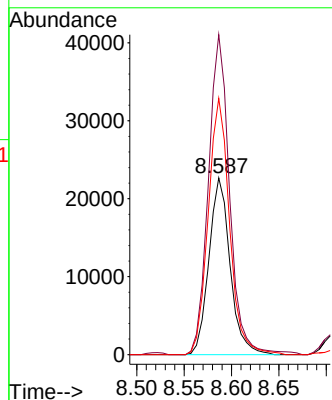
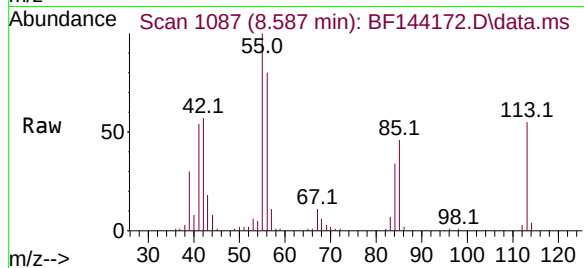




#35
Caprolactam
Concen: 21.028 ng
RT: 8.587 min Scan# 1087
Delta R.T. -0.035 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

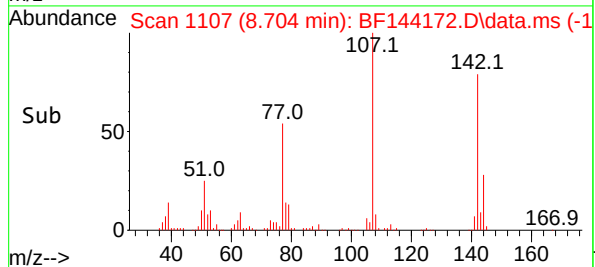
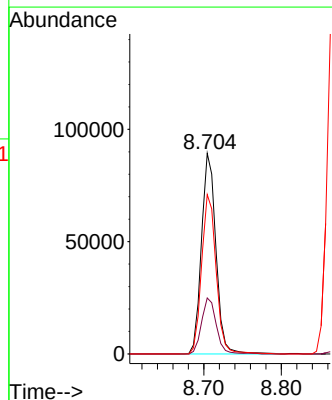
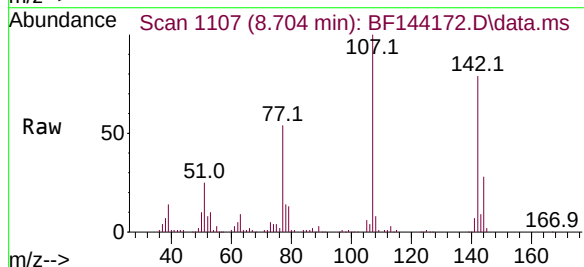
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

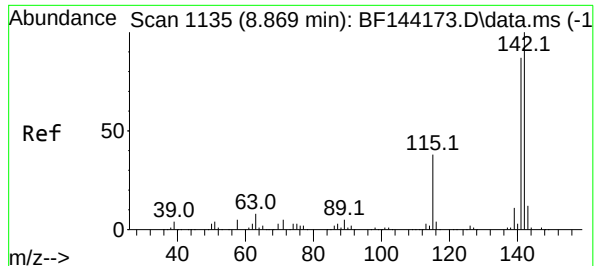
Tgt Ion:113 Resp: 35272
Ion Ratio Lower Upper
113 100
55 181.1 166.8 206.8
56 145.1 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 21.069 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:107 Resp: 115603
Ion Ratio Lower Upper
107 100
144 27.9 23.3 34.9
142 79.4 63.8 95.6





#37

2-Methylnaphthalene

Concen: 20.905 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

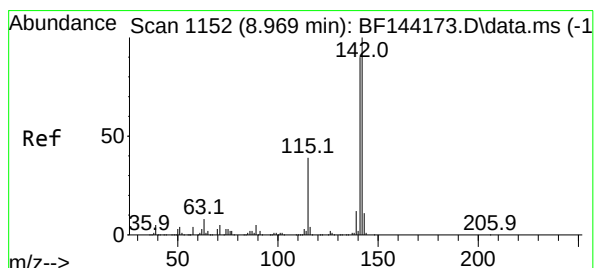
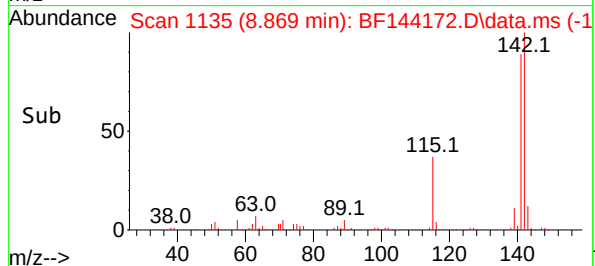
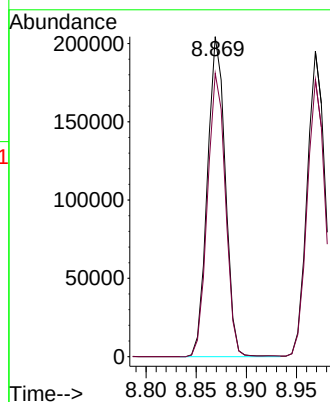
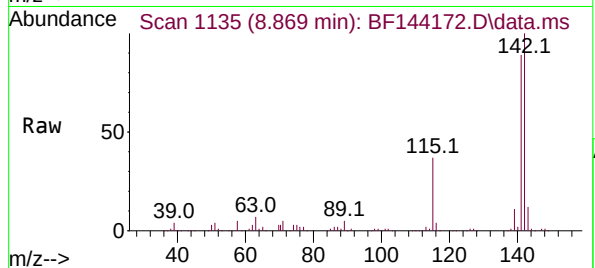
SSTDICC020

Tgt Ion:142 Resp: 253201

Ion Ratio Lower Upper

142 100

141 88.5 69.9 104.9



#38

1-Methylnaphthalene

Concen: 20.588 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144172.D

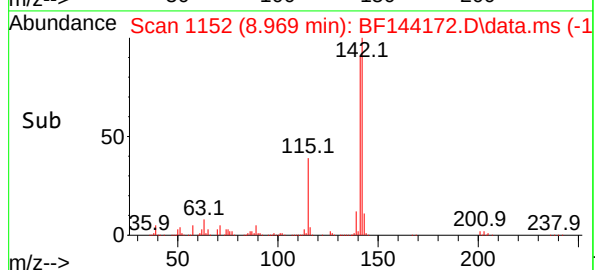
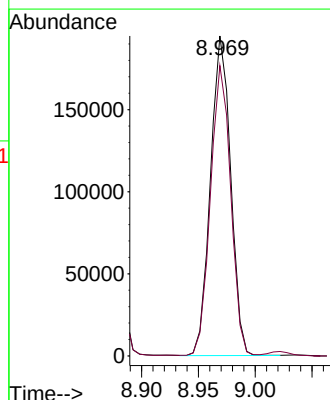
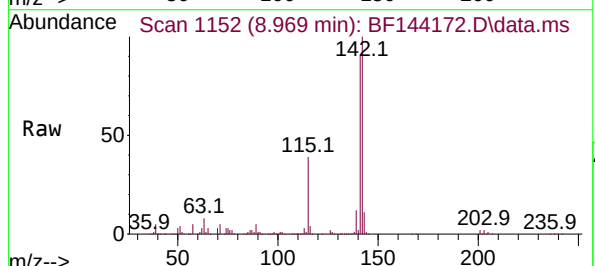
Acq: 05 Nov 2025 14:20

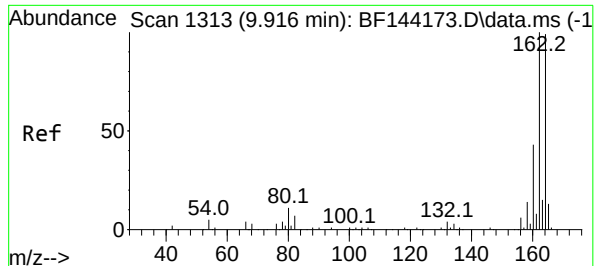
Tgt Ion:142 Resp: 240612

Ion Ratio Lower Upper

142 100

141 90.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

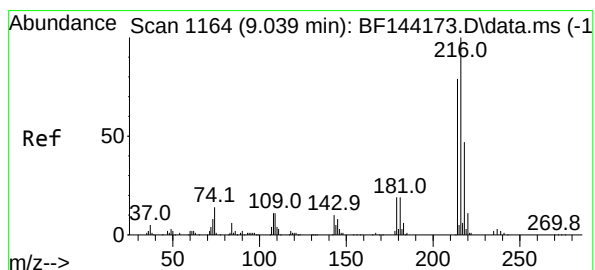
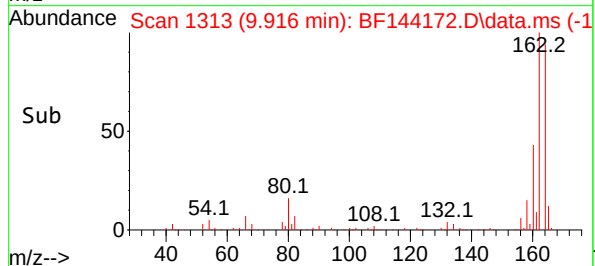
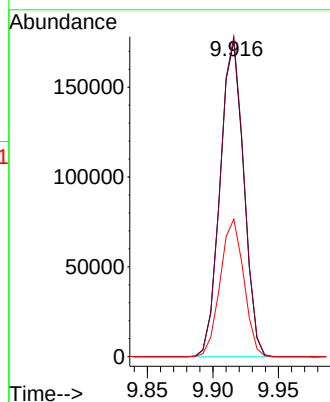
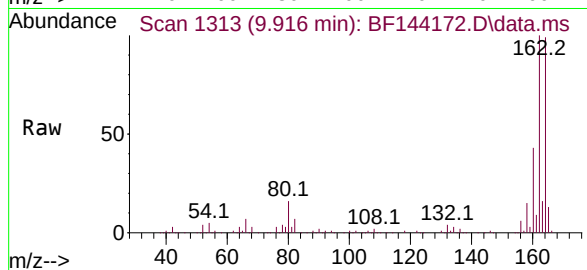
Tgt Ion:164 Resp: 220087

Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

160 43.6 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.100 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Tgt Ion:216 Resp: 144980

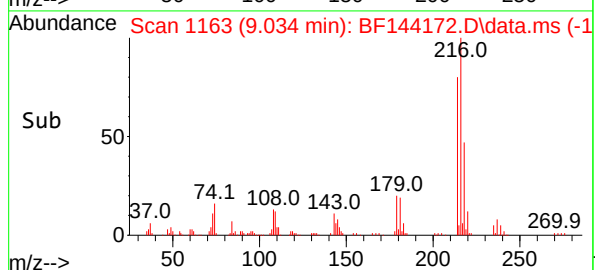
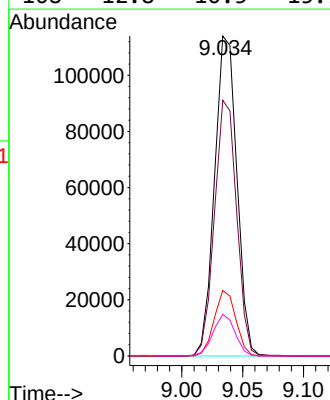
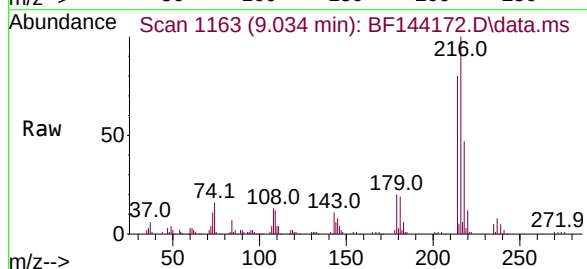
Ion Ratio Lower Upper

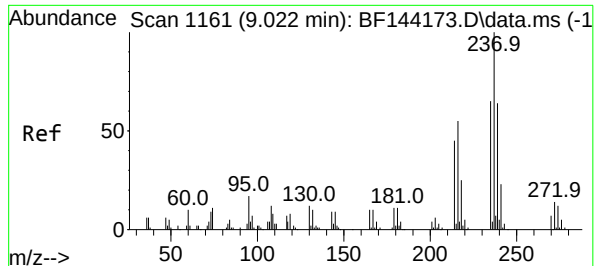
216 100

214 79.3 63.4 95.2

179 19.8 15.0 22.4

108 12.8 10.5 15.7

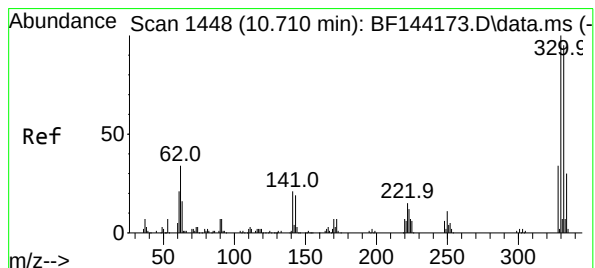
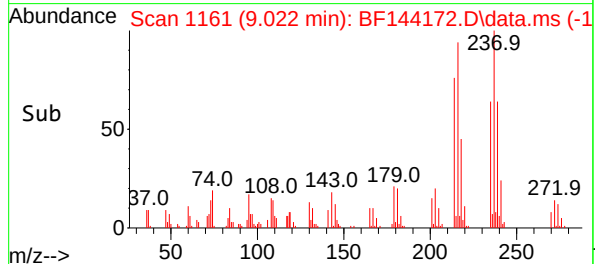
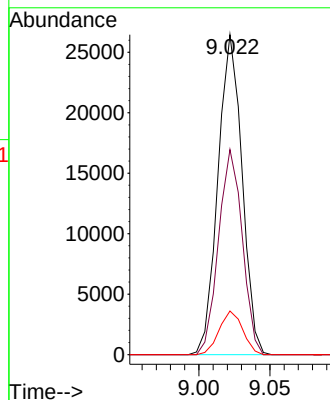
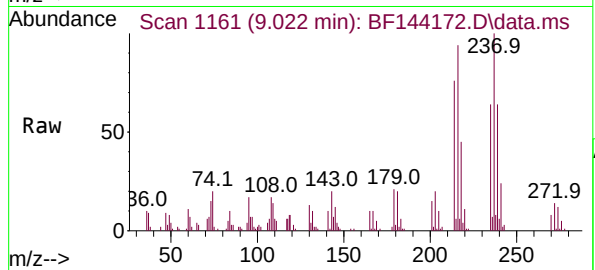




#41
Hexachlorocyclopentadiene
Concen: 18.527 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

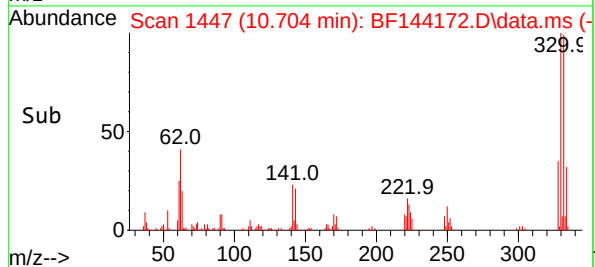
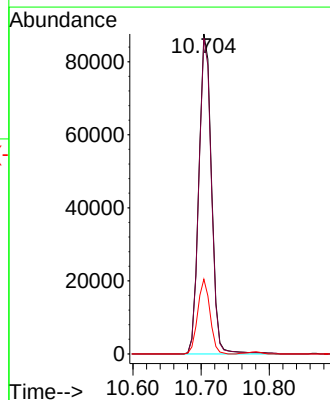
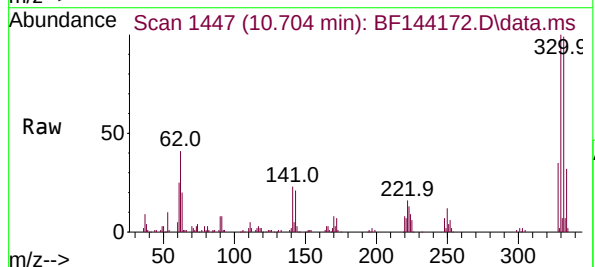
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

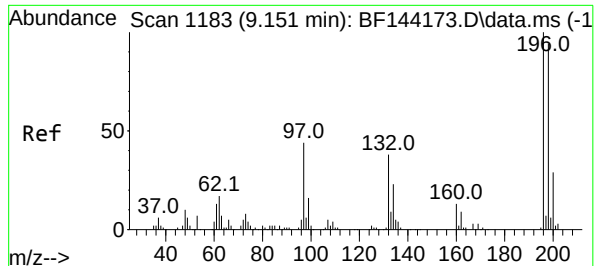
Tgt Ion:237 Resp: 31247
Ion Ratio Lower Upper
237 100
235 64.1 45.5 85.5
272 13.6 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 40.889 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:330 Resp: 112928
Ion Ratio Lower Upper
330 100
332 97.9 76.7 115.1
141 22.6 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 20.136 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

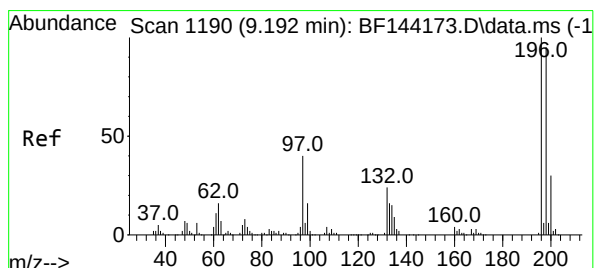
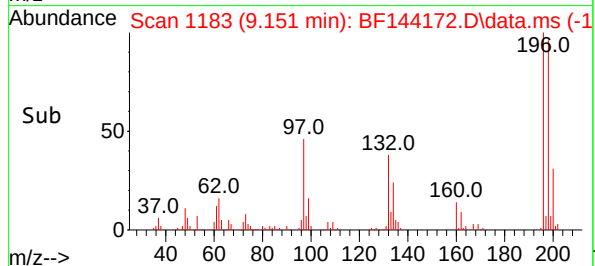
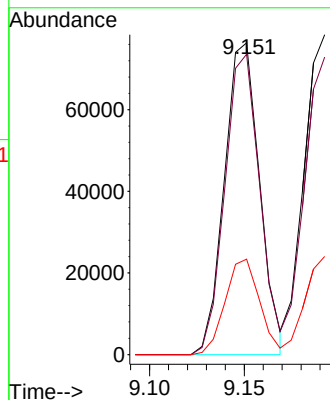
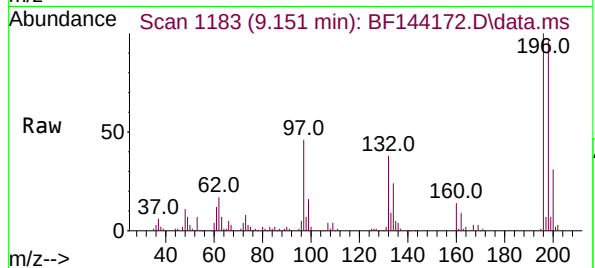
Tgt Ion:196 Resp: 98855

Ion Ratio Lower Upper

196 100

198 96.4 75.3 112.9

200 30.6 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 20.653 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Tgt Ion:196 Resp: 109277

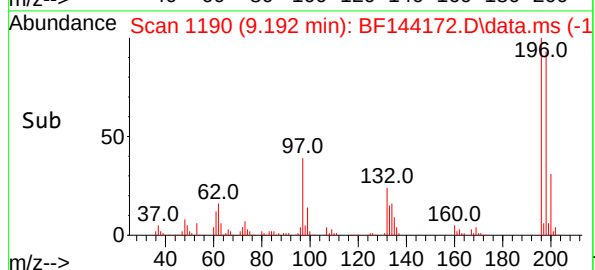
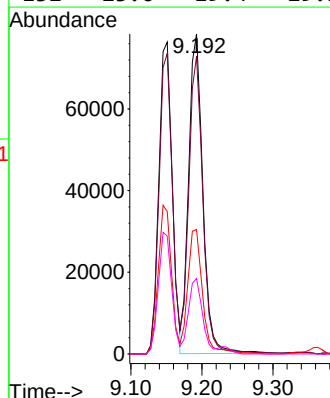
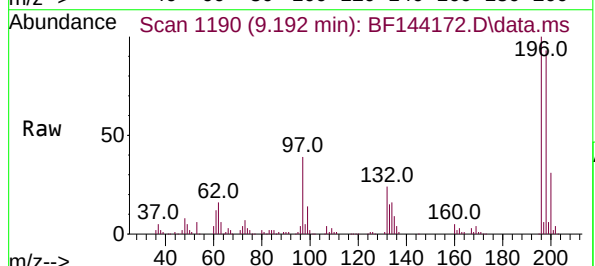
Ion Ratio Lower Upper

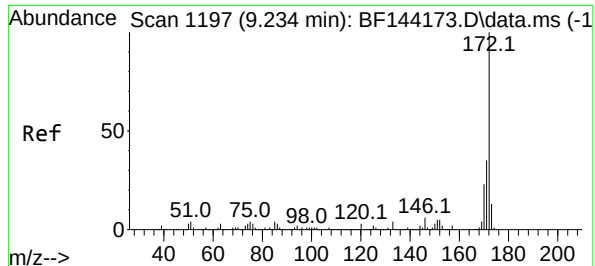
196 100

198 93.0 76.1 114.1

97 38.9 31.9 47.9

132 23.6 19.4 29.2

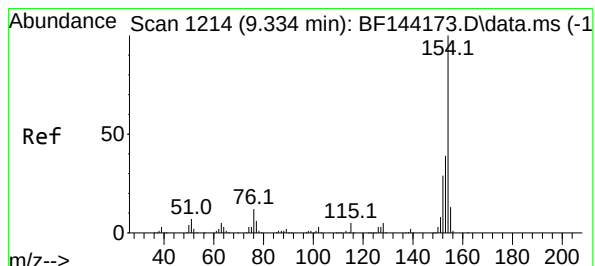
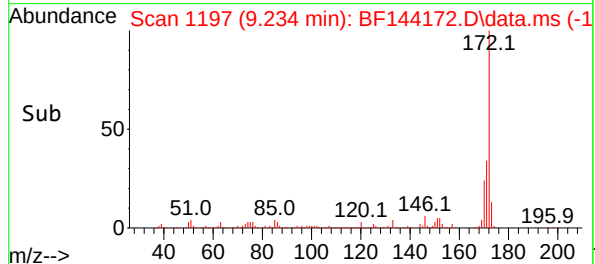
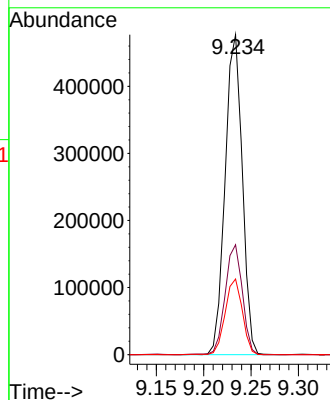
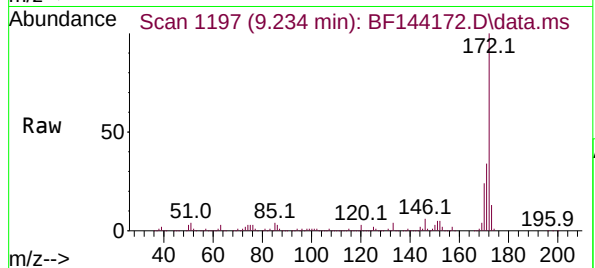




#45
2-Fluorobiphenyl
Concen: 40.208 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

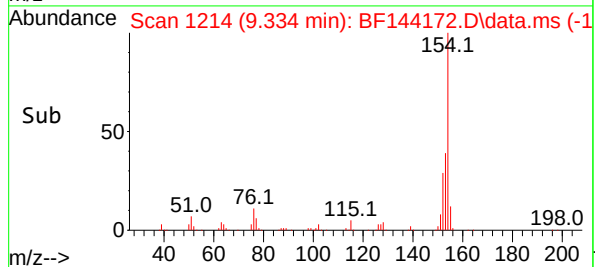
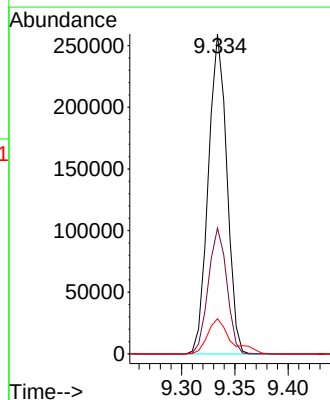
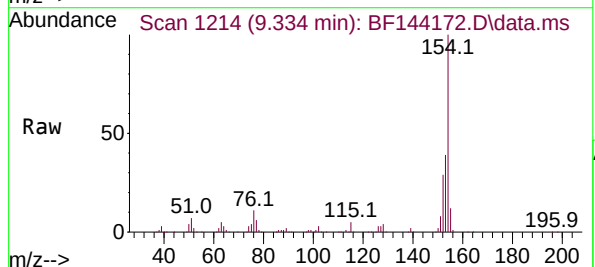
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

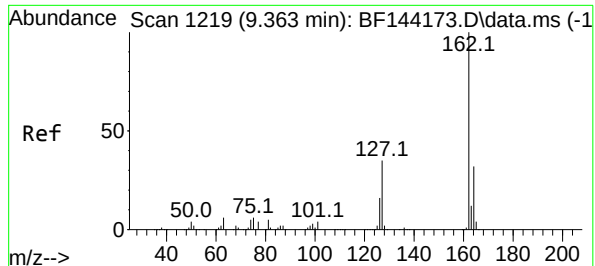
Tgt Ion:172 Resp: 599169
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 20.417 ng
RT: 9.334 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:154 Resp: 313667
Ion Ratio Lower Upper
154 100
153 39.3 19.2 59.2
76 11.0 0.0 31.8





#47

2-Chloronaphthalene

Concen: 20.262 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

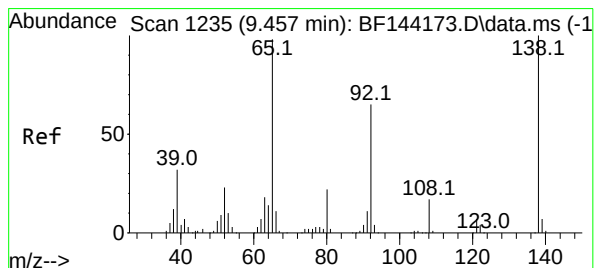
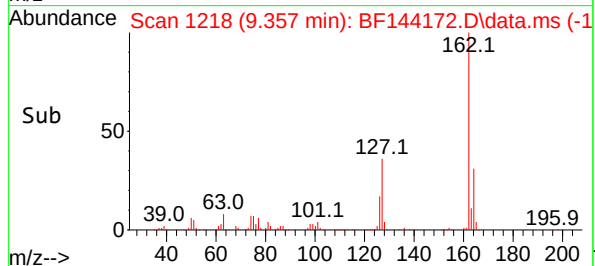
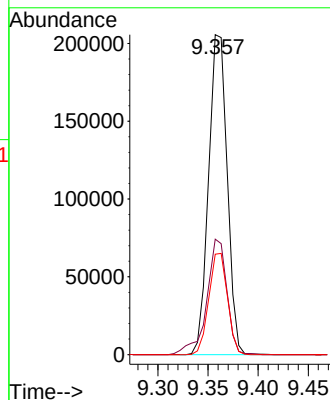
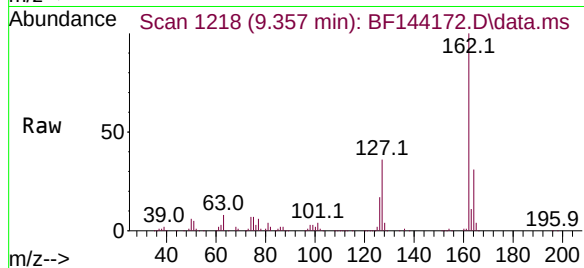
Tgt Ion:162 Resp: 265522

Ion Ratio Lower Upper

162 100

127 36.1 28.8 43.2

164 31.4 25.8 38.8



#48

2-Nitroaniline

Concen: 20.308 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

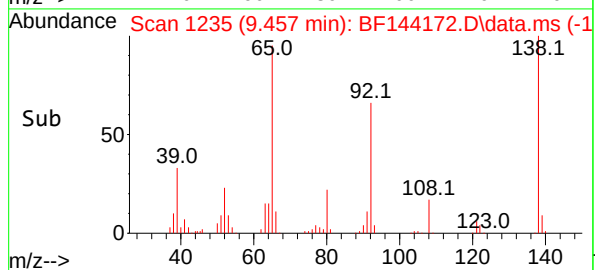
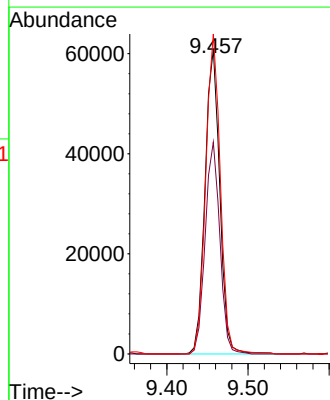
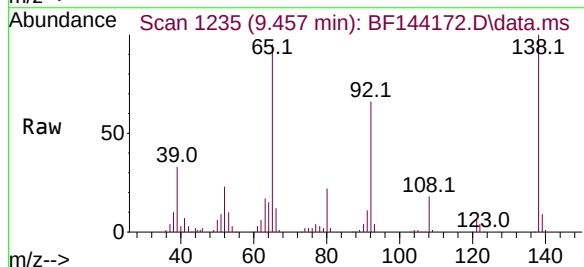
Tgt Ion: 65 Resp: 76785

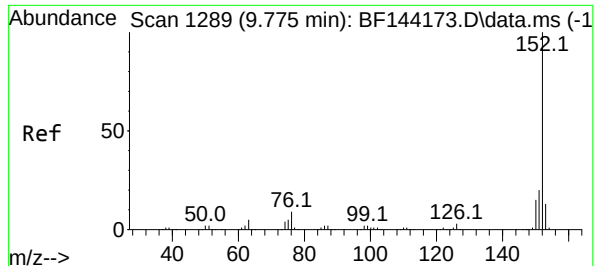
Ion Ratio Lower Upper

65 100

92 69.5 53.0 79.6

138 105.1 81.6 122.4





#49

Acenaphthylene

Concen: 20.664 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144172.D

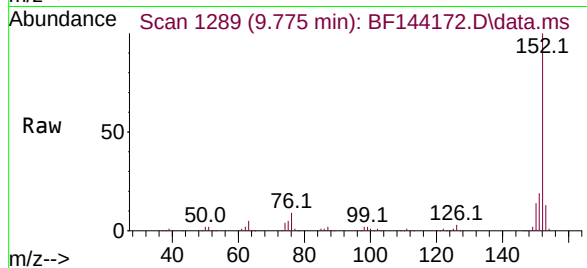
Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



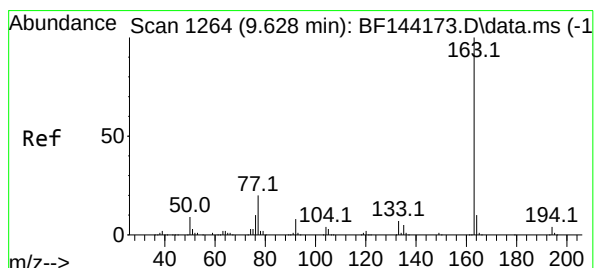
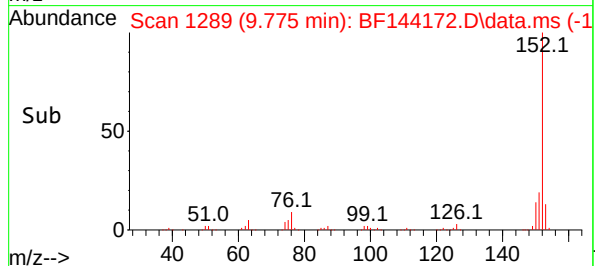
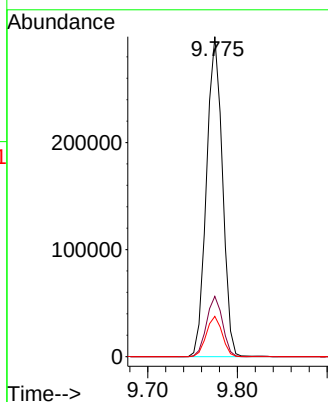
Tgt Ion:152 Resp: 369018

Ion Ratio Lower Upper

152 100

151 18.8 15.9 23.9

153 12.6 10.5 15.7



#50

Dimethylphthalate

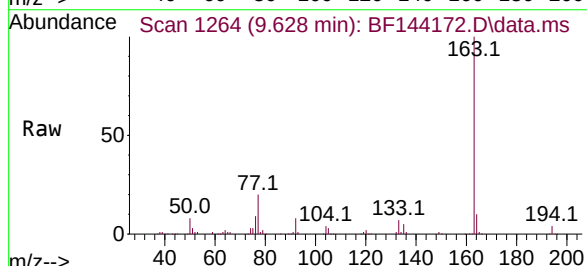
Concen: 20.516 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20



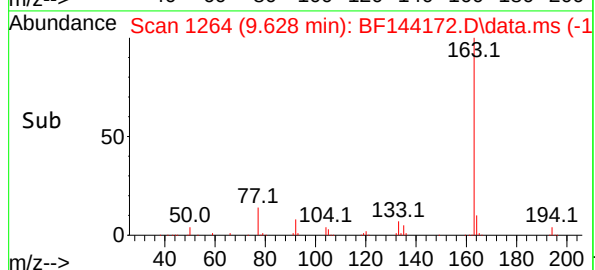
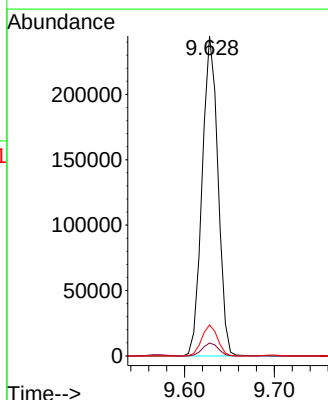
Tgt Ion:163 Resp: 299125

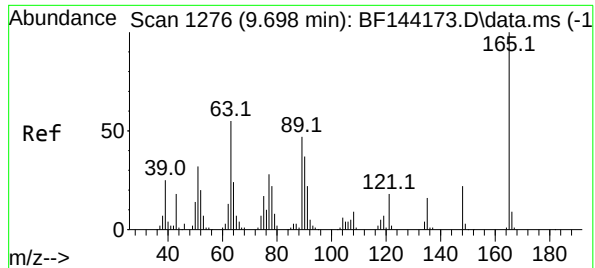
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.7 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 20.212 ng

RT: 9.698 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

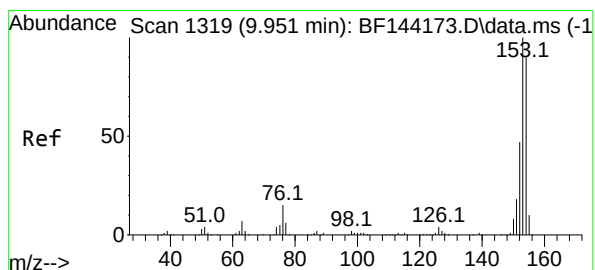
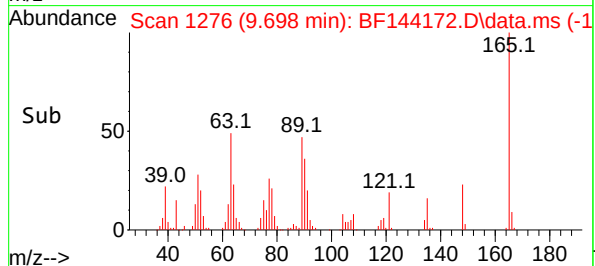
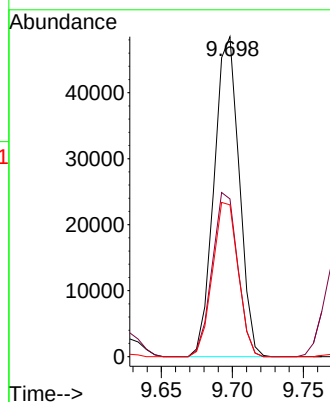
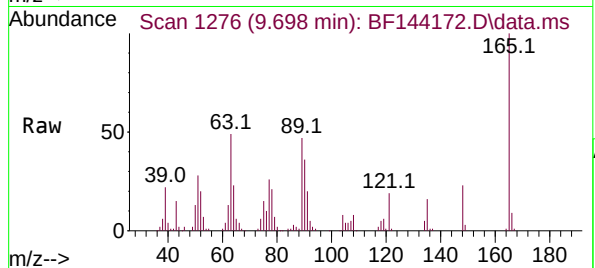
Tgt Ion:165 Resp: 59656

Ion Ratio Lower Upper

165 100

63 49.3 43.8 65.8

89 47.4 37.5 56.3



#52

Acenaphthene

Concen: 20.641 ng

RT: 9.945 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

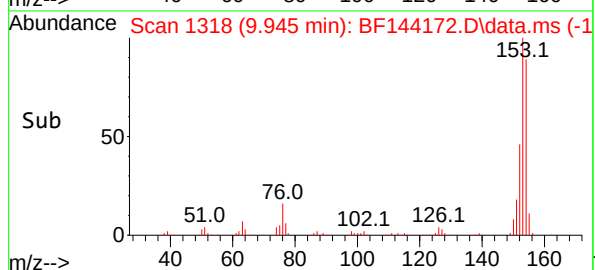
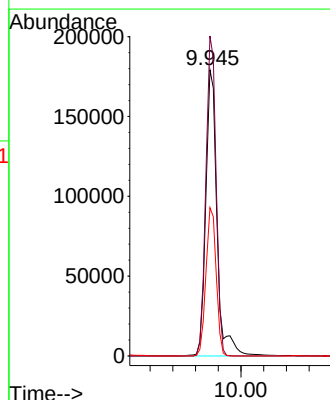
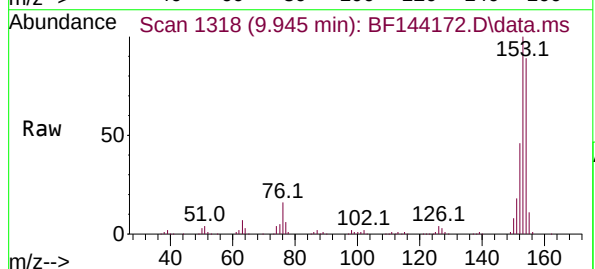
Tgt Ion:154 Resp: 246497

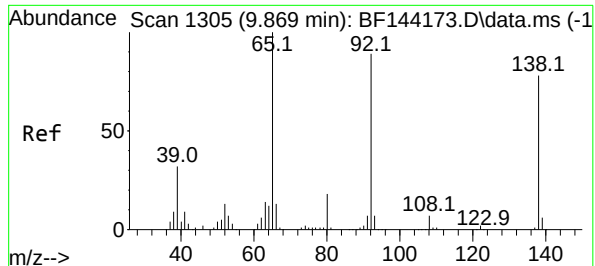
Ion Ratio Lower Upper

154 100

153 111.9 89.0 133.4

152 51.8 42.2 63.4





#53

3-Nitroaniline

Concen: 20.623 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

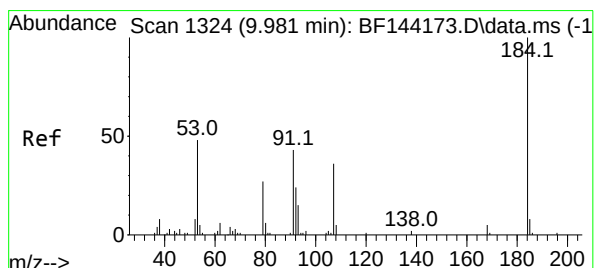
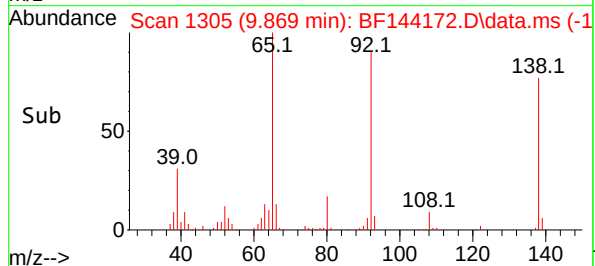
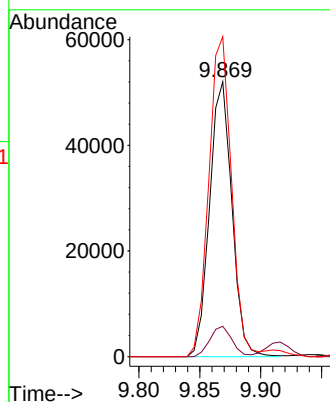
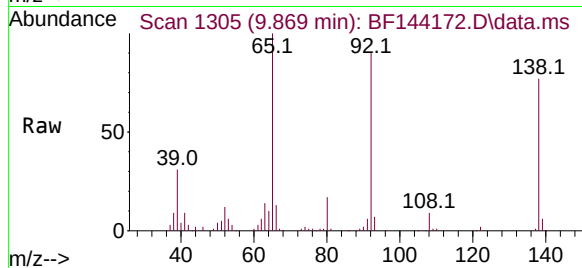
Tgt Ion:138 Resp: 66539

Ion Ratio Lower Upper

138 100

108 11.1 7.5 11.3

92 116.4 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 20.453 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

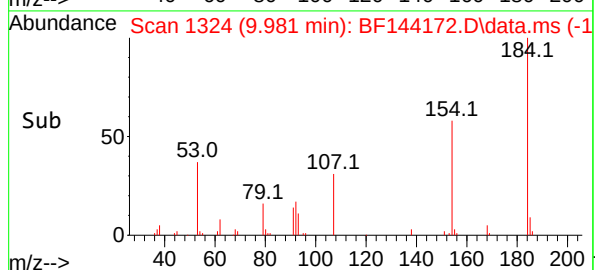
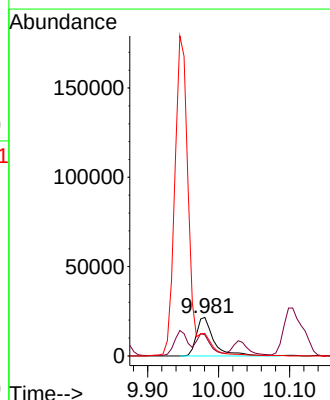
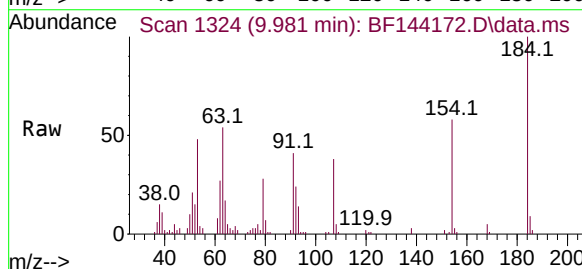
Tgt Ion:184 Resp: 36453

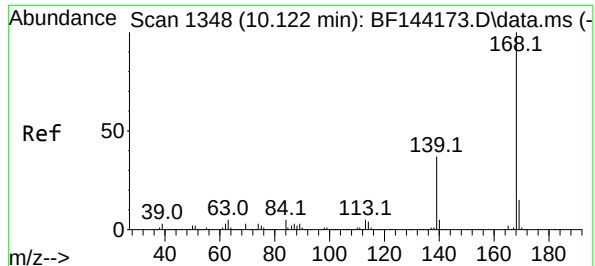
Ion Ratio Lower Upper

184 100

63 54.5 44.0 66.0

154 58.3 42.4 63.6





#55

Dibenzofuran

Concen: 20.864 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

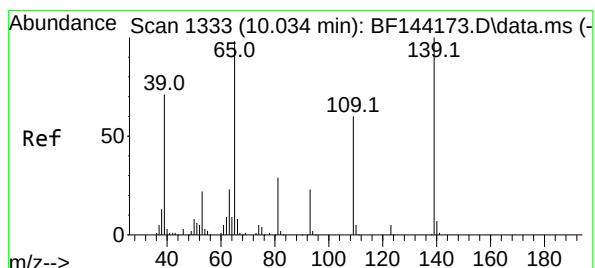
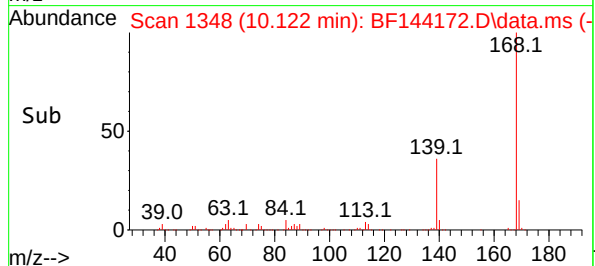
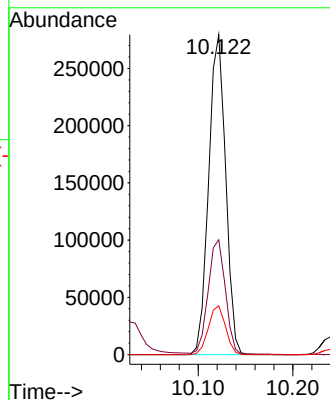
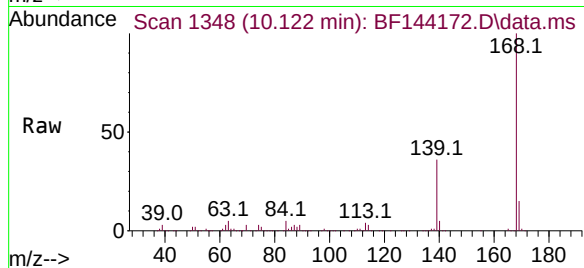
Tgt Ion:168 Resp: 348955

Ion Ratio Lower Upper

168 100

139 35.9 30.2 45.2

169 15.2 12.2 18.4



#56

4-Nitrophenol

Concen: 19.003 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

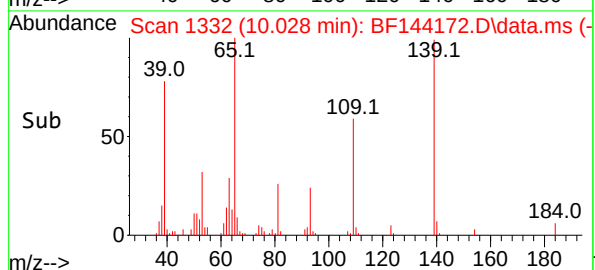
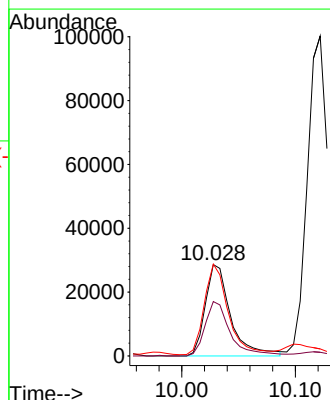
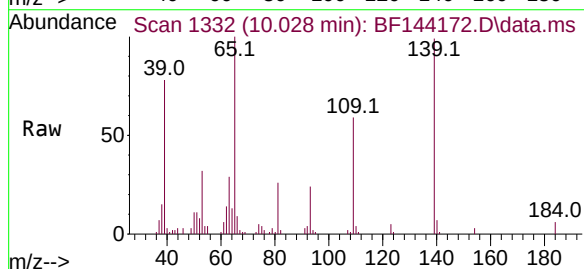
Tgt Ion:139 Resp: 44352

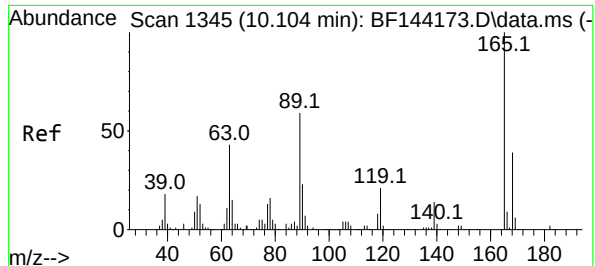
Ion Ratio Lower Upper

139 100

109 59.5 39.9 79.9

65 100.6 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 20.706 ng

RT: 10.104 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 81812

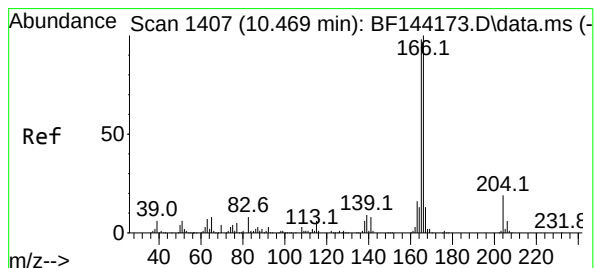
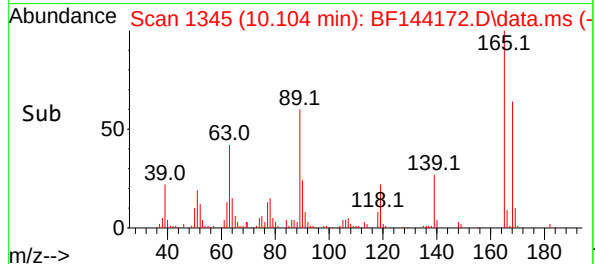
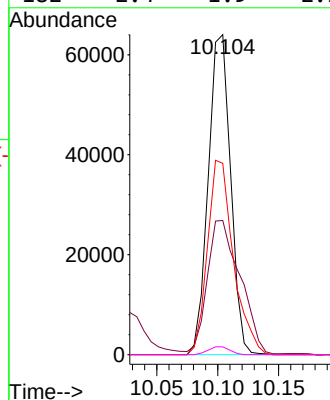
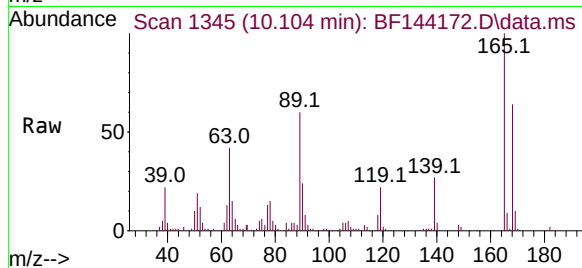
Ion Ratio Lower Upper

165 100

63 41.9 35.5 53.3

89 59.8 47.4 71.2

182 2.4 1.9 2.9



#58

Fluorene

Concen: 20.725 ng

RT: 10.463 min Scan# 1406

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

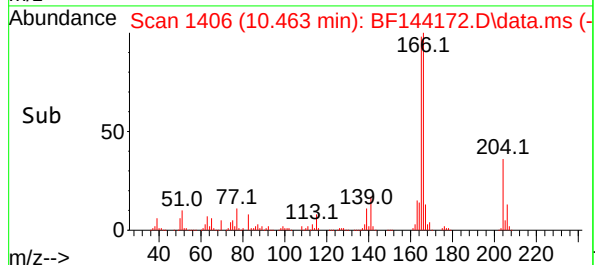
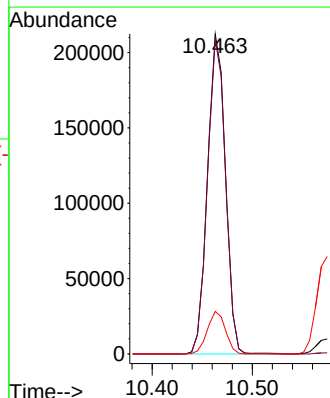
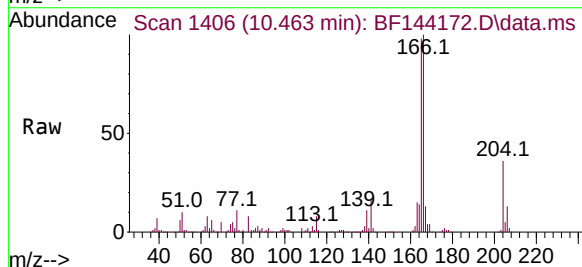
Tgt Ion:166 Resp: 263546

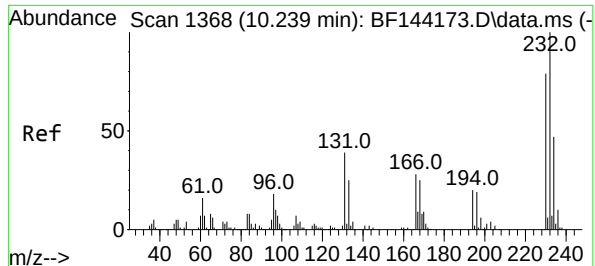
Ion Ratio Lower Upper

166 100

165 98.3 78.6 118.0

167 13.3 10.4 15.6

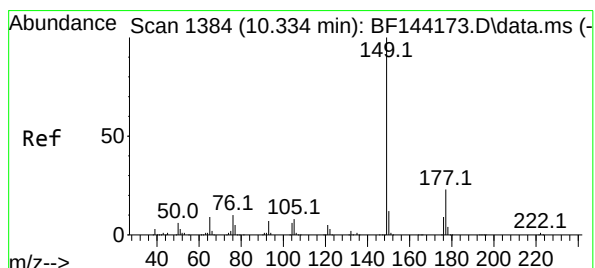
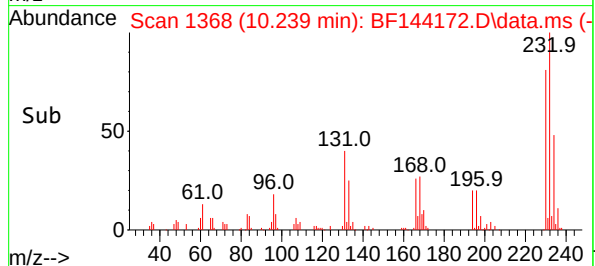
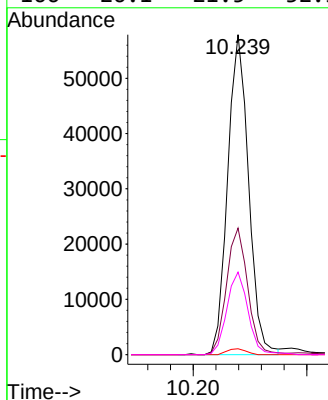
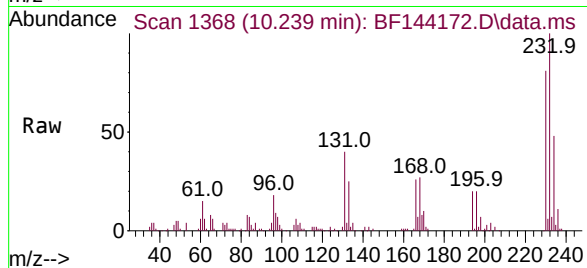




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.762 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

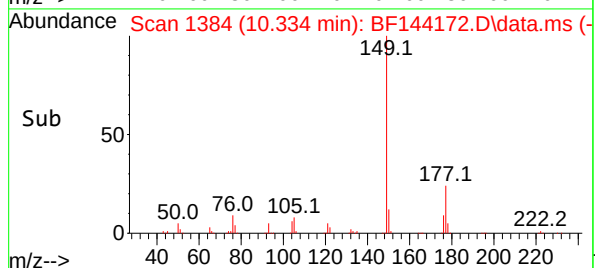
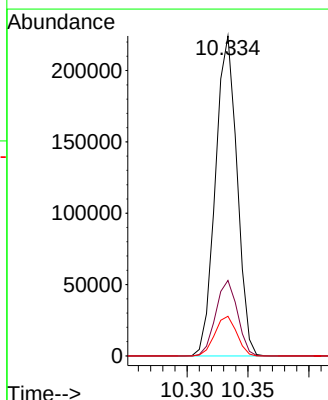
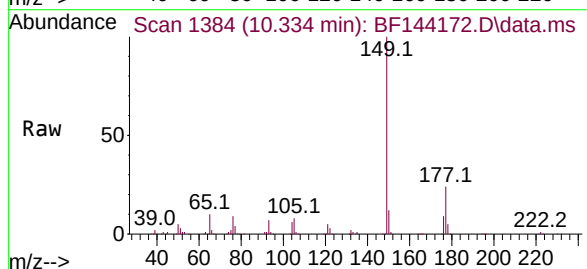
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

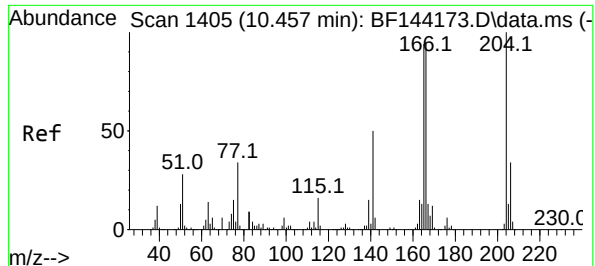
Tgt Ion:232 Resp: 73978
Ion Ratio Lower Upper
232 100
131 40.2 30.3 45.5
130 1.6 1.2 1.8
166 26.1 21.5 32.3



#60
Diethylphthalate
Concen: 20.535 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:149 Resp: 276008
Ion Ratio Lower Upper
149 100
177 23.6 18.3 27.5
150 12.4 9.8 14.6

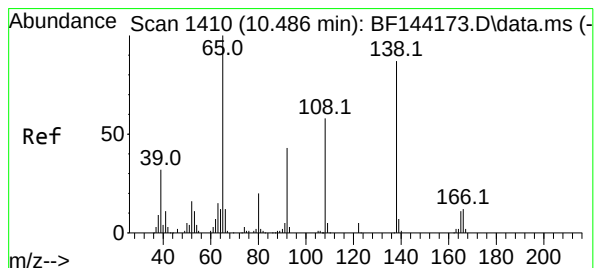
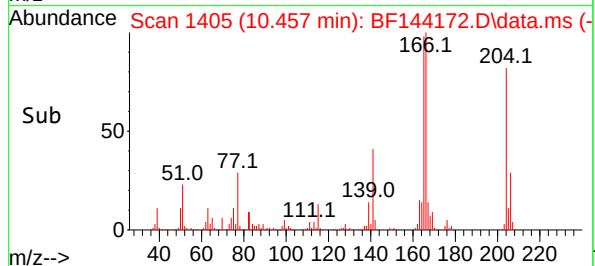
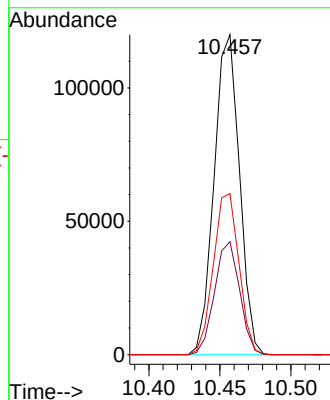
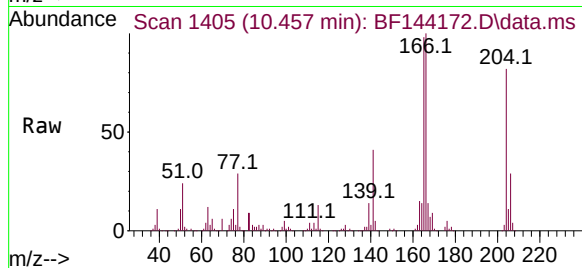




#61
4-Chlorophenyl-phenylether
Concen: 20.595 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

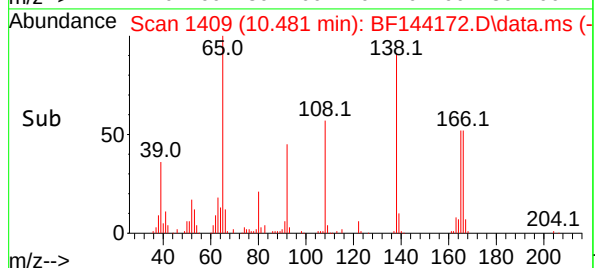
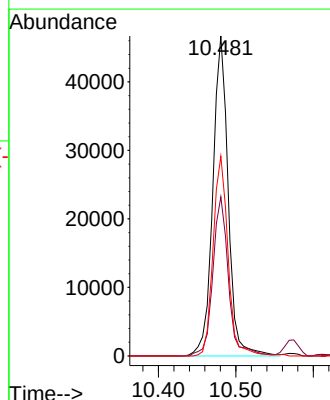
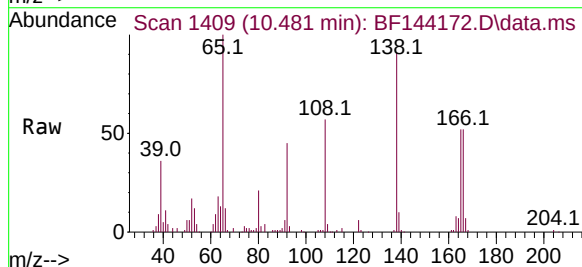
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

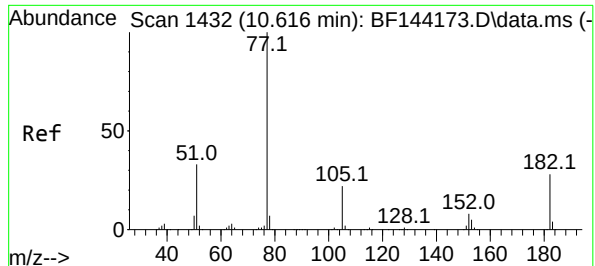
Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.3	27.4	41.2
141	50.3	40.0	60.0



#62
4-Nitroaniline
Concen: 20.987 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.017 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	29.4	69.4
108	62.4	46.4	86.4

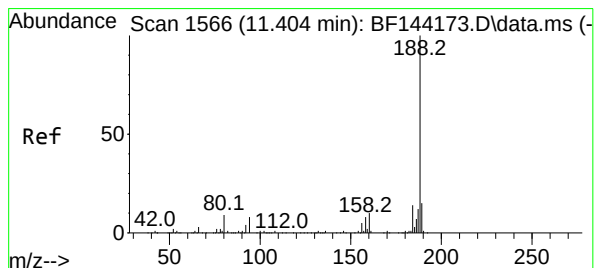
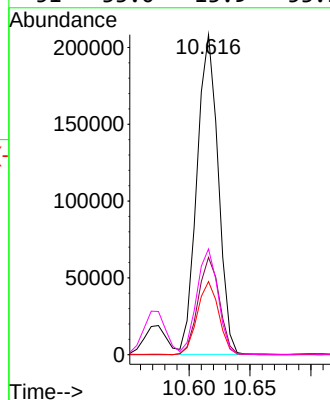
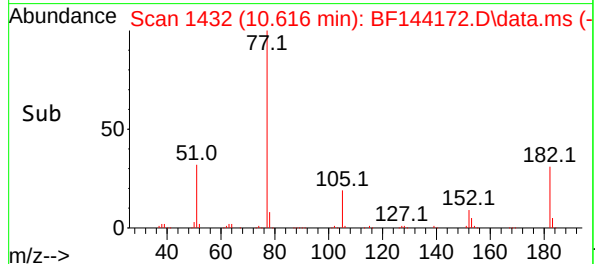
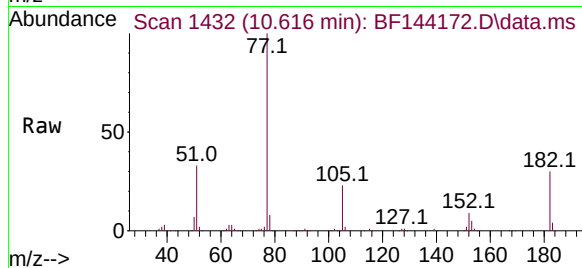




#63
Azobenzene
Concen: 20.147 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

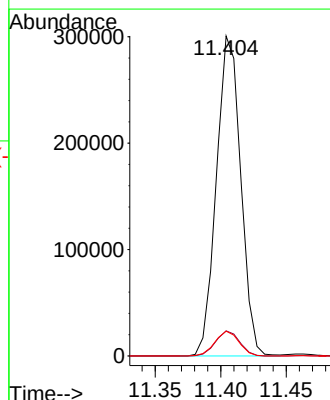
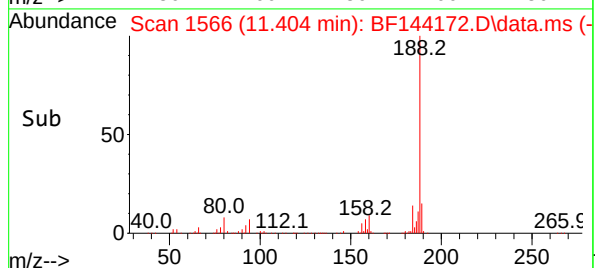
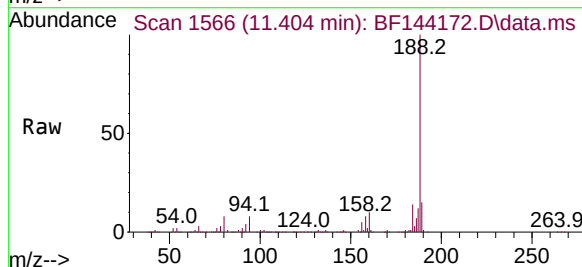
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

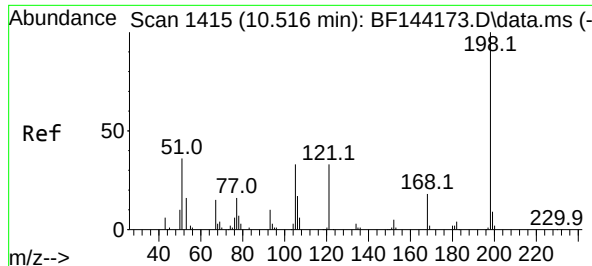
Tgt Ion:	77	Resp:	252025
Ion	Ratio	Lower	Upper
77	100		
182	30.4	8.1	48.1
105	22.8	2.0	42.0
51	33.0	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:	188	Resp:	388430
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.2
80	7.7	6.9	10.3

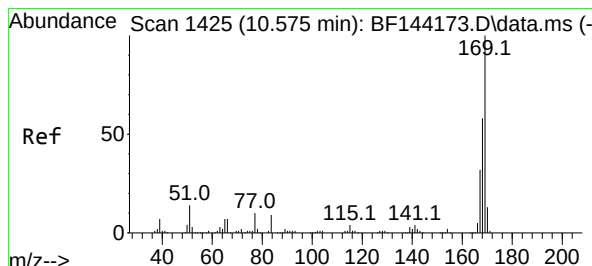
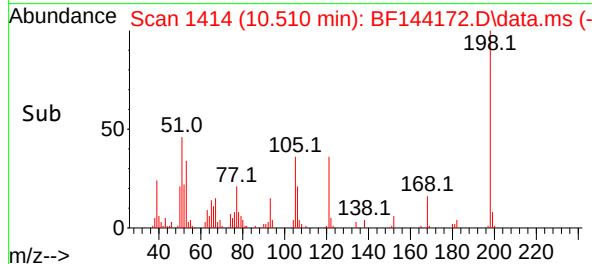
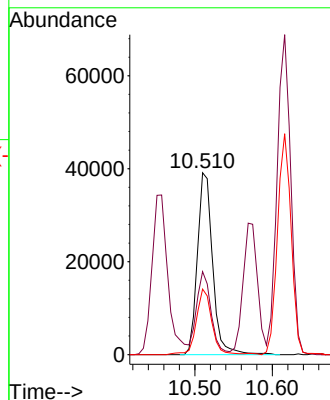
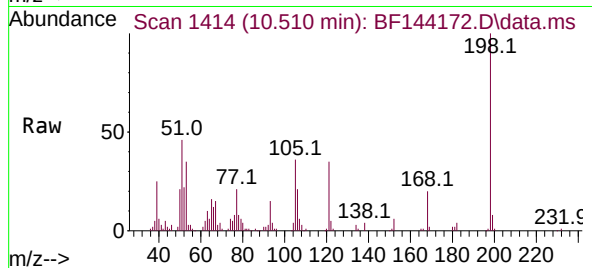




#65
4,6-Dinitro-2-methylphenol
Concen: 20.307 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

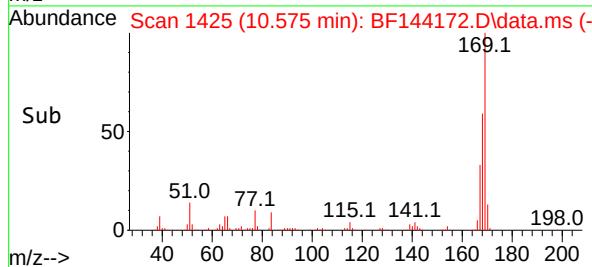
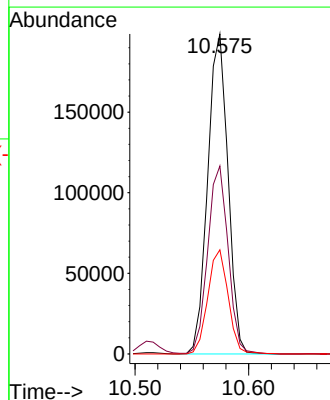
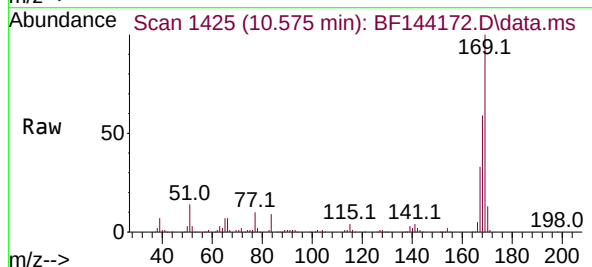
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

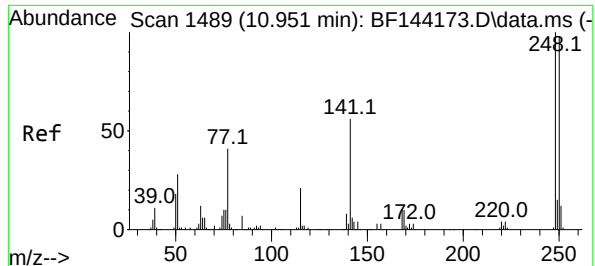
Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.6	25.6	65.6
105	36.0	14.6	54.6



#66
n-Nitrosodiphenylamine
Concen: 19.743 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	58.7	46.2	69.2
167	32.5	25.7	38.5

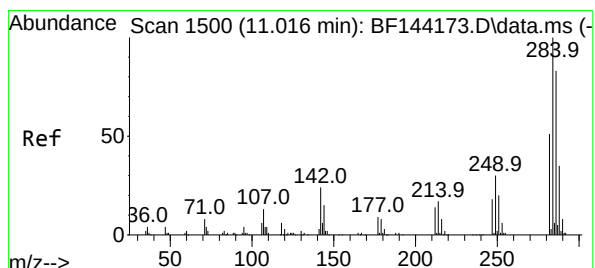
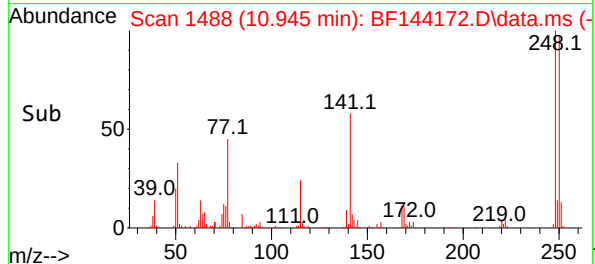
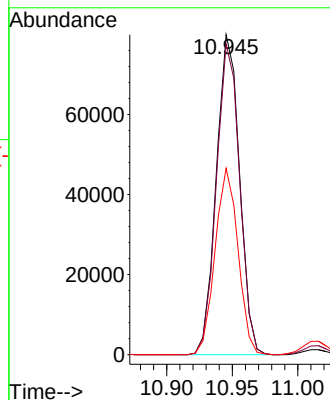
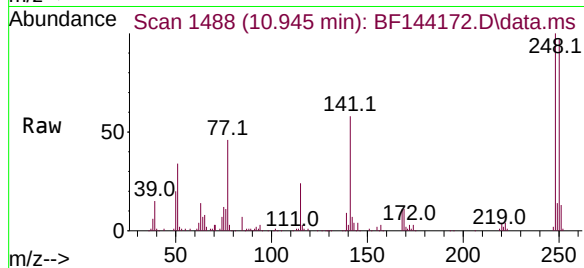




#67
4-Bromophenyl-phenylether
Concen: 19.959 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

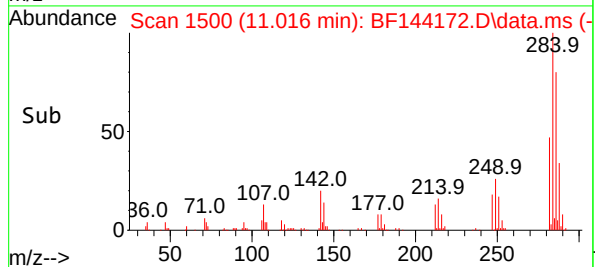
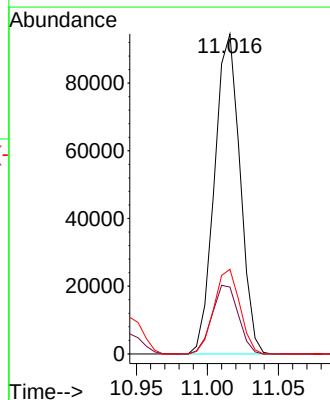
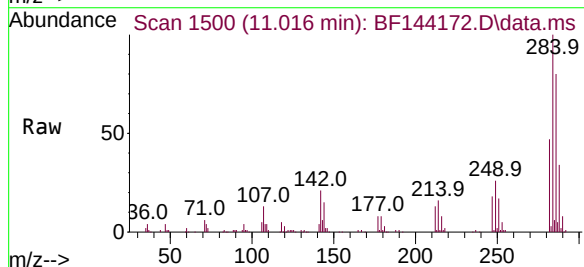
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

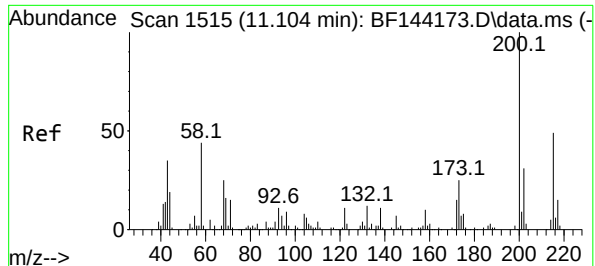
Tgt Ion:248 Resp: 98958
Ion Ratio Lower Upper
248 100
250 97.1 78.4 117.6
141 58.2 45.1 67.7



#68
Hexachlorobenzene
Concen: 20.279 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:284 Resp: 118426
Ion Ratio Lower Upper
284 100
142 20.9 19.2 28.8
249 26.4 23.8 35.8





#69

Atrazine

Concen: 21.052 ng

RT: 11.098 min Scan# 1515

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

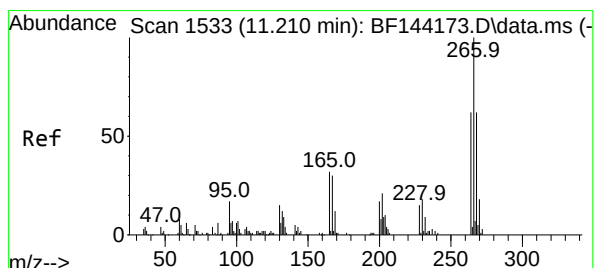
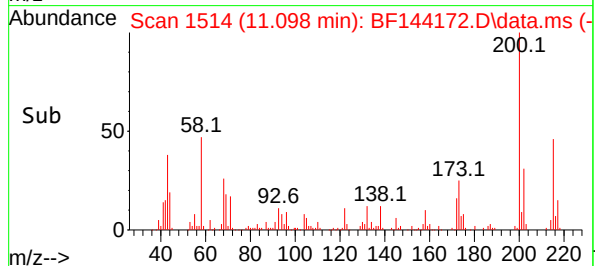
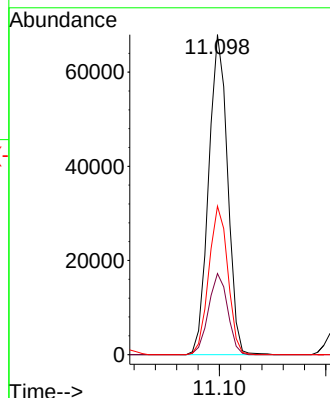
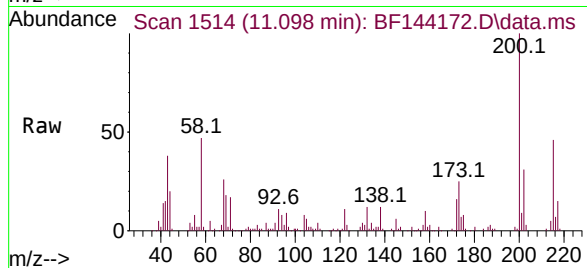
Tgt Ion:200 Resp: 83639

Ion Ratio Lower Upper

200 100

173 25.3 5.0 45.0

215 46.4 28.7 68.7



#70

Pentachlorophenol

Concen: 19.177 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

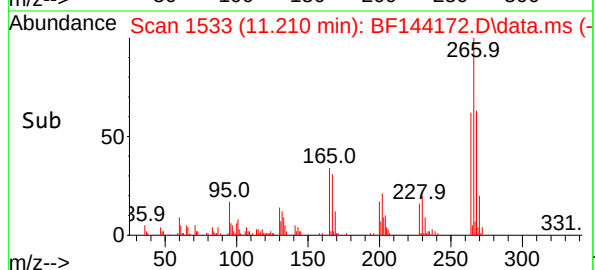
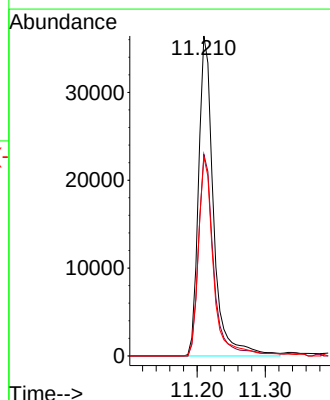
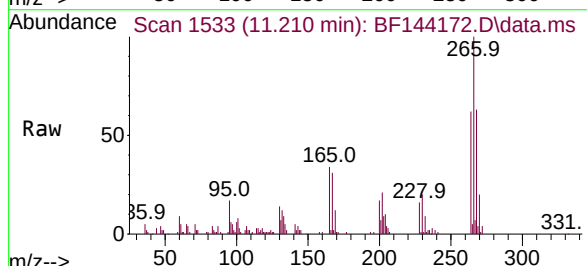
Tgt Ion:266 Resp: 55766

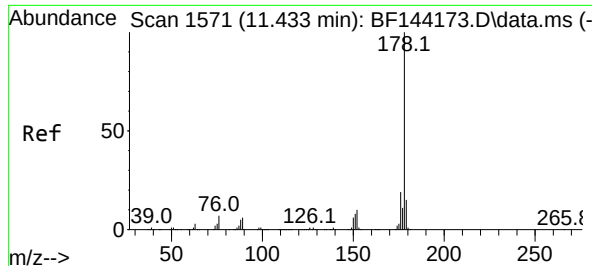
Ion Ratio Lower Upper

266 100

268 63.0 49.5 74.3

264 62.1 49.4 74.2

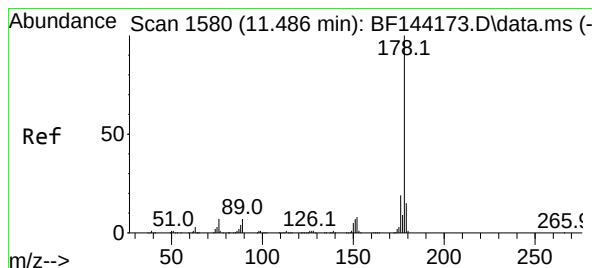
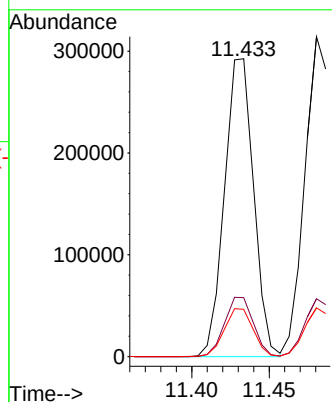
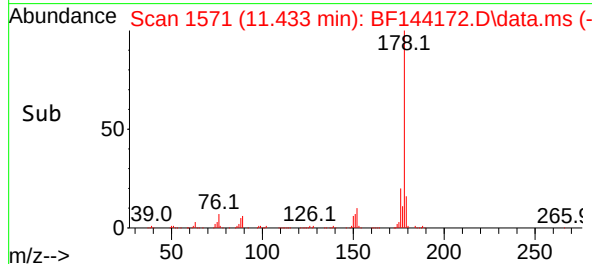
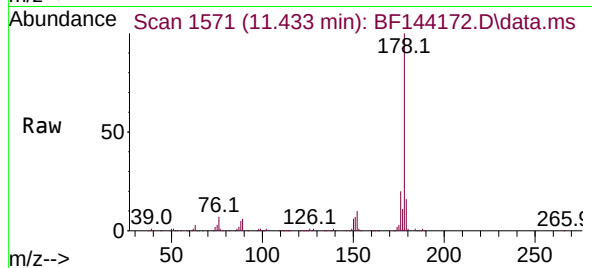




#71
Phenanthrene
Concen: 19.794 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

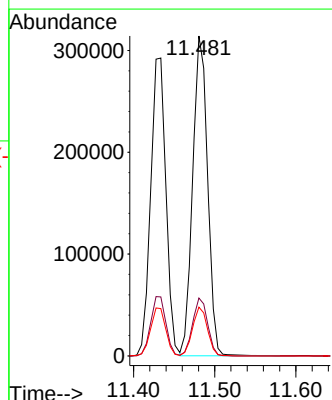
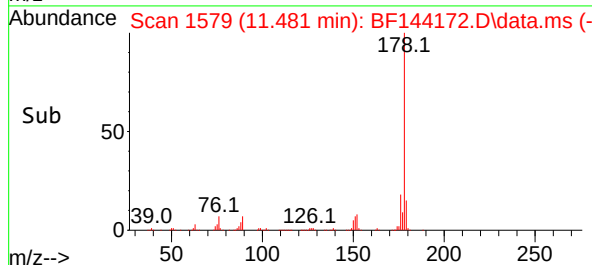
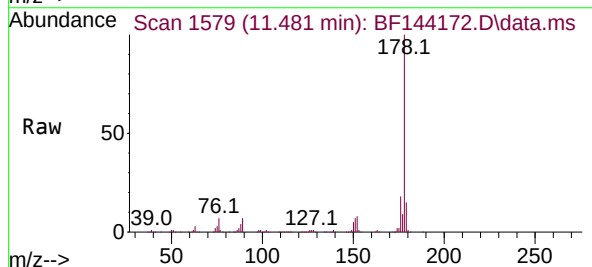
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

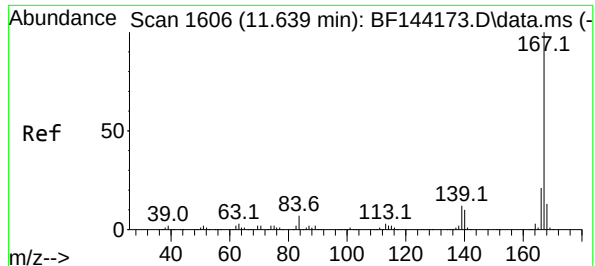
Tgt Ion:178 Resp: 382805
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.9 12.2 18.4



#72
Anthracene
Concen: 20.292 ng
RT: 11.481 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:178 Resp: 399043
Ion Ratio Lower Upper
178 100
176 18.1 15.3 22.9
179 15.3 12.0 18.0

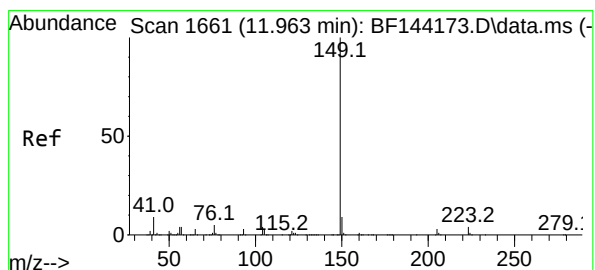
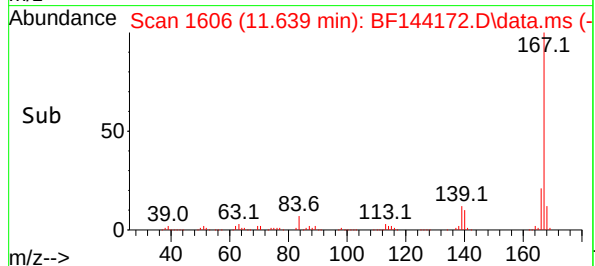
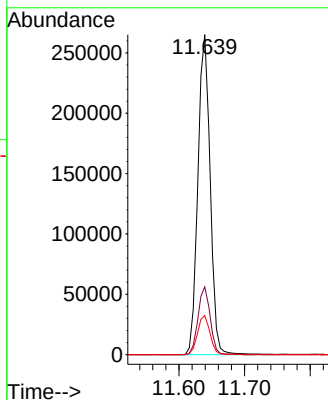
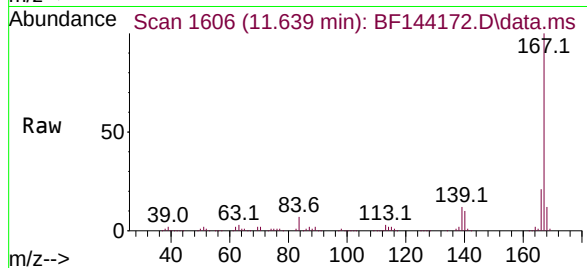




#73
Carbazole
Concen: 20.490 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

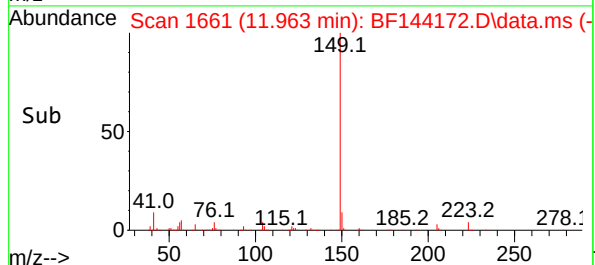
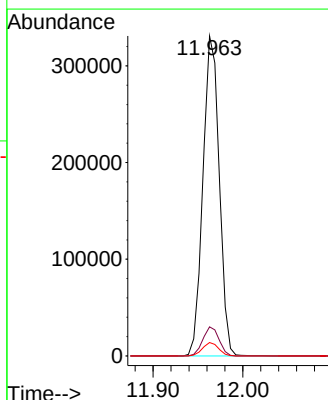
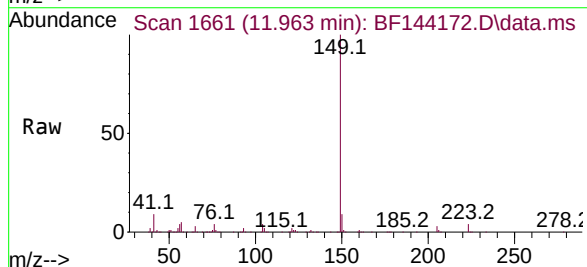
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

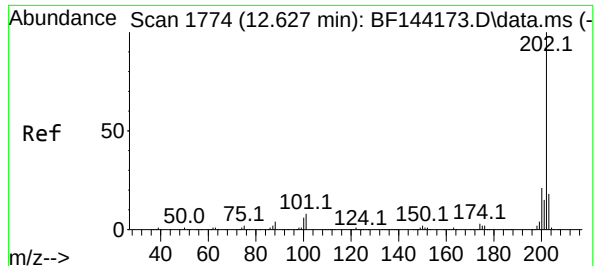
Tgt Ion:167 Resp: 342636
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 12.2 9.9 14.9



#74
Di-n-butylphthalate
Concen: 20.691 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:149 Resp: 418262
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.2 3.4 5.2

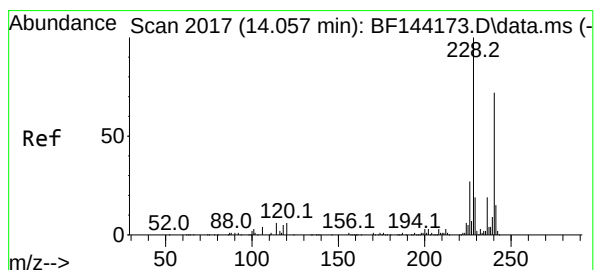
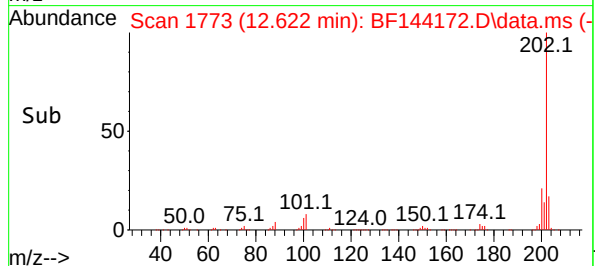
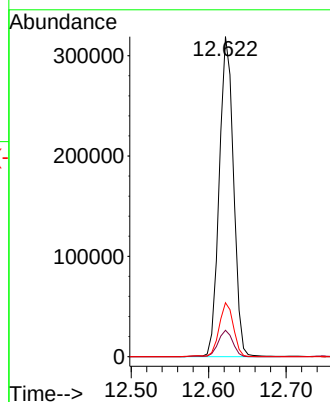
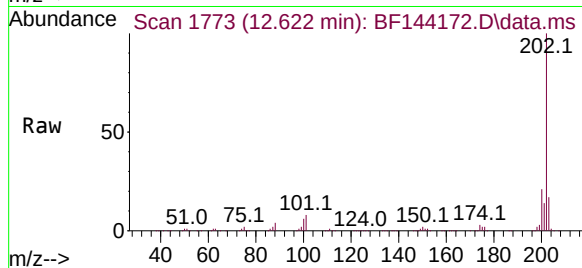




#75
Fluoranthene
Concen: 20.466 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

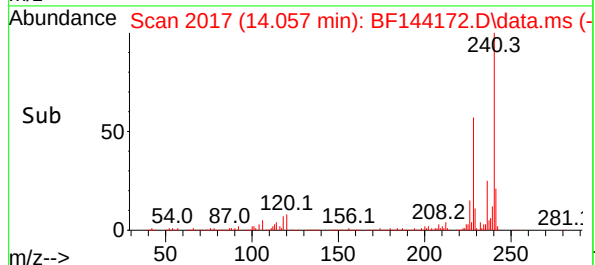
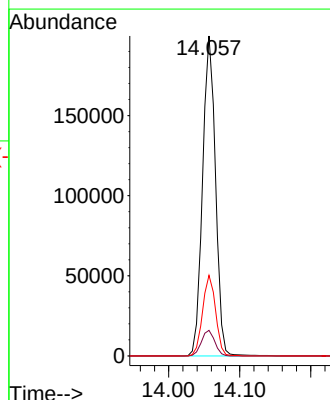
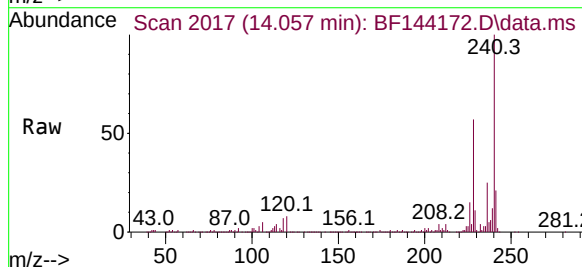
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

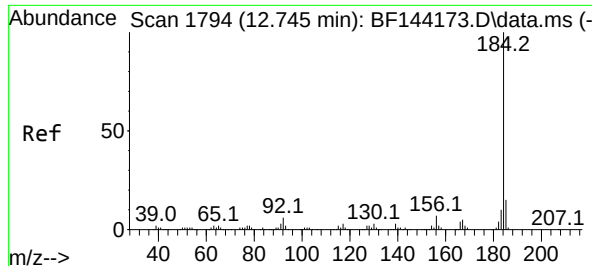
Tgt Ion:202 Resp: 408870
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.9
203 16.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:240 Resp: 250706
Ion Ratio Lower Upper
240 100
120 8.0 6.6 10.0
236 25.2 21.4 32.2





#77

Benzidine

Concen: 17.535 ng

RT: 12.745 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

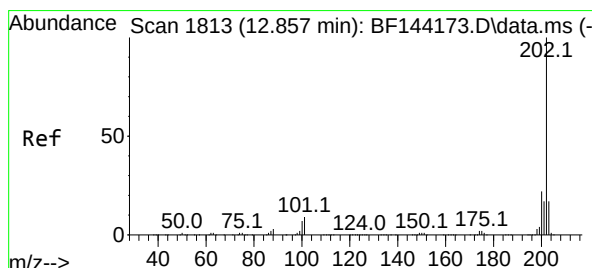
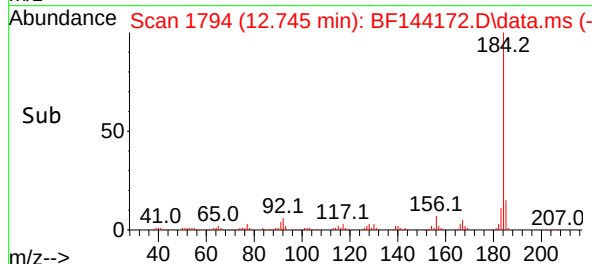
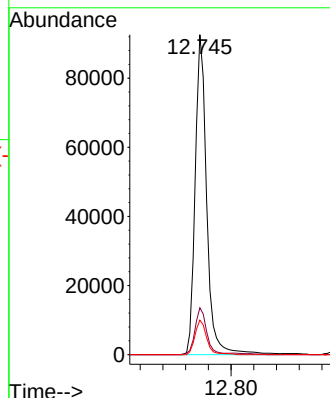
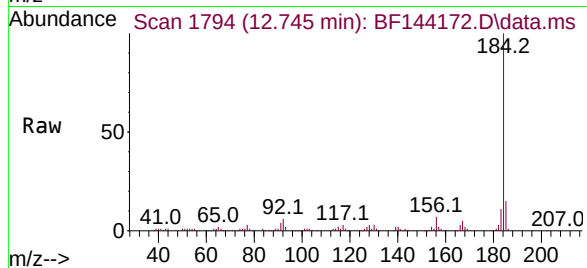
Tgt Ion:184 Resp: 130033

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 10.8 8.3 12.5



#78

Pyrene

Concen: 20.229 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

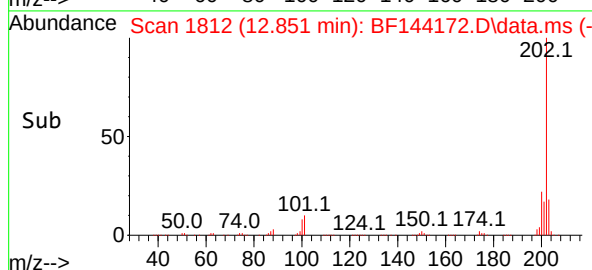
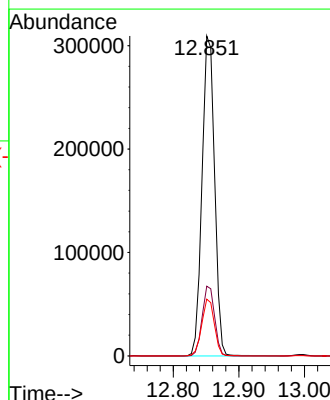
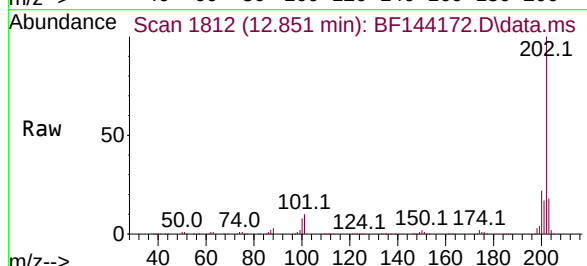
Tgt Ion:202 Resp: 408920

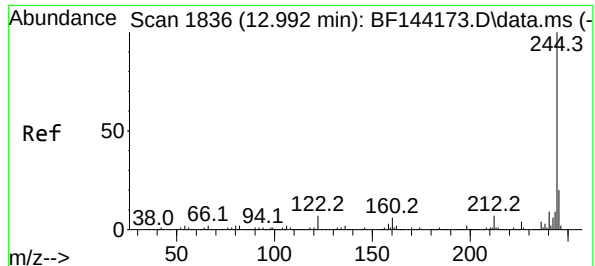
Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

203 17.7 13.7 20.5





#79

Terphenyl-d14

Concen: 40.461 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144172.D

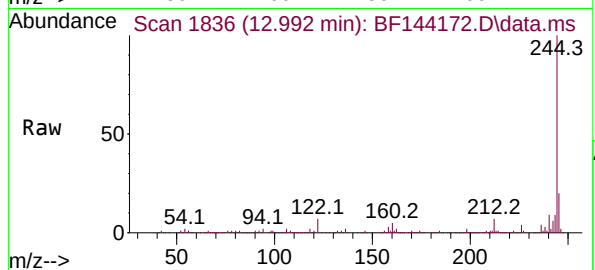
Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



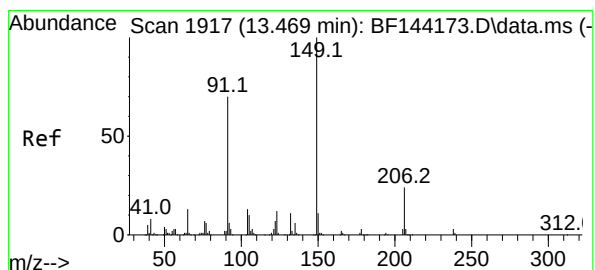
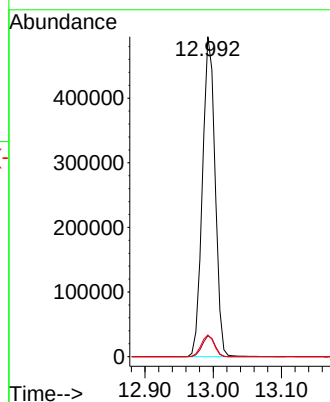
Tgt Ion:244 Resp: 638611

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 6.8 5.6 8.4



#80

Butylbenzylphthalate

Concen: 19.677 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

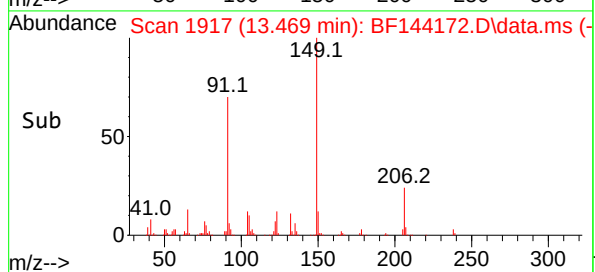
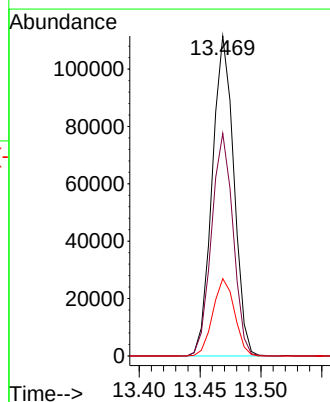
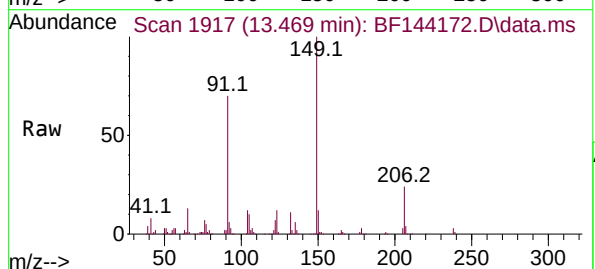
Tgt Ion:149 Resp: 137856

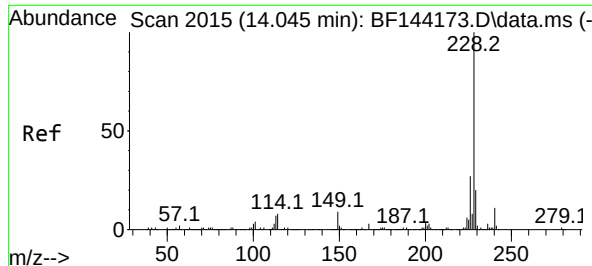
Ion Ratio Lower Upper

149 100

91 69.5 56.1 84.1

206 24.1 18.8 28.2

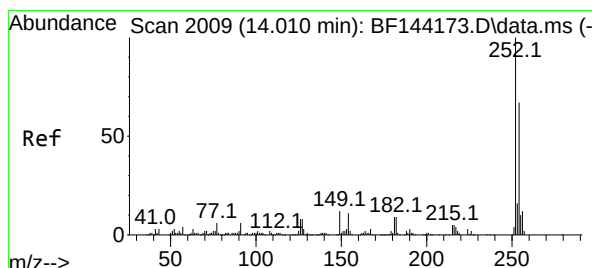
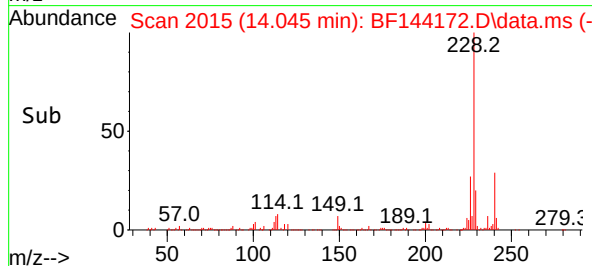
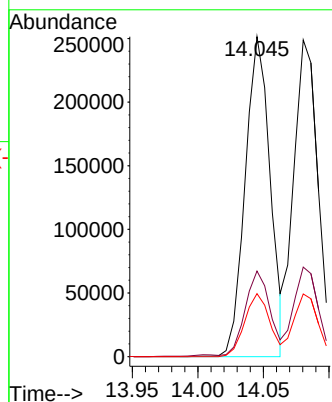
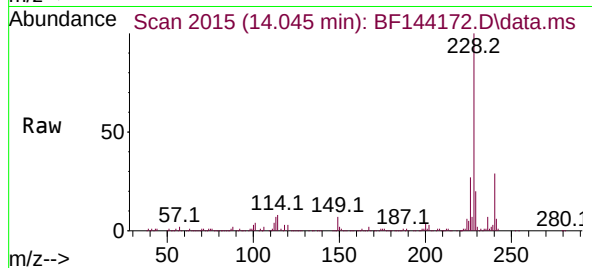




#81
Benzo(a)anthracene
Concen: 19.191 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

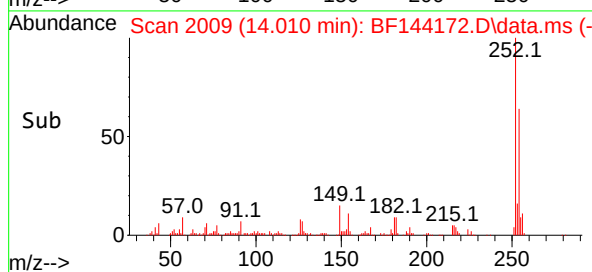
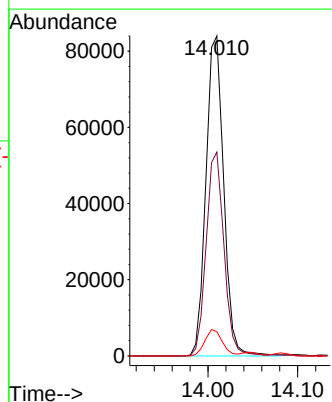
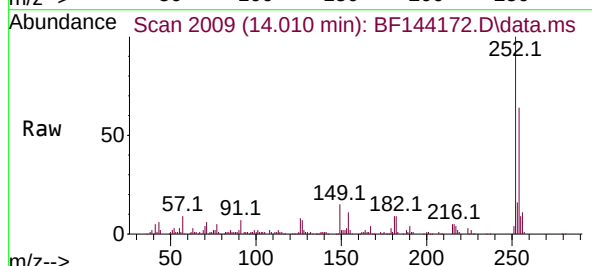
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

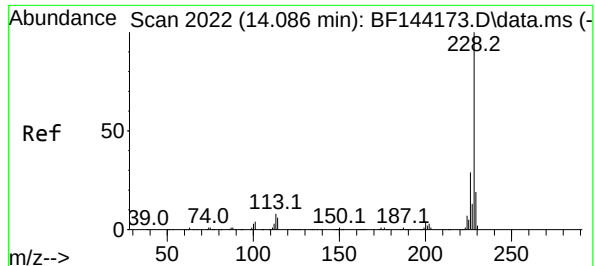
Tgt Ion:228 Resp: 333458
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 19.389 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:252 Resp: 115478
Ion Ratio Lower Upper
252 100
254 63.7 53.5 80.3
126 7.6 6.4 9.6





#83

Chrysene

Concen: 19.995 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

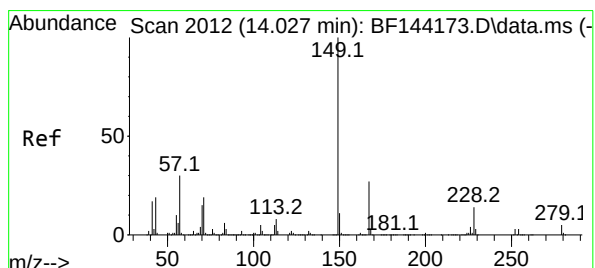
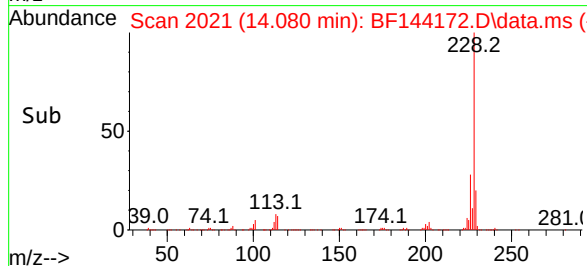
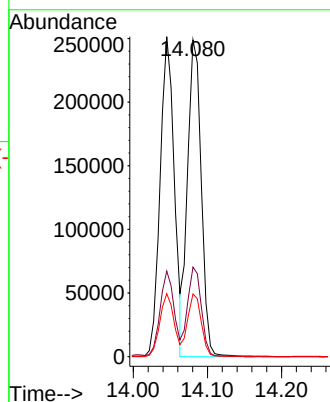
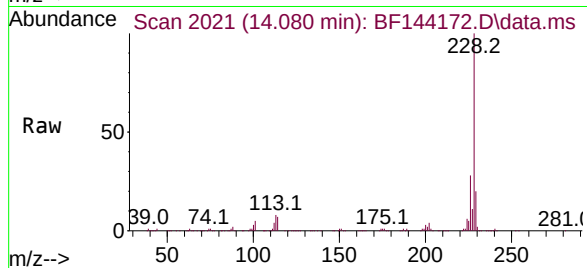
Tgt Ion:228 Resp: 320726

Ion Ratio Lower Upper

228 100

226 28.3 22.9 34.3

229 19.8 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.738 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

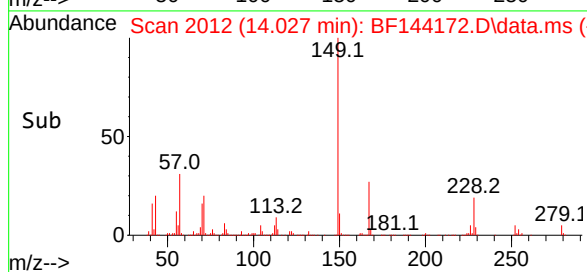
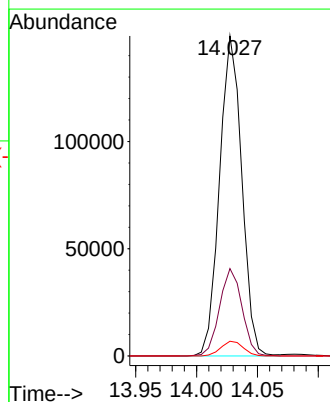
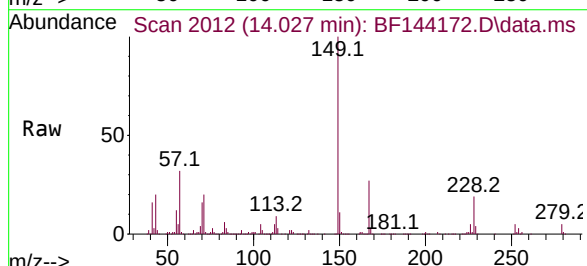
Tgt Ion:149 Resp: 189305

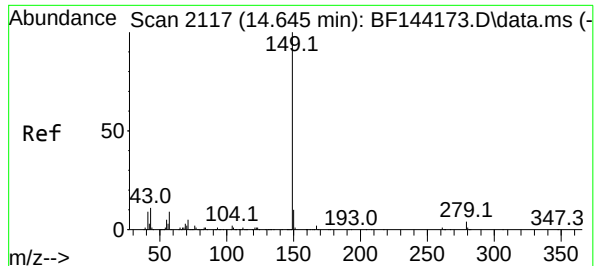
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

279 4.6 3.7 5.5

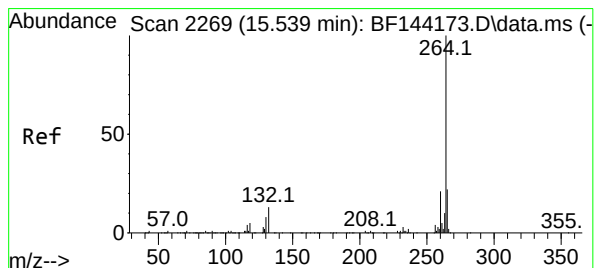
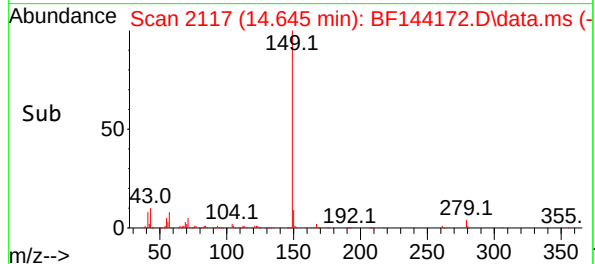
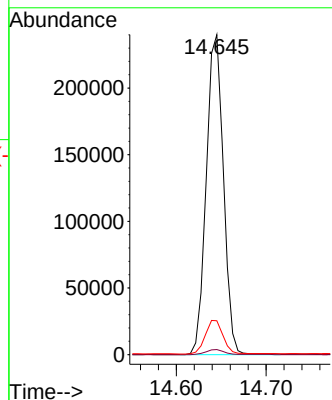
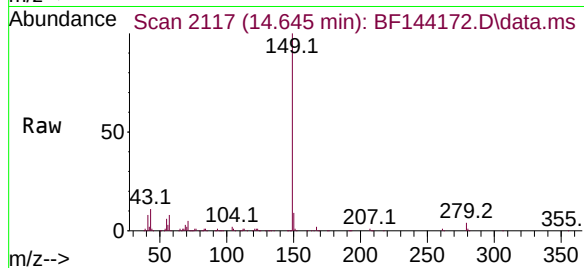




#85
Di-n-octyl phthalate
Concen: 19.268 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

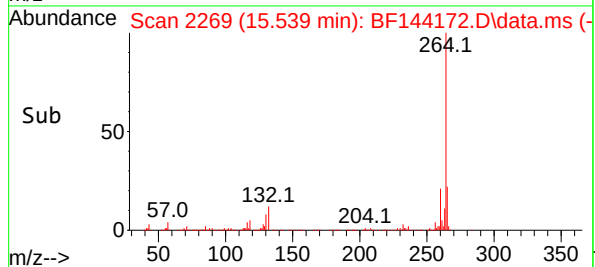
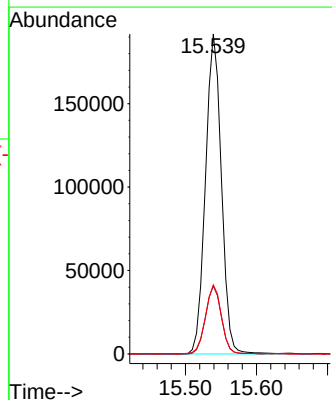
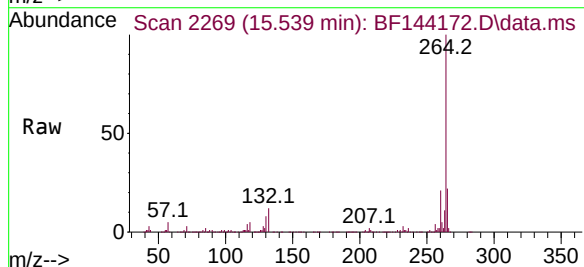
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

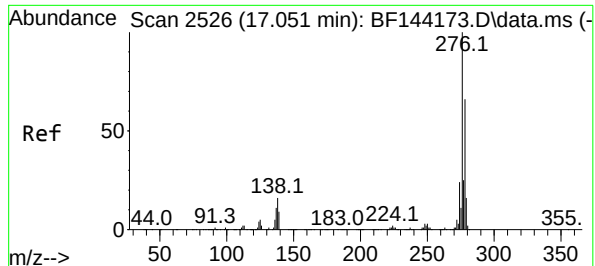
Tgt Ion:149 Resp: 318841
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.0 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:264 Resp: 297677
Ion Ratio Lower Upper
264 100
260 21.2 17.1 25.7
265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.155 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

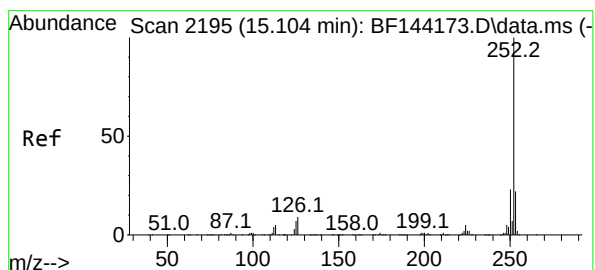
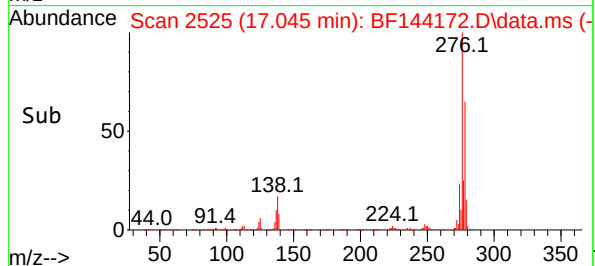
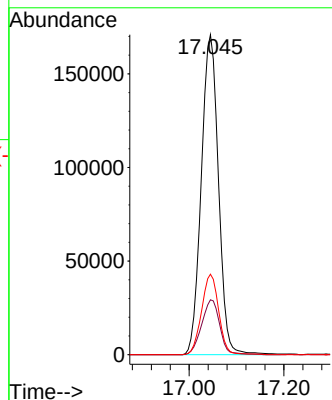
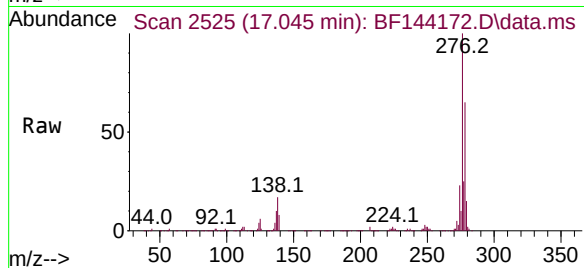
Tgt Ion:276 Resp: 430691

Ion Ratio Lower Upper

276 100

138 18.0 13.9 20.9

277 25.0 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 19.598 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

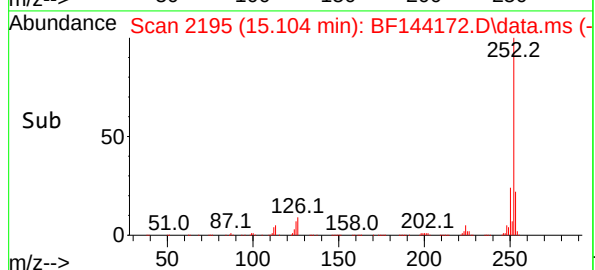
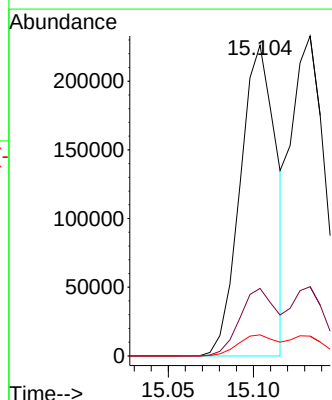
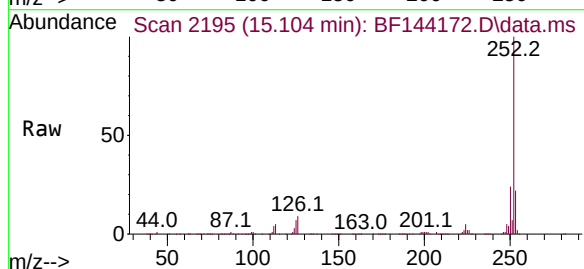
Tgt Ion:252 Resp: 331673

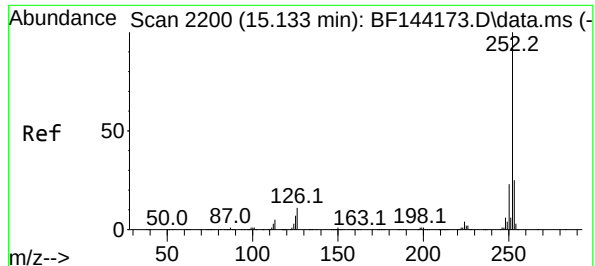
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 6.8 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 20.358 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

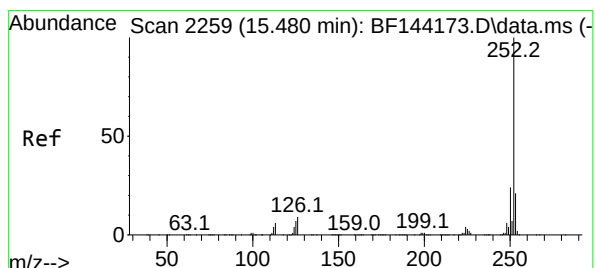
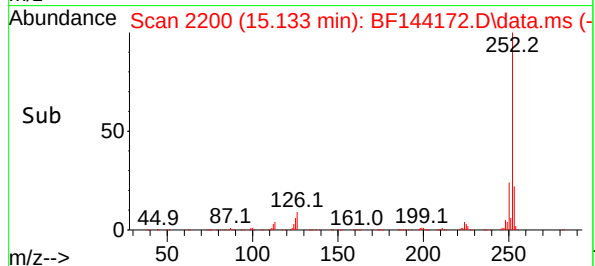
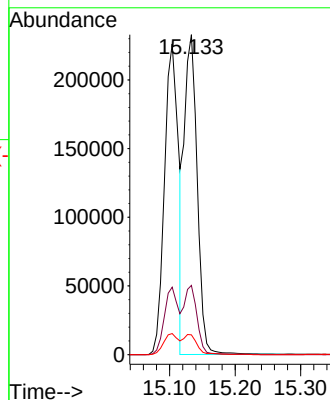
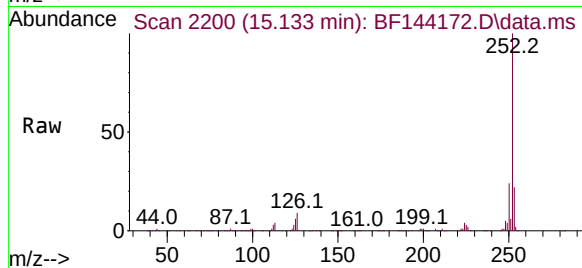
Tgt Ion:252 Resp: 322479

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 6.2 5.4 8.2



#90

Benzo(a)pyrene

Concen: 20.169 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

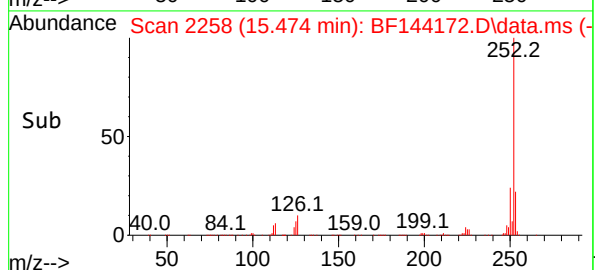
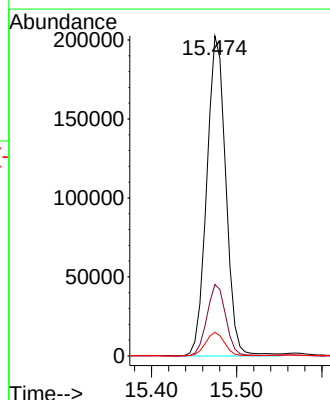
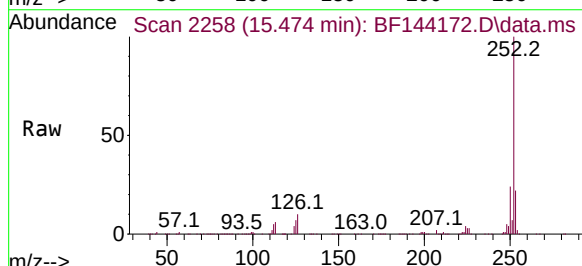
Tgt Ion:252 Resp: 314894

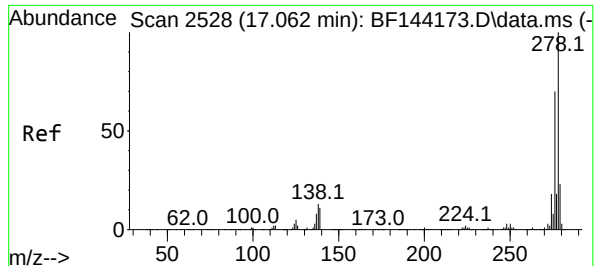
Ion Ratio Lower Upper

252 100

253 22.3 16.7 25.1

125 7.4 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 20.383 ng

RT: 17.057 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

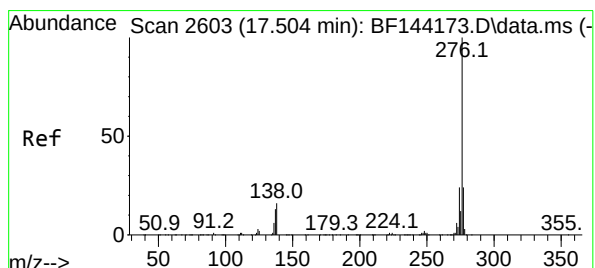
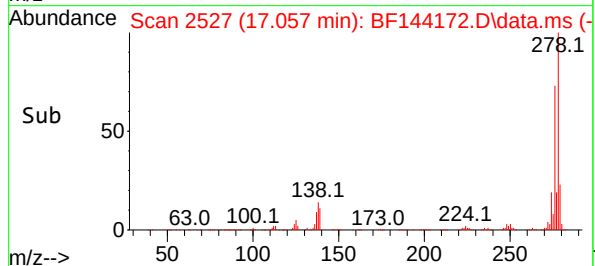
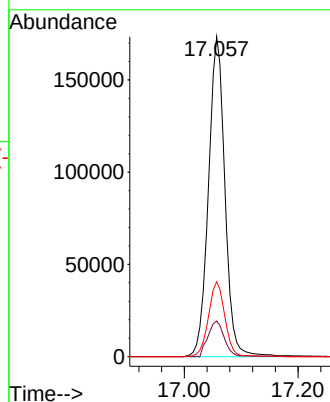
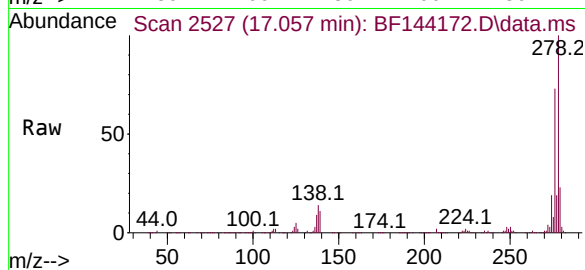
Tgt Ion:278 Resp: 349788

Ion Ratio Lower Upper

278 100

139 11.1 9.1 13.7

279 23.4 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 20.248 ng

RT: 17.498 min Scan# 2602

Delta R.T. -0.023 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

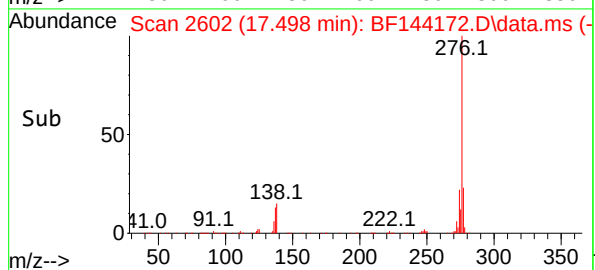
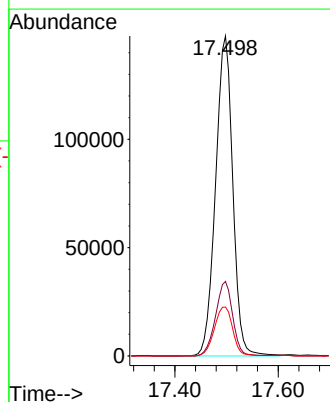
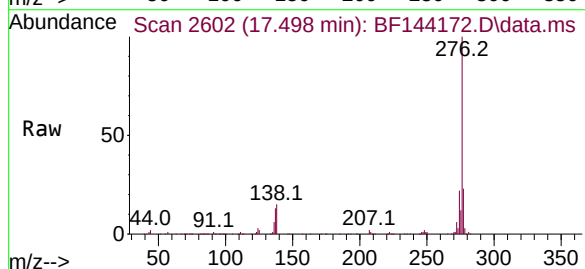
Tgt Ion:276 Resp: 343144

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 15.3 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144173.D
 Acq On : 05 Nov 2025 14:50
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69901	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	262306	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	148823	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	257329	20.000	ng	0.00
76) Chrysene-d12	14.057	240	162650	20.000	ng	0.00
86) Perylene-d12	15.539	264	208923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	367722	82.322	ng	0.00
7) Phenol-d6	6.504	99	408339	80.678	ng	0.00
23) Nitrobenzene-d5	7.440	82	377687	83.160	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	157795	84.493	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	803464	79.737	ng	0.00
79) Terphenyl-d14	12.992	244	856515	83.645	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.605	88	77384	41.903	ng	100
3) Pyridine	3.375	79	212533	41.251	ng	100
4) n-Nitrosodimethylamine	3.322	42	108374	40.269	ng	100
6) Aniline	6.540	93	288906	40.064	ng	100
8) 2-Chlorophenol	6.657	128	179075	40.879	ng	100
9) Benzaldehyde	6.428	77	114062	39.909	ng	100
10) Phenol	6.516	94	259703	41.997	ng	100
11) bis(2-Chloroethyl)ether	6.610	93	184041	40.844	ng	100
12) 1,3-Dichlorobenzene	6.816	146	215469	39.861	ng	100
13) 1,4-Dichlorobenzene	6.893	146	222488	41.084	ng	100
14) 1,2-Dichlorobenzene	7.045	146	207631	40.001	ng	100
15) Benzyl Alcohol	7.016	79	162316	40.501	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	338078	40.743	ng	100
17) 2-Methylphenol	7.128	107	144386	41.431	ng	100
18) Hexachloroethane	7.387	117	74377	41.339	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	132769	39.848	ng	100
20) 3+4-Methylphenols	7.281	107	169917	41.361	ng	100
22) Acetophenone	7.287	105	227627	40.452	ng	100
24) Nitrobenzene	7.457	77	203520	41.272	ng	100
25) Isophorone	7.692	82	352919	41.082	ng	100
26) 2-Nitrophenol	7.775	139	103181	42.269	ng	100
27) 2,4-Dimethylphenol	7.810	122	156535	42.784	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	221900	41.364	ng	100
29) 2,4-Dichlorophenol	8.016	162	173779	41.210	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	176777	40.825	ng	100
31) Naphthalene	8.181	128	508521	40.755	ng	100
32) Benzoic acid	7.916	122	94209	35.128	ng	100
33) 4-Chloroaniline	8.228	127	190054	41.763	ng	100
34) Hexachlorobutadiene	8.292	225	135990	41.671	ng	100
35) Caprolactam	8.598	113	48459	41.945	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	155844	41.237	ng	100
37) 2-Methylnaphthalene	8.869	142	339639	40.712	ng	100
38) 1-Methylnaphthalene	8.969	142	325483	40.435	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	200998	41.210	ng	100
41) Hexachlorocyclopentadiene	9.022	237	59520	39.991	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	135691	40.875	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144173.D
 Acq On : 05 Nov 2025 14:50
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

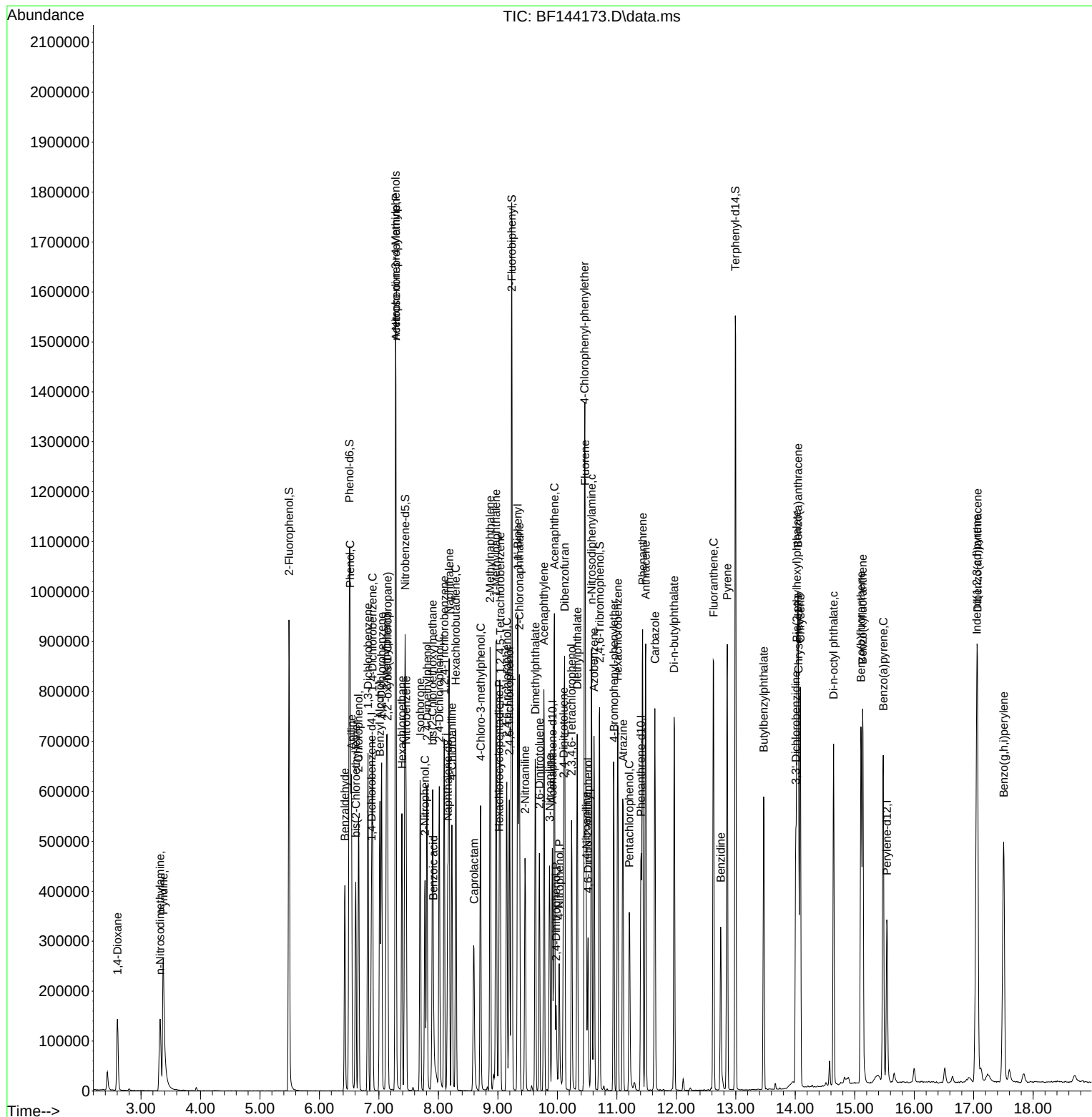
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	145405	40.641	ng	100
46) 1,1'-Biphenyl	9.334	154	419119	40.345	ng	100
47) 2-Chloronaphthalene	9.363	162	358514	40.458	ng	100
48) 2-Nitroaniline	9.457	65	107536	42.059	ng	100
49) Acenaphthylene	9.775	152	489708	40.553	ng	100
50) Dimethylphthalate	9.628	163	400479	40.620	ng	100
51) 2,6-Dinitrotoluene	9.698	165	82166	41.169	ng	100
52) Acenaphthene	9.951	154	326285	40.406	ng	100
53) 3-Nitroaniline	9.869	138	93636	42.918	ng	100
54) 2,4-Dinitrophenol	9.981	184	41716	34.614	ng	100
55) Dibenzofuran	10.122	168	461538	40.810	ng	100
56) 4-Nitrophenol	10.034	139	60643	38.426	ng	100
57) 2,4-Dinitrotoluene	10.104	165	114508	42.858	ng	100
58) Fluorene	10.469	166	351182	40.841	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	106411	42.037	ng	100
60) Diethylphthalate	10.334	149	373187	41.061	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	203750	41.598	ng	100
62) 4-Nitroaniline	10.486	138	85679	41.237	ng	100
63) Azobenzene	10.616	77	346367	40.948	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	67029	38.343	ng	100
66) n-Nitrosodiphenylamine	10.575	169	332623	40.189	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	135319	41.198	ng	100
68) Hexachlorobenzene	11.016	284	154532	39.943	ng	100
69) Atrazine	11.104	200	105912	40.239	ng	100
70) Pentachlorophenol	11.210	266	80306	41.685	ng	100
71) Phenanthrene	11.433	178	519052	40.513	ng	100
72) Anthracene	11.486	178	525954	40.372	ng	100
73) Carbazole	11.639	167	451935	40.796	ng	100
74) Di-n-butylphthalate	11.963	149	550628	41.117	ng	100
75) Fluoranthene	12.627	202	542525	40.992	ng	100
77) Benzidine	12.745	184	202921	42.178	ng	100
78) Pyrene	12.857	202	554374	42.272	ng	100
80) Butylbenzylphthalate	13.469	149	191850	42.209	ng	100
81) Benzo(a)anthracene	14.045	228	465201	41.267	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	156957	40.620	ng	100
83) Chrysene	14.086	228	456347	43.853	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	265384	42.651	ng	100
85) Di-n-octyl phthalate	14.645	149	458823	42.739	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	620668	41.385	ng	100
88) Benzo(b)fluoranthene	15.104	252	515192	43.375	ng	100
89) Benzo(k)fluoranthene	15.133	252	435087	39.135	ng	100
90) Benzo(a)pyrene	15.480	252	449869	41.055	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	500778	41.578	ng	100
92) Benzo(g,h,i)perylene	17.504	276	497680	41.843	ng	100

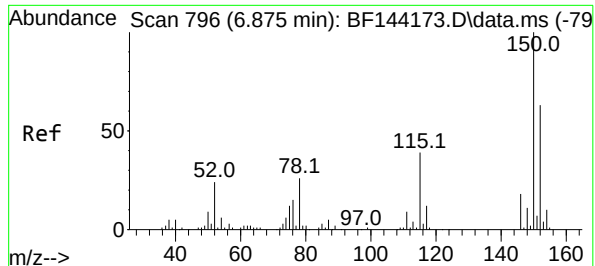
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\  
Data File : BF144173.D  
Acq On    : 05 Nov 2025  14:50  
Operator  : RC/JU  
Sample    : SSTDICCC040  
Misc      :  
ALS Vial  : 6    Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

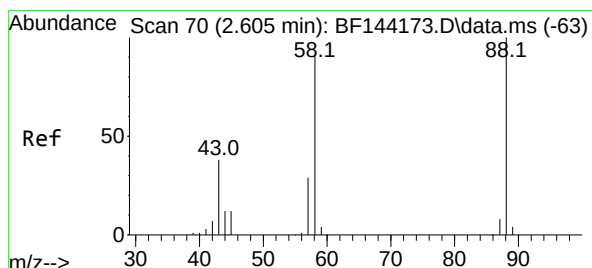
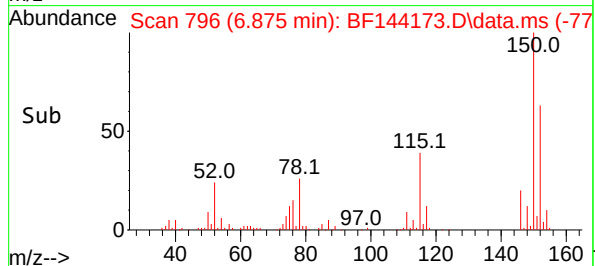
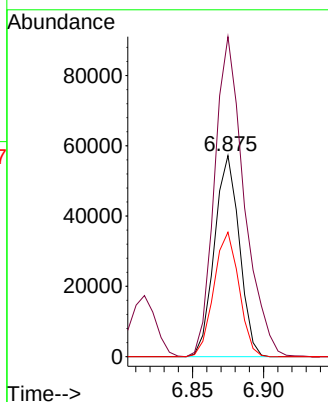
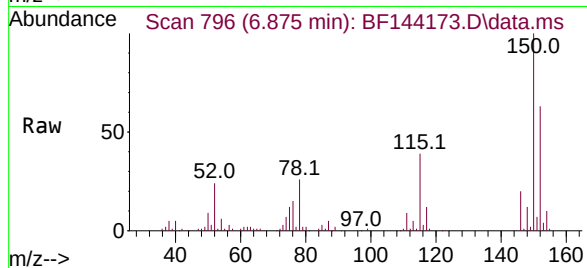




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

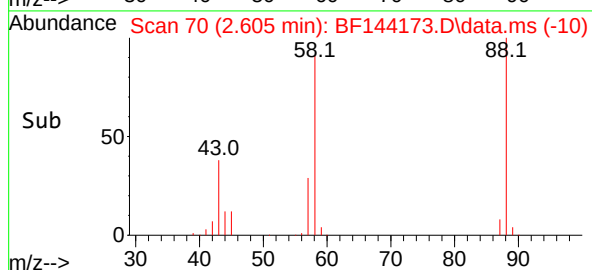
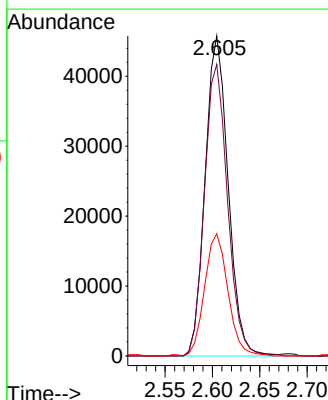
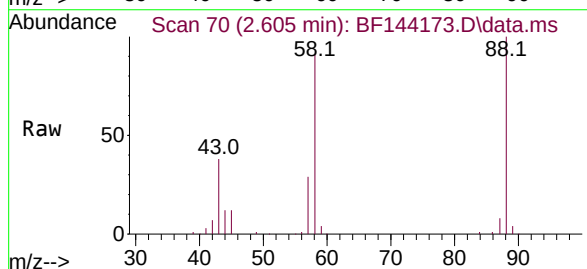
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

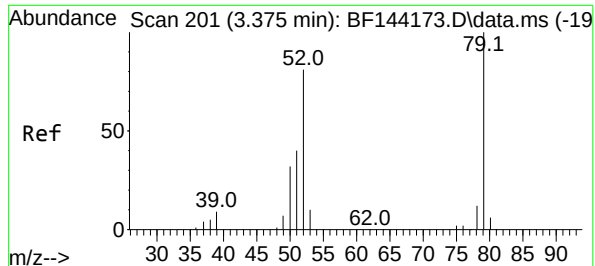
Tgt Ion:152 Resp: 69901
Ion Ratio Lower Upper
152 100
150 159.2 127.4 191.0
115 61.9 49.5 74.3



#2
1,4-Dioxane
Concen: 41.903 ng
RT: 2.605 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 88 Resp: 77384
Ion Ratio Lower Upper
88 100
58 91.4 73.1 109.7
43 38.8 31.0 46.6





#3

Pyridine

Concen: 41.251 ng

RT: 3.375 min Scan# 201

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

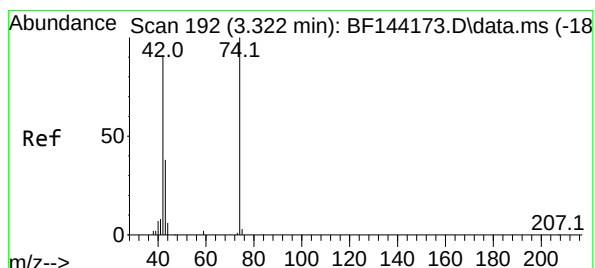
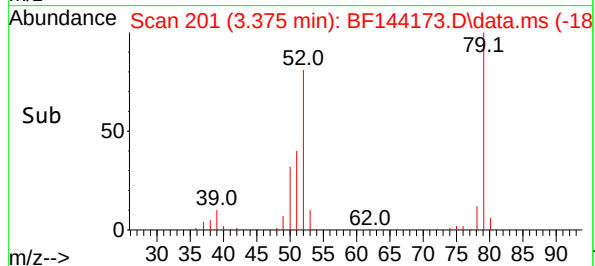
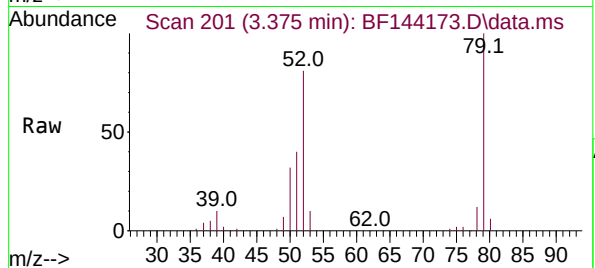
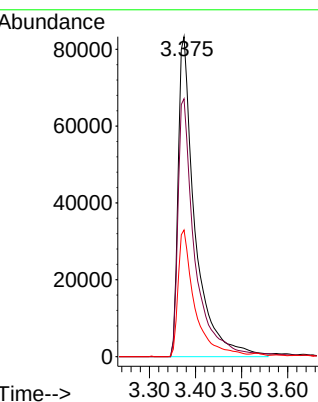
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 212533

Ion	Ratio	Lower	Upper
79	100		
52	80.6	64.5	96.7
51	39.6	31.7	47.5



#4

n-Nitrosodimethylamine

Concen: 40.269 ng

RT: 3.322 min Scan# 192

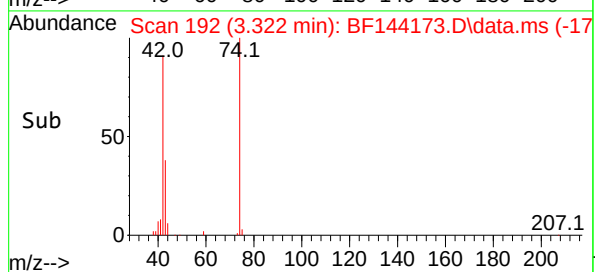
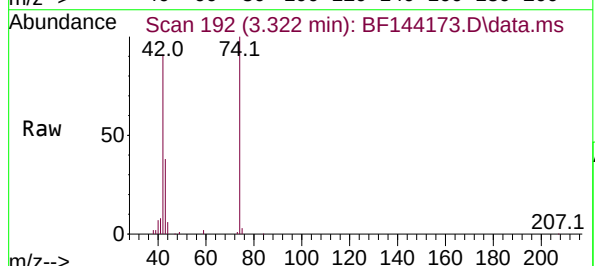
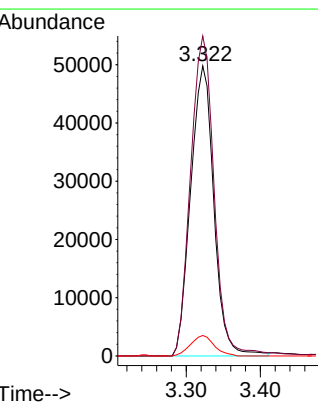
Delta R.T. -0.023 min

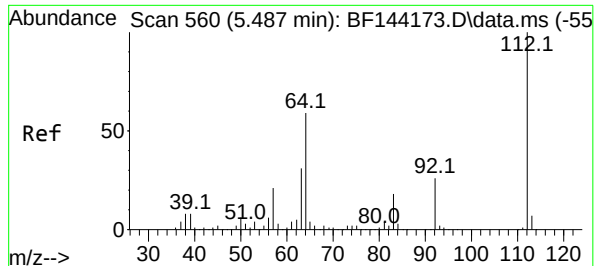
Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Tgt Ion: 42 Resp: 108374

Ion	Ratio	Lower	Upper
42	100		
74	110.3	88.2	132.4
44	7.1	5.7	8.5

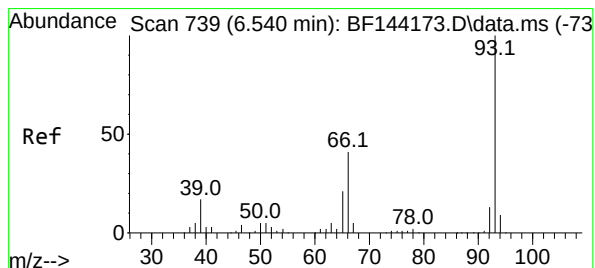
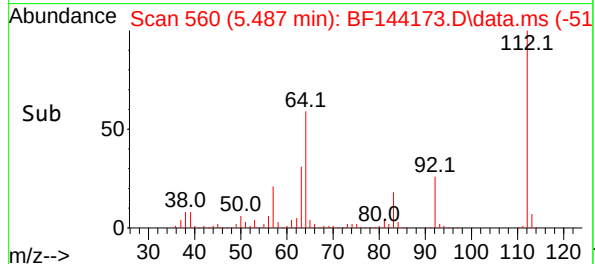
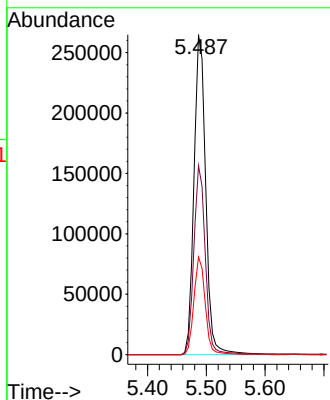
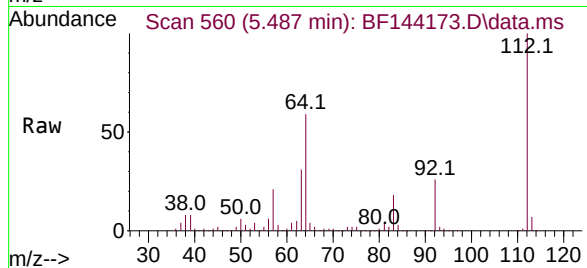




#5
2-Fluorophenol
Concen: 82.322 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

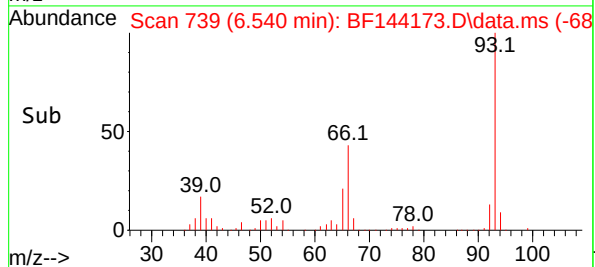
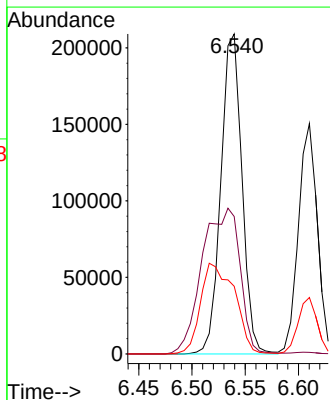
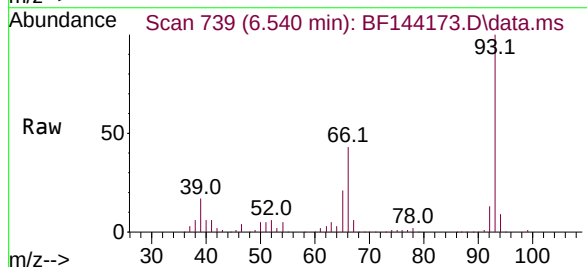
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

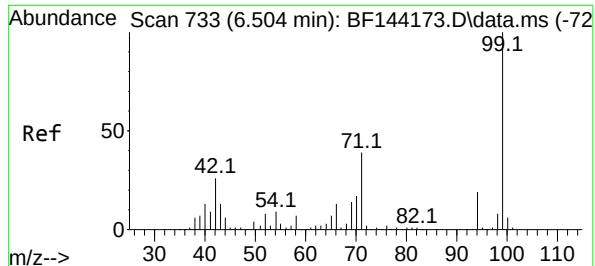
Tgt Ion:112 Resp: 367722
Ion Ratio Lower Upper
112 100
64 59.0 47.2 70.8
63 30.5 24.4 36.6



#6
Aniline
Concen: 40.064 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 93 Resp: 288906
Ion Ratio Lower Upper
93 100
66 42.9 34.3 51.5
65 21.1 16.9 25.3

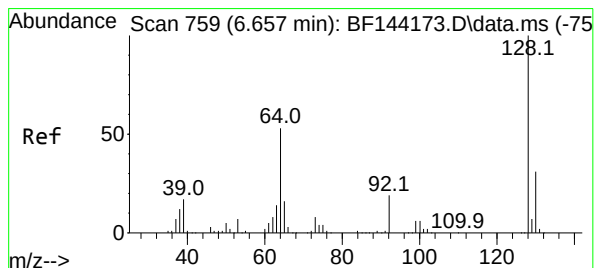
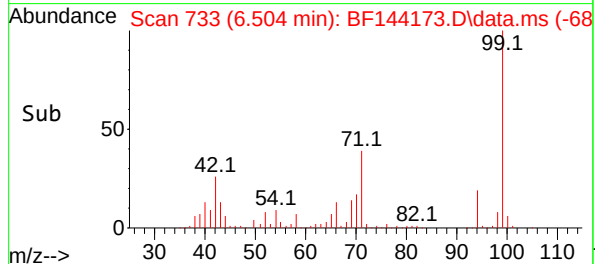
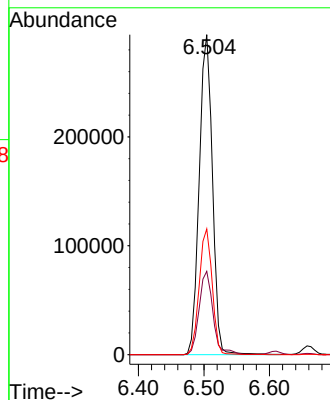
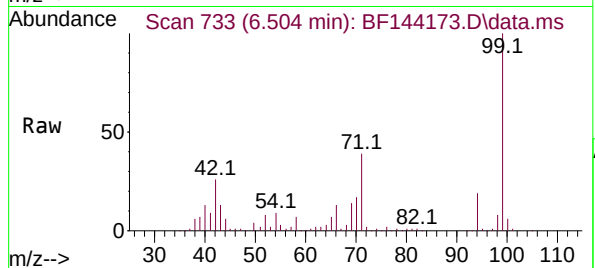




#7
Phenol-d6
Concen: 80.678 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

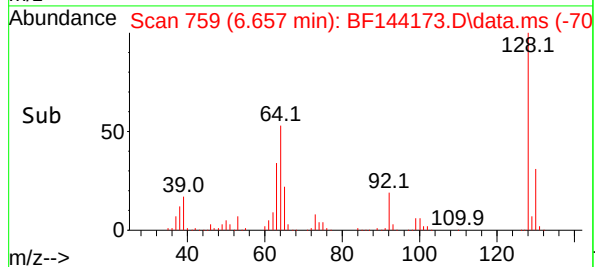
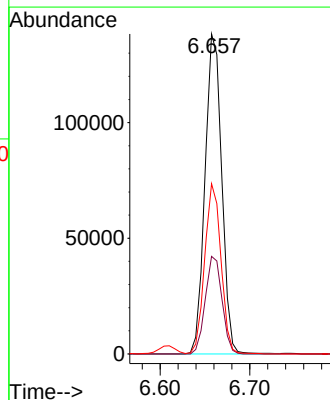
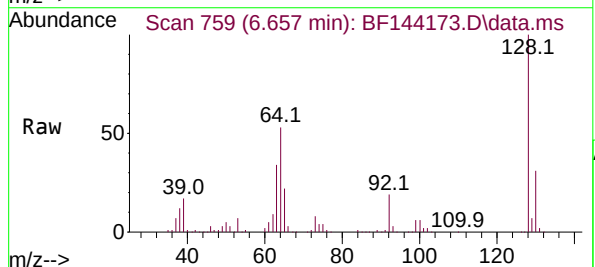
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

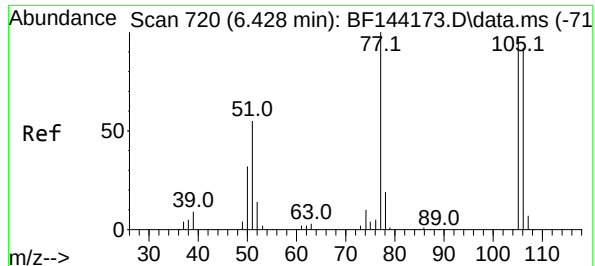
Tgt Ion: 99 Resp: 408339
Ion Ratio Lower Upper
99 100
42 26.1 20.9 31.3
71 39.3 31.4 47.2



#8
2-Chlorophenol
Concen: 40.879 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 128 Resp: 179075
Ion Ratio Lower Upper
128 100
130 30.5 10.5 50.5
64 53.2 33.2 73.2





#9

Benzaldehyde

Concen: 39.909 ng

RT: 6.428 min Scan# 720

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

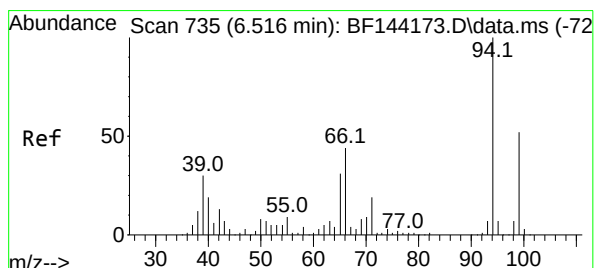
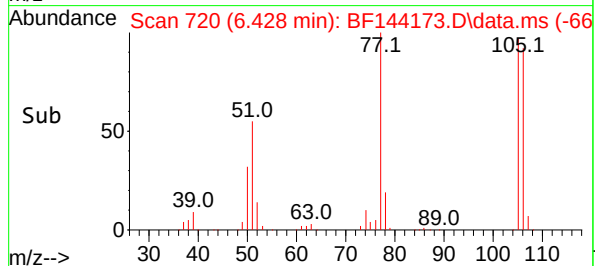
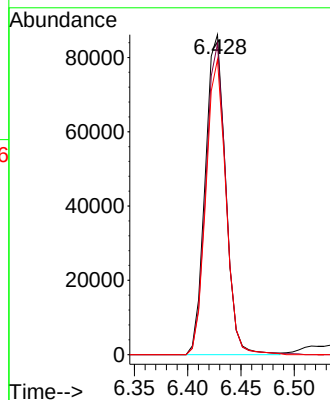
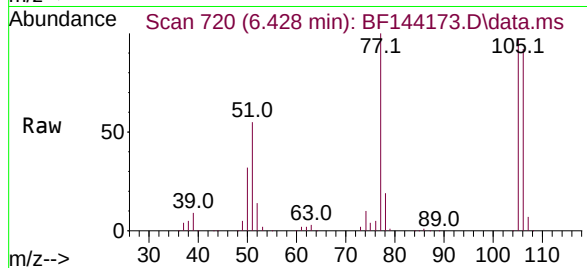
Tgt Ion: 77 Resp: 114062

Ion Ratio Lower Upper

77 100

105 97.2 77.2 117.2

106 92.2 72.2 112.2



#10

Phenol

Concen: 41.997 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

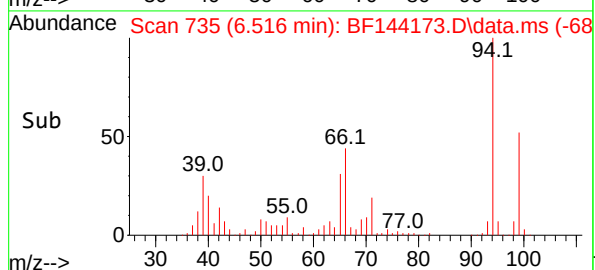
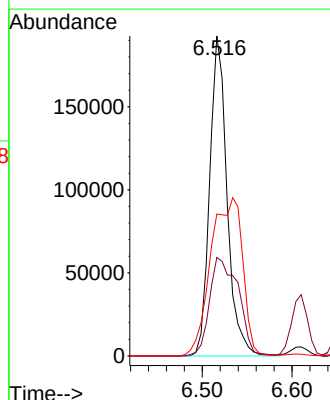
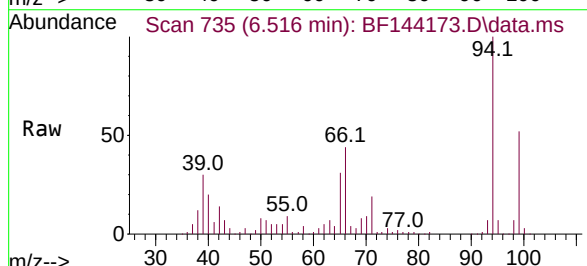
Tgt Ion: 94 Resp: 259703

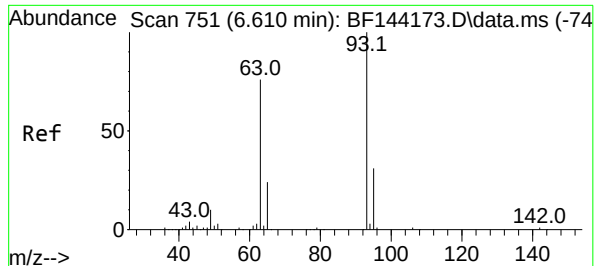
Ion Ratio Lower Upper

94 100

65 30.8 10.8 50.8

66 44.3 24.3 64.3





#11

bis(2-Chloroethyl)ether

Concen: 40.844 ng

RT: 6.610 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

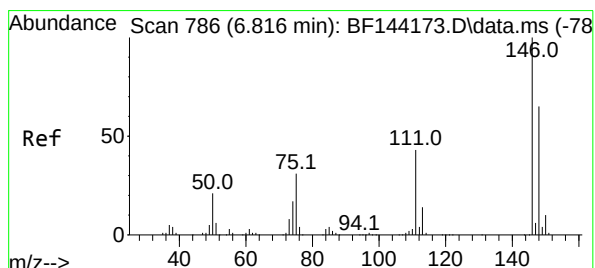
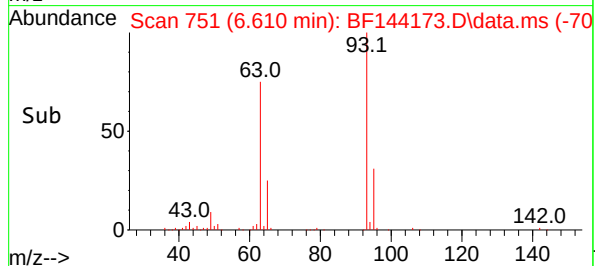
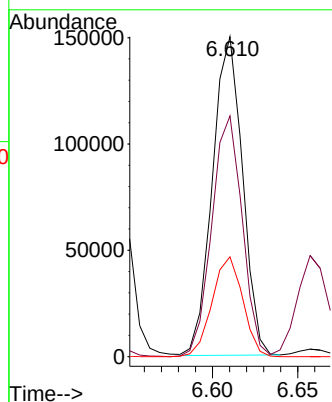
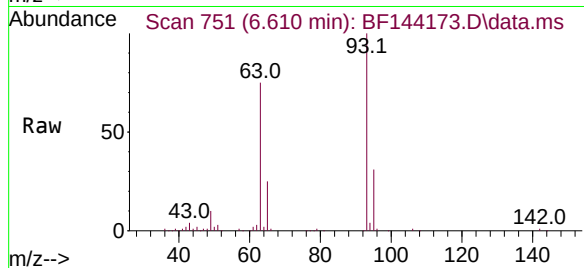
Tgt Ion: 93 Resp: 184041

Ion Ratio Lower Upper

93 100

63 75.2 55.2 95.2

95 31.2 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 39.861 ng

RT: 6.816 min Scan# 786

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

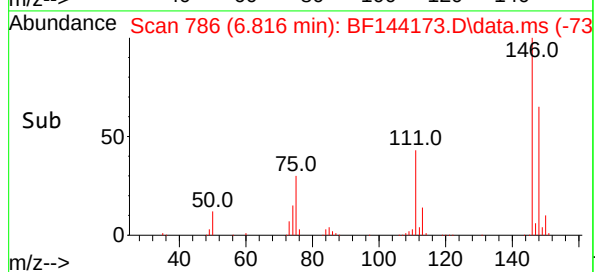
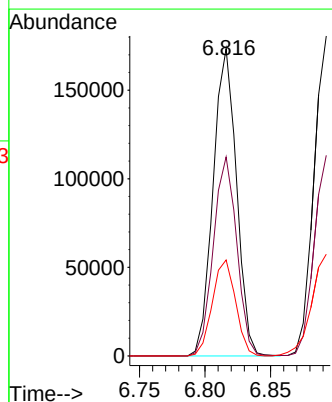
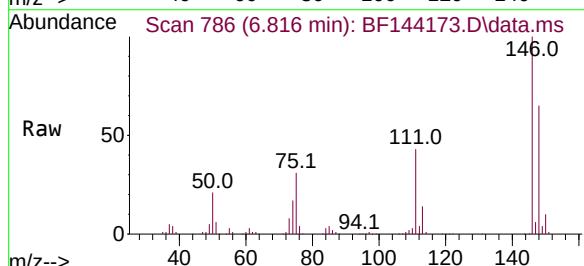
Tgt Ion:146 Resp: 215469

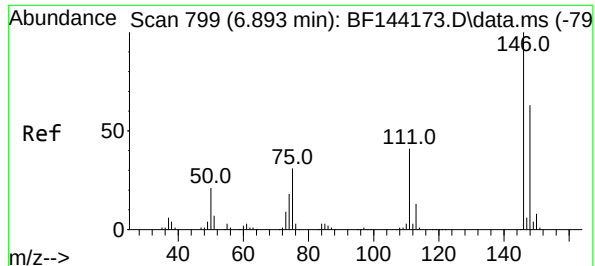
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 31.2 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 41.084 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

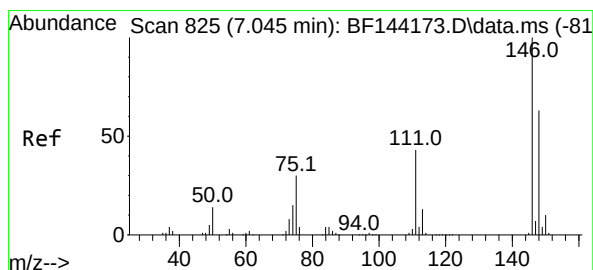
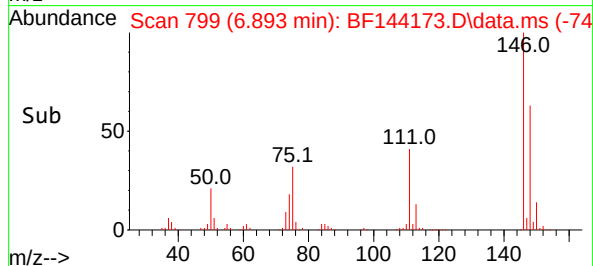
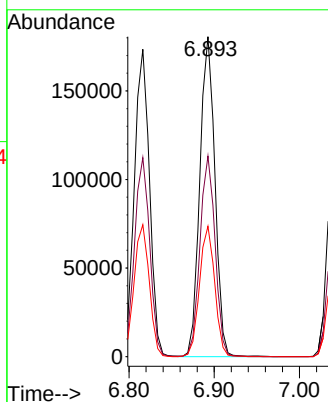
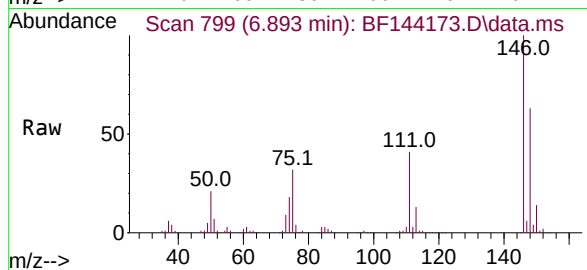
Tgt Ion:146 Resp: 222488

Ion Ratio Lower Upper

146 100

148 62.7 50.2 75.2

111 40.7 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 40.001 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

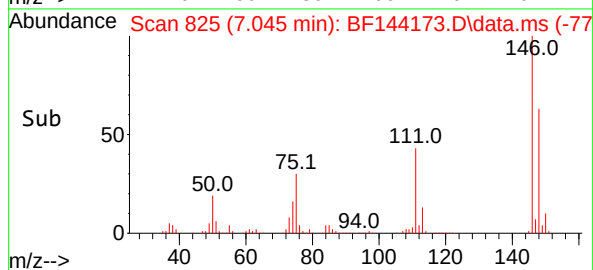
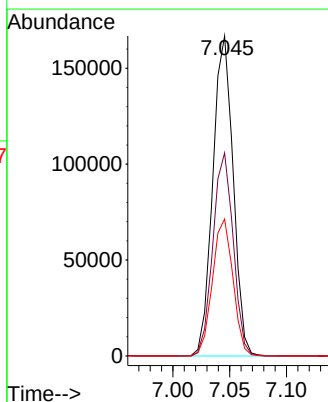
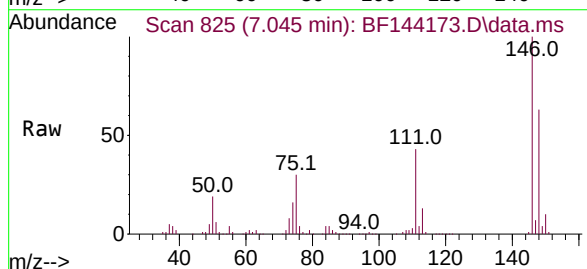
Tgt Ion:146 Resp: 207631

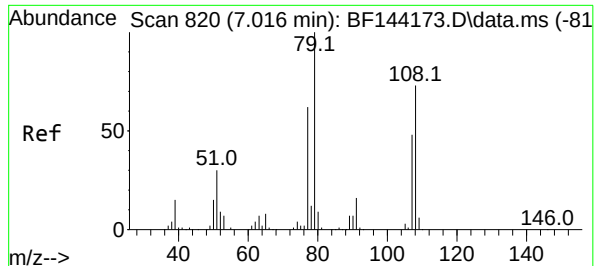
Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

111 42.8 34.2 51.4

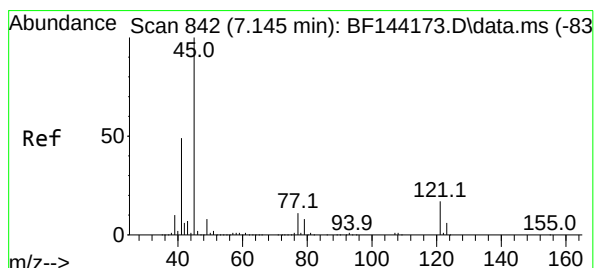
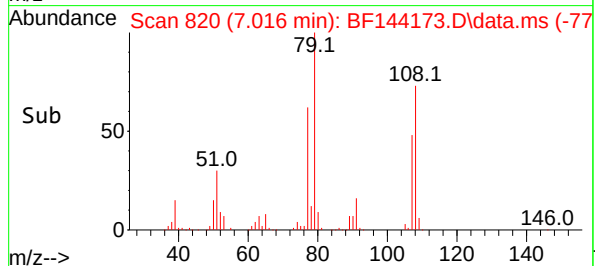
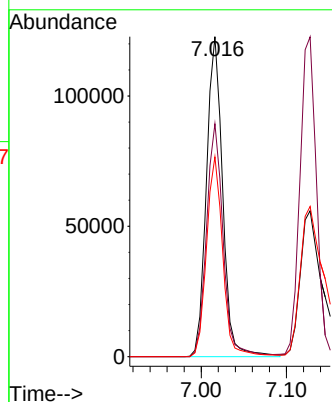
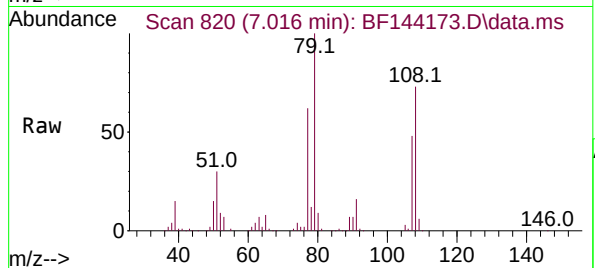




#15
Benzyl Alcohol
Concen: 40.501 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

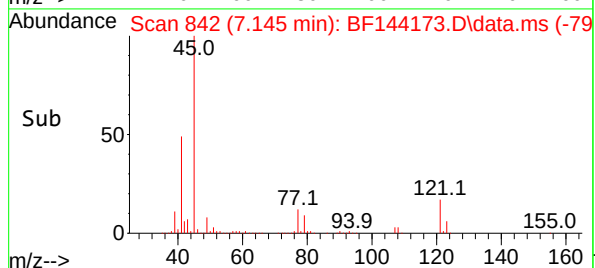
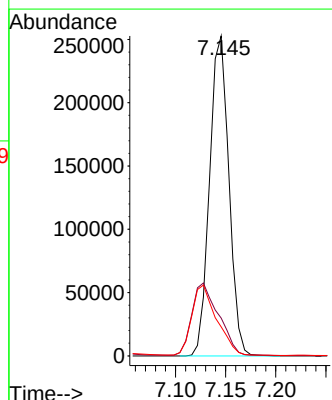
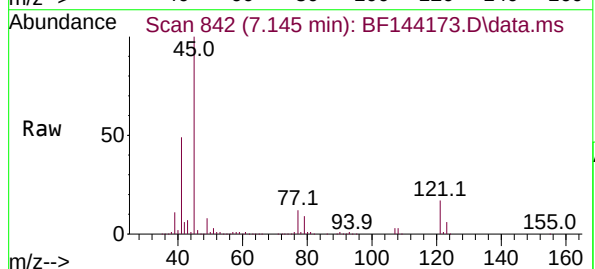
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

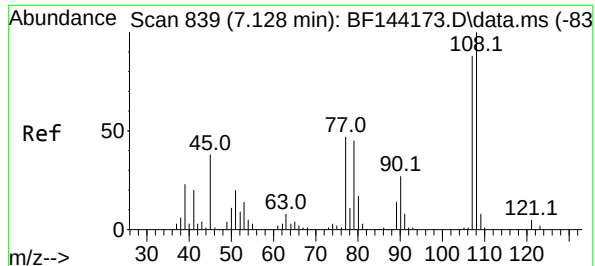
Tgt Ion: 79 Resp: 162316
Ion Ratio Lower Upper
79 100
108 72.8 58.2 87.4
77 62.4 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.743 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 45 Resp: 338078
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.8
79 9.1 0.0 29.1

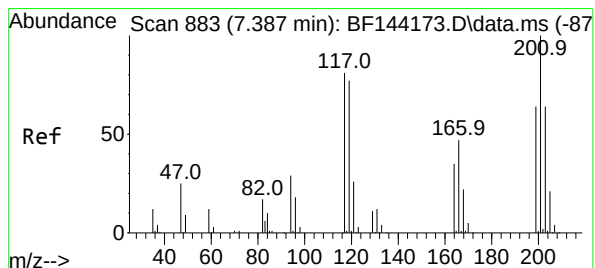
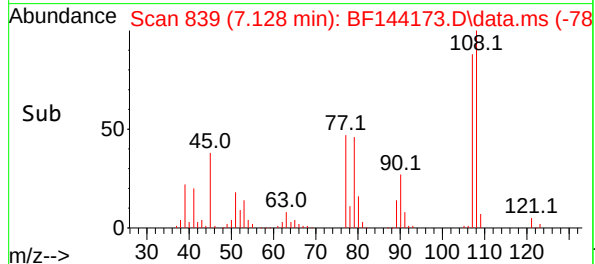
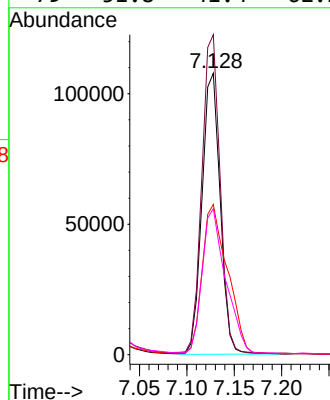
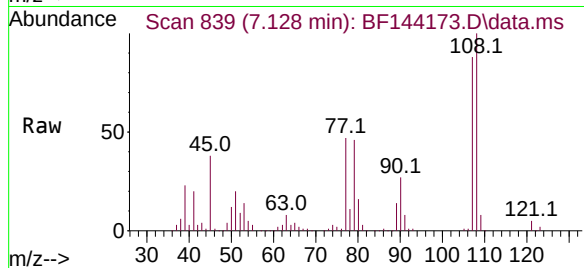




#17
2-Methylphenol
Concen: 41.431 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

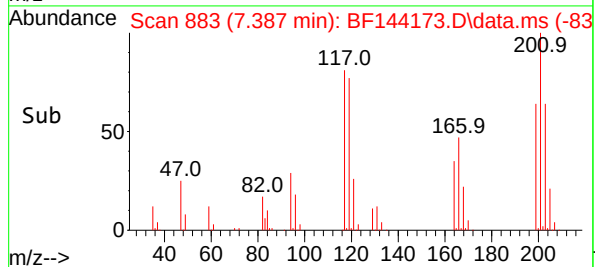
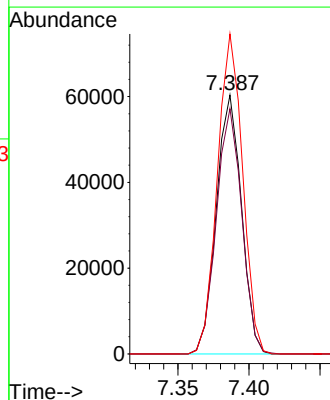
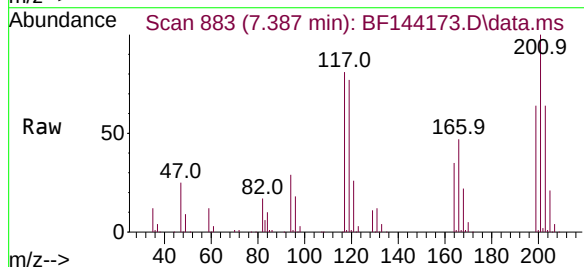
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

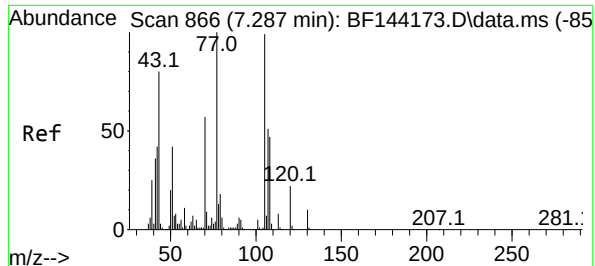
Tgt Ion:	107	Resp:	144386
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.0	136.4
77	53.4	42.7	64.1
79	51.8	41.4	62.2



#18
Hexachloroethane
Concen: 41.339 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:	117	Resp:	74377
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	123.6	98.9	148.3

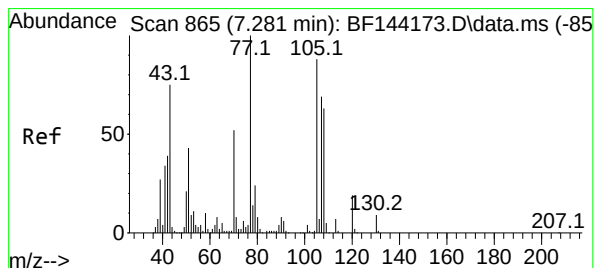
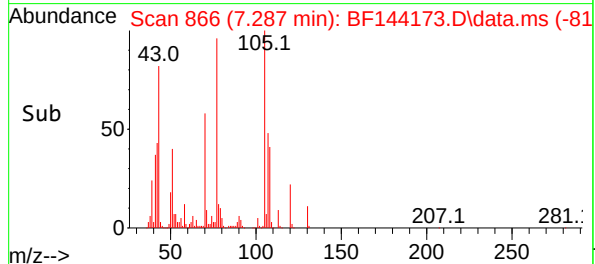
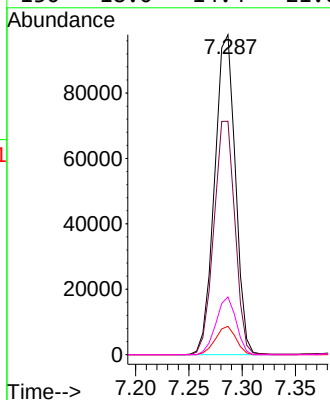
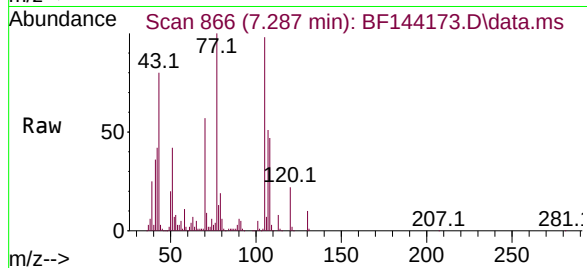




#19
n-Nitroso-di-n-propylamine
Concen: 39.848 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

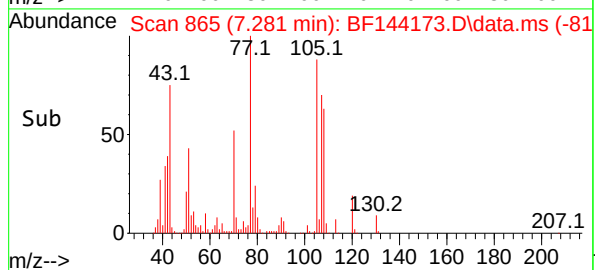
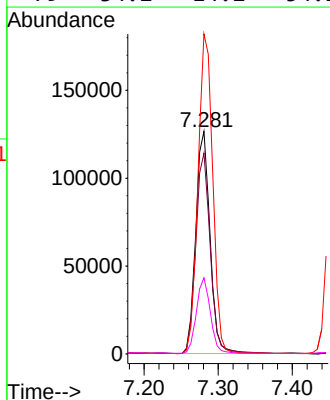
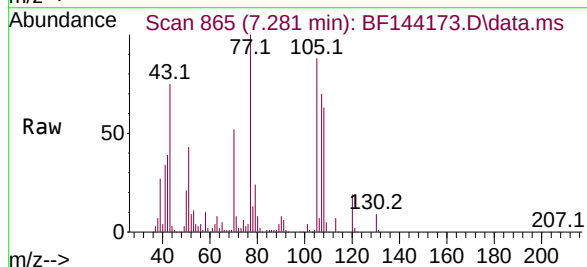
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

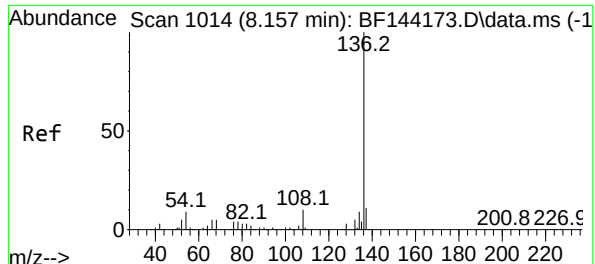
Tgt Ion: 70 Resp: 132769
Ion Ratio Lower Upper
70 100
42 72.9 58.3 87.5
101 8.8 7.0 10.6
130 18.0 14.4 21.6



#20
3+4-Methylphenols
Concen: 41.361 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 107 Resp: 169917
Ion Ratio Lower Upper
107 100
108 90.2 70.2 110.2
77 143.9 123.9 163.9
79 34.2 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 262306

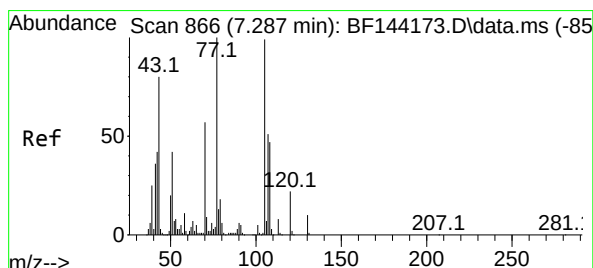
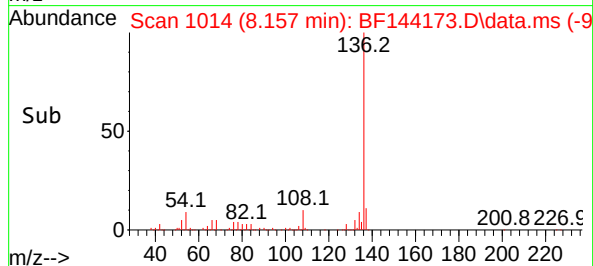
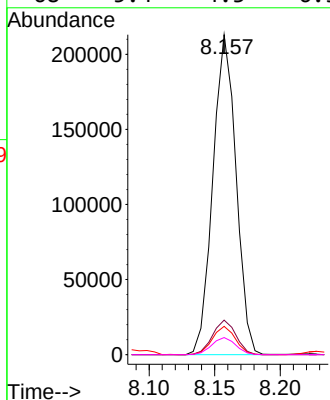
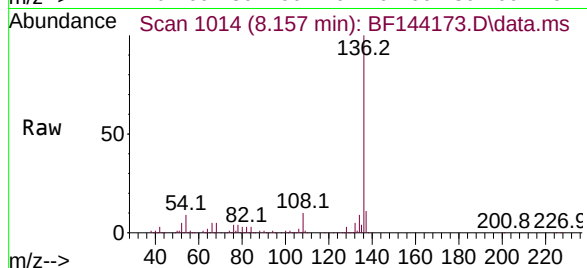
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.8 7.0 10.6

68 5.4 4.3 6.5



#22

Acetophenone

Concen: 40.452 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Tgt Ion:105 Resp: 227627

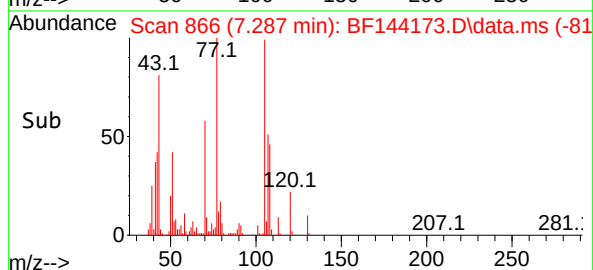
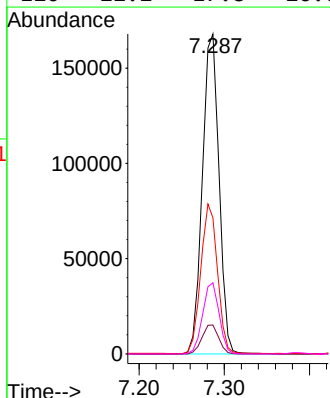
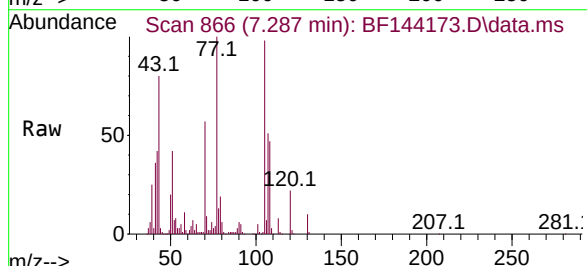
Ion Ratio Lower Upper

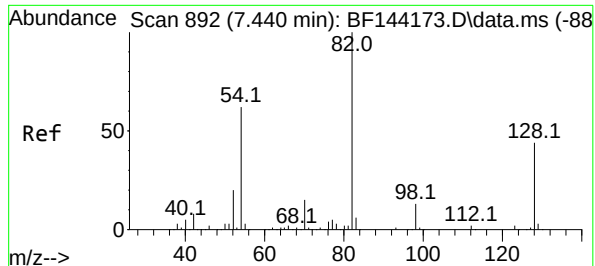
105 100

71 9.0 7.2 10.8

51 42.5 34.0 51.0

120 22.2 17.8 26.6





#23

Nitrobenzene-d5

Concen: 83.160 ng

RT: 7.440 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

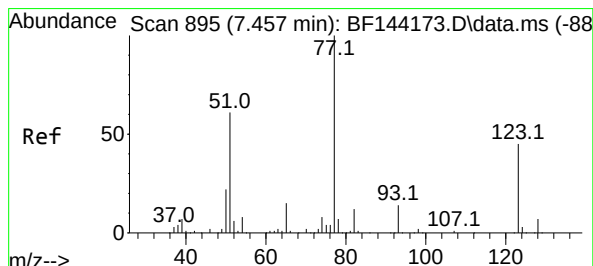
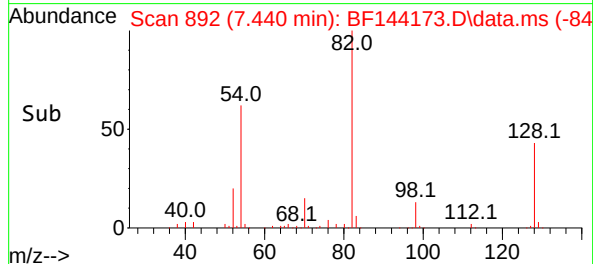
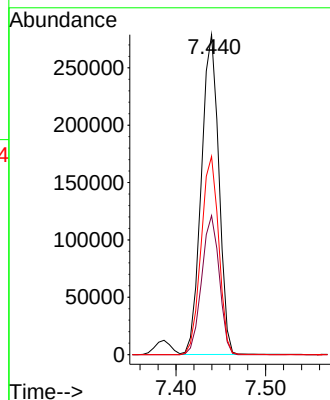
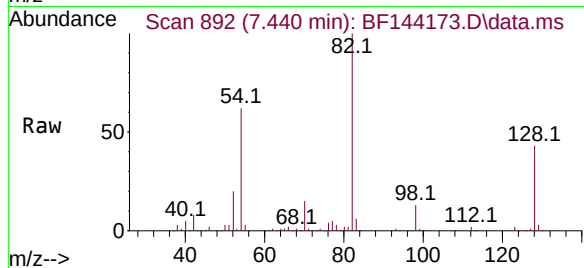
Tgt Ion: 82 Resp: 377687

Ion Ratio Lower Upper

82 100

128 43.4 34.7 52.1

54 61.9 49.5 74.3



#24

Nitrobenzene

Concen: 41.272 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

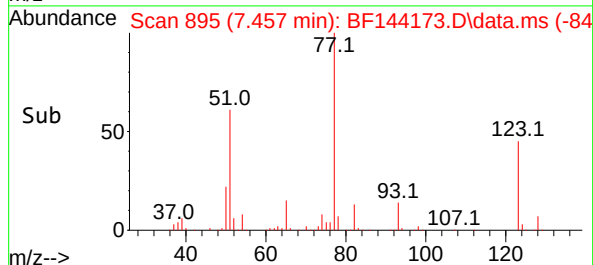
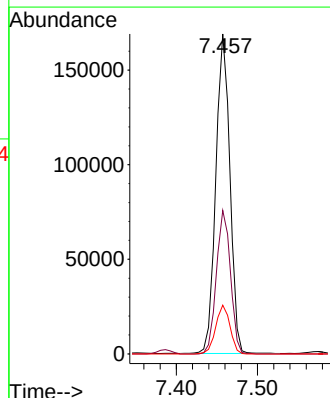
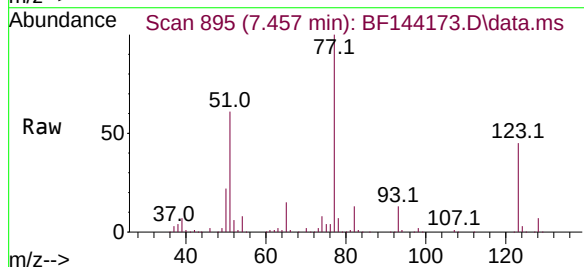
Tgt Ion: 77 Resp: 203520

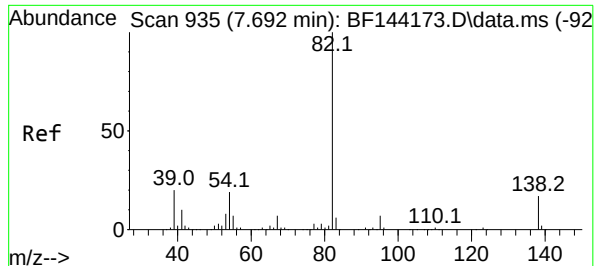
Ion Ratio Lower Upper

77 100

123 44.8 35.8 53.8

65 15.2 12.2 18.2





#25

Isophorone

Concen: 41.082 ng

RT: 7.692 min Scan# 935

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

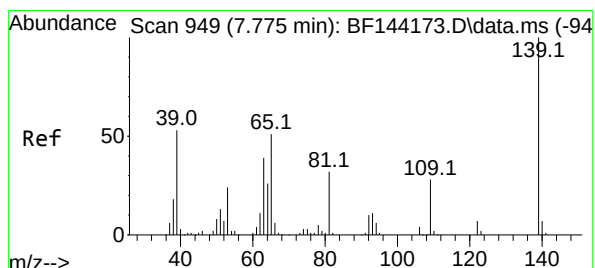
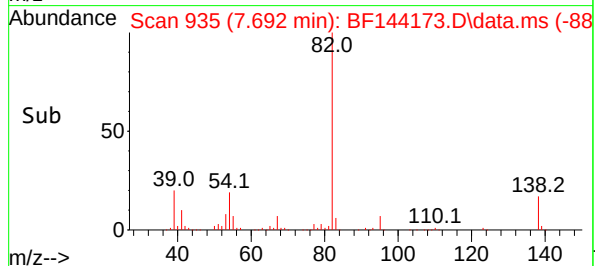
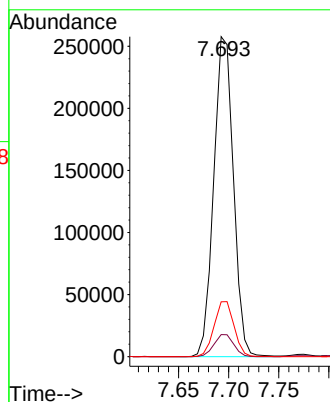
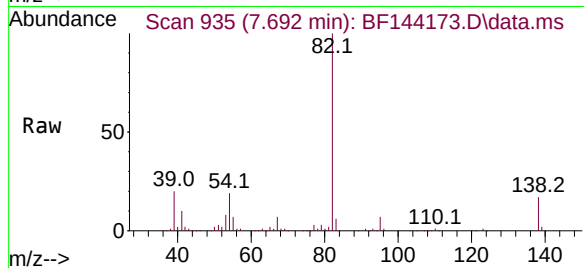
Tgt Ion: 82 Resp: 352919

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 17.1 13.7 20.5



#26

2-Nitrophenol

Concen: 42.269 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

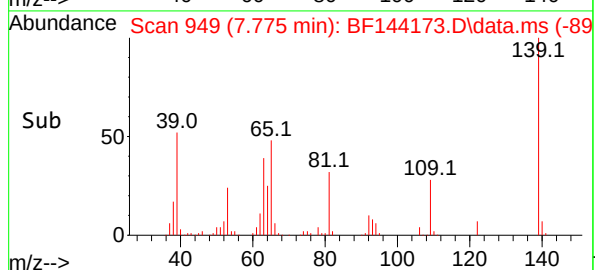
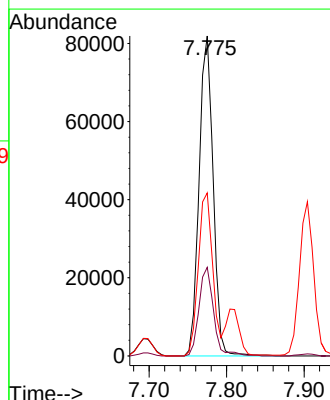
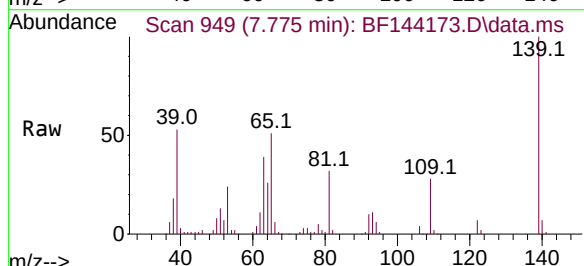
Tgt Ion:139 Resp: 103181

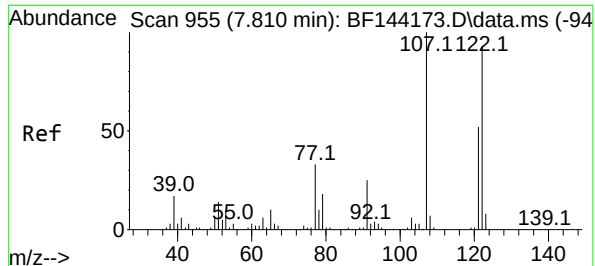
Ion Ratio Lower Upper

139 100

109 27.7 22.2 33.2

65 50.9 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 42.784 ng

RT: 7.810 min Scan# 955

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

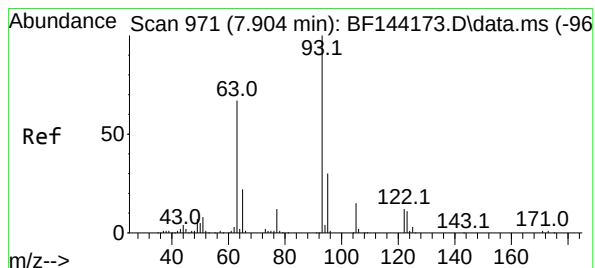
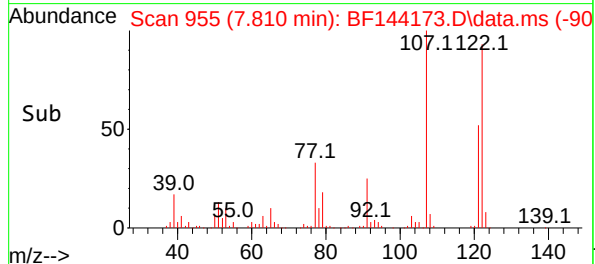
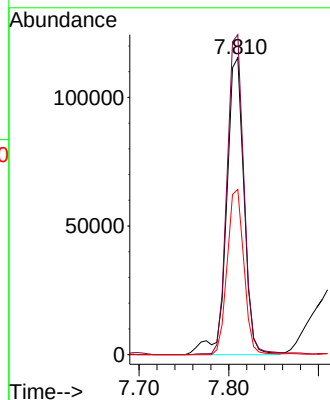
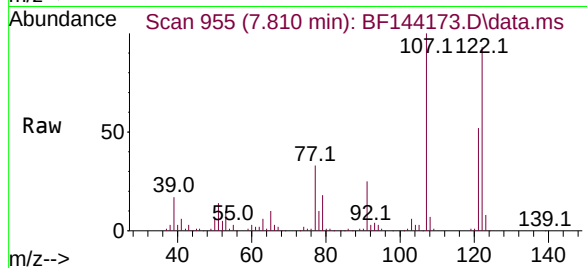
Tgt Ion:122 Resp: 156535

Ion Ratio Lower Upper

122 100

107 107.8 86.2 129.4

121 55.7 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 41.364 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

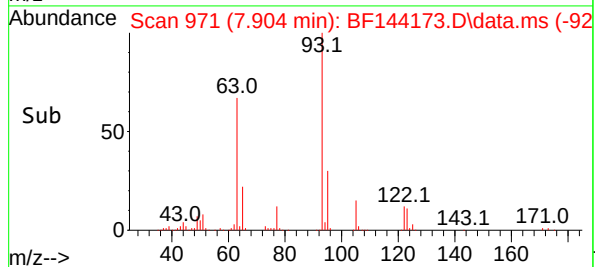
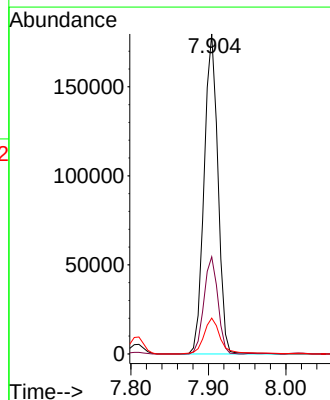
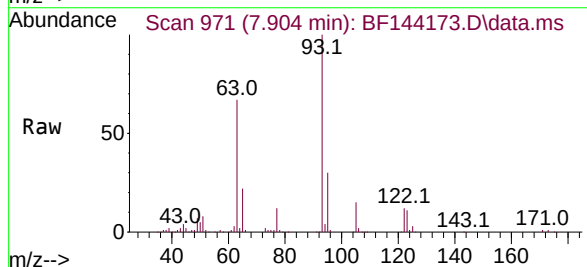
Tgt Ion: 93 Resp: 221900

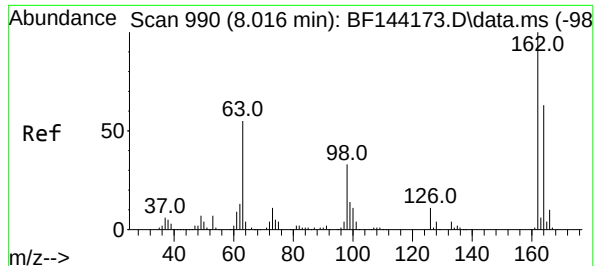
Ion Ratio Lower Upper

93 100

95 30.3 24.2 36.4

123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.210 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

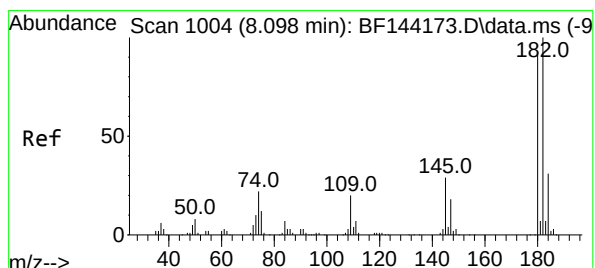
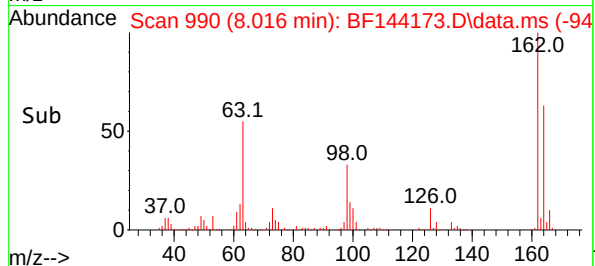
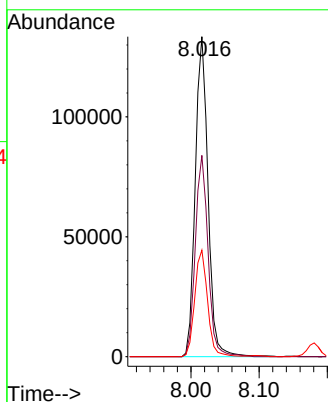
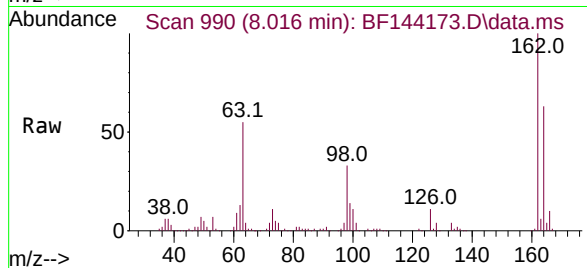
Tgt Ion:162 Resp: 173779

Ion Ratio Lower Upper

162 100

164 62.9 42.9 82.9

98 33.3 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 40.825 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

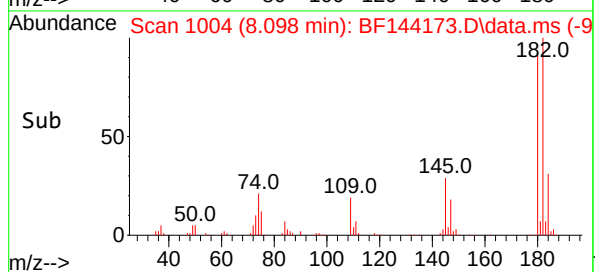
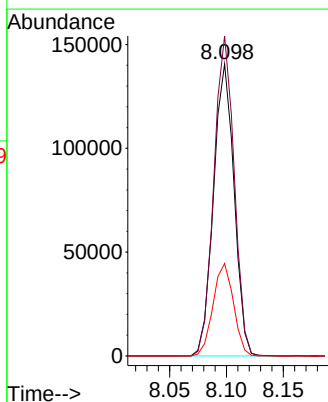
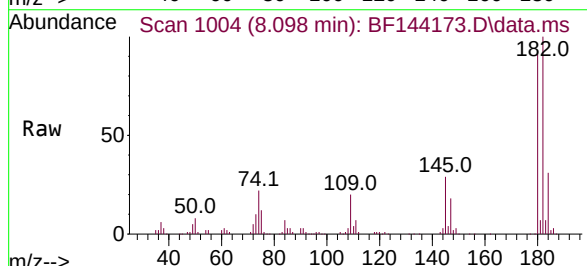
Tgt Ion:180 Resp: 176777

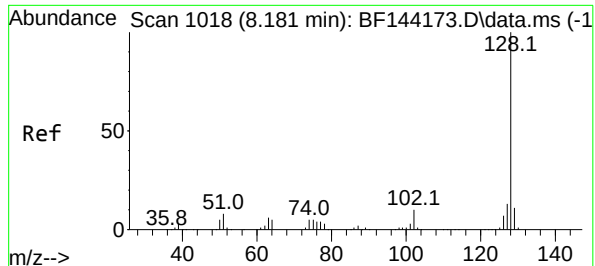
Ion Ratio Lower Upper

180 100

182 109.6 87.7 131.5

145 31.7 25.4 38.0

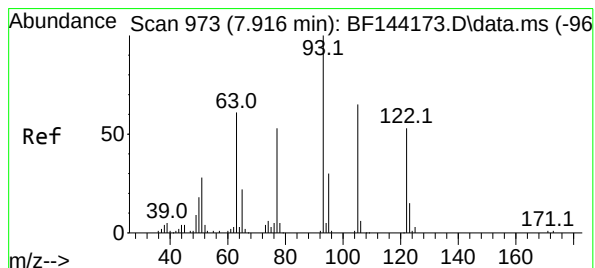
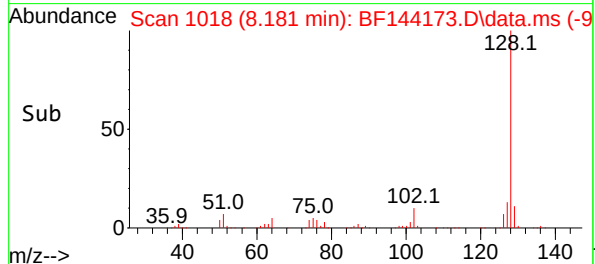
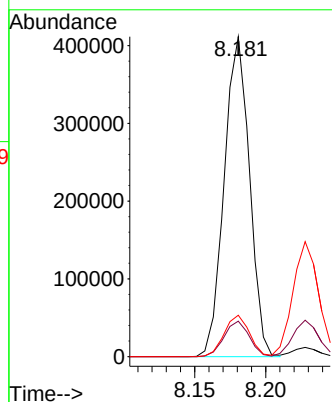
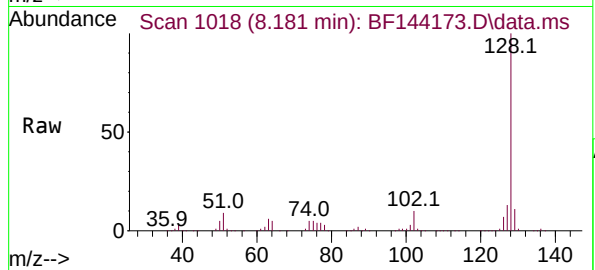




#31
Naphthalene
Concen: 40.755 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

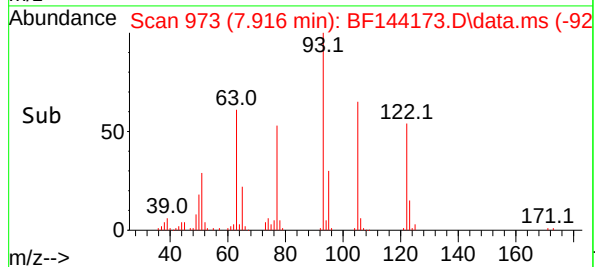
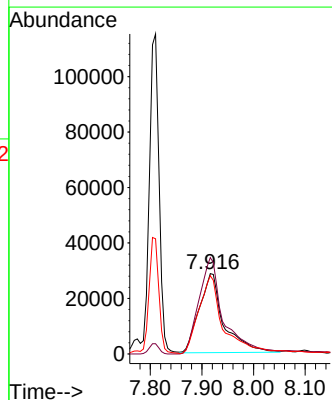
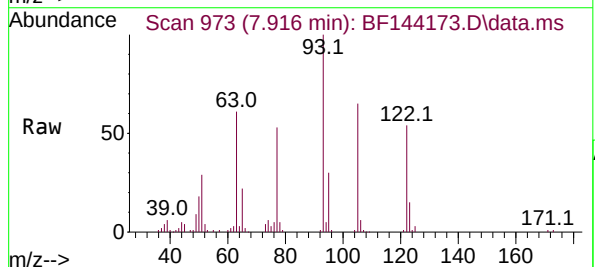
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

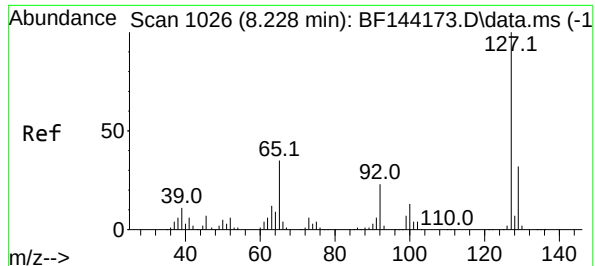
Tgt Ion:128 Resp: 508521
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 35.128 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:122 Resp: 94209
Ion Ratio Lower Upper
122 100
105 119.9 99.9 139.9
77 97.5 77.5 117.5





#33

4-Chloroaniline

Concen: 41.763 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 190054

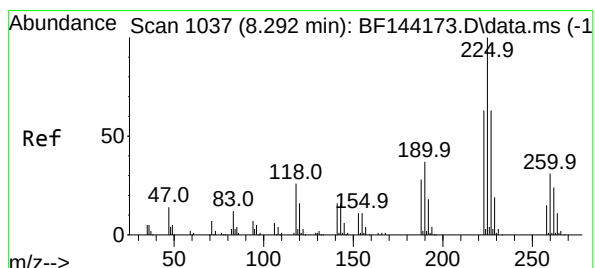
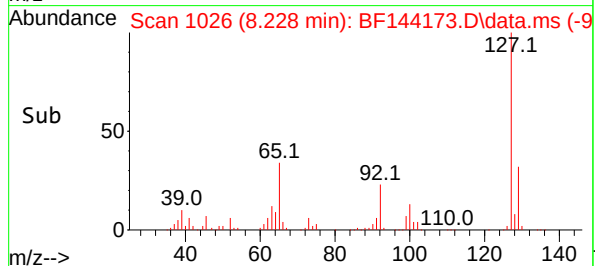
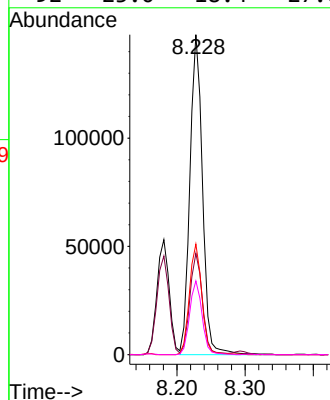
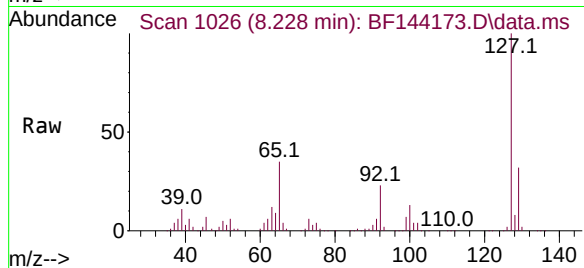
Ion Ratio Lower Upper

127 100

129 31.6 25.3 37.9

65 34.5 27.6 41.4

92 23.0 18.4 27.6



#34

Hexachlorobutadiene

Concen: 41.671 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

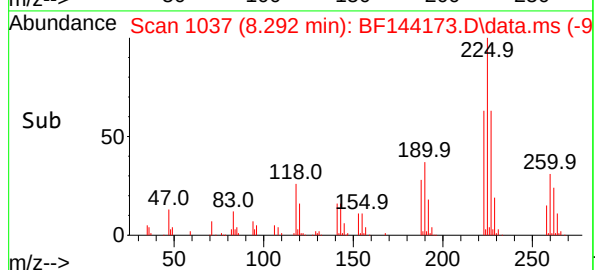
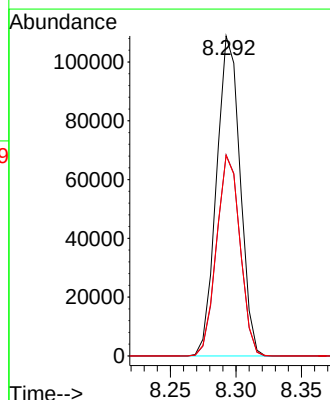
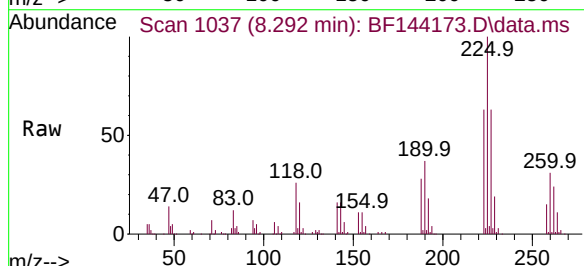
Tgt Ion:225 Resp: 135990

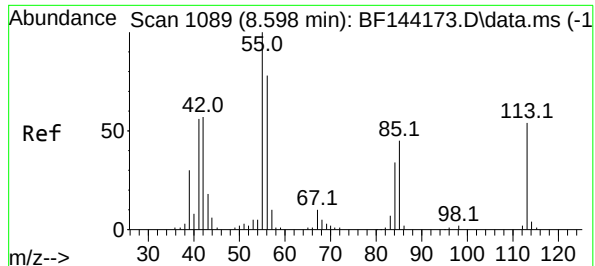
Ion Ratio Lower Upper

225 100

223 62.8 50.2 75.4

227 62.6 50.1 75.1

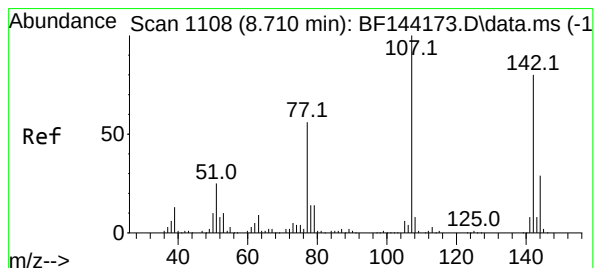
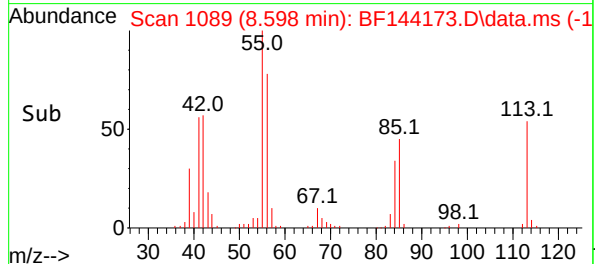
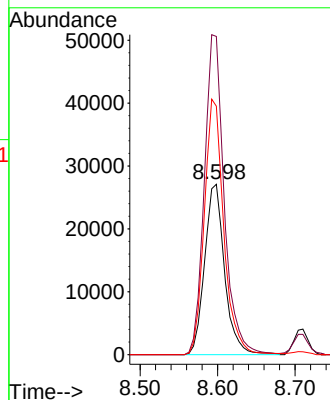
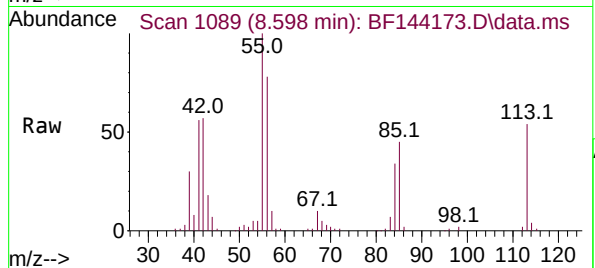




#35
Caprolactam
Concen: 41.945 ng
RT: 8.598 min Scan# 1089
Delta R.T. -0.023 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

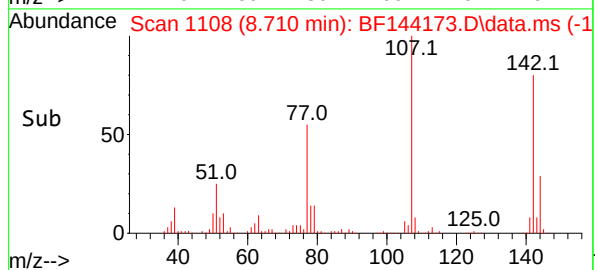
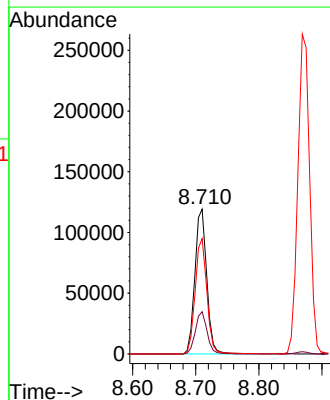
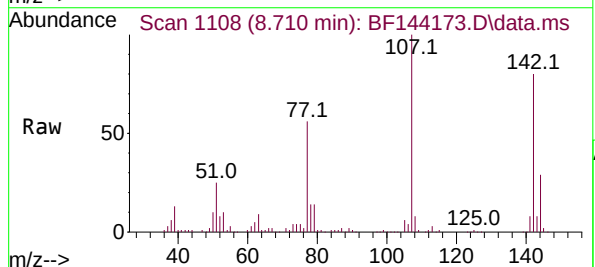
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

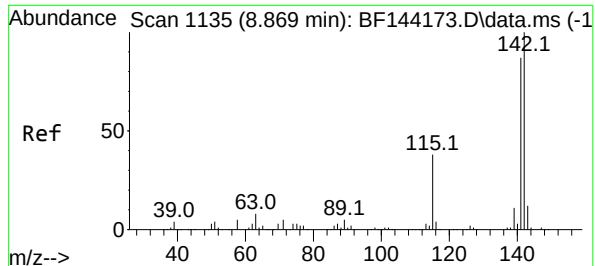
Tgt Ion:113 Resp: 48459
Ion Ratio Lower Upper
113 100
55 186.8 166.8 206.8
56 145.9 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 41.237 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:107 Resp: 155844
Ion Ratio Lower Upper
107 100
144 29.1 23.3 34.9
142 79.7 63.8 95.6





#37

2-Methylnaphthalene

Concen: 40.712 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

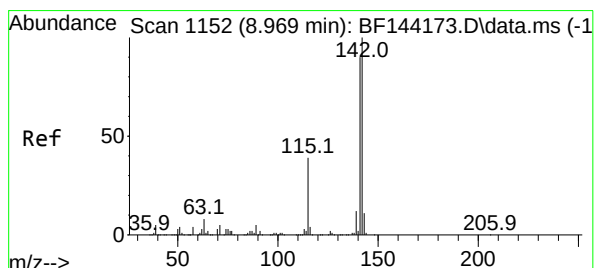
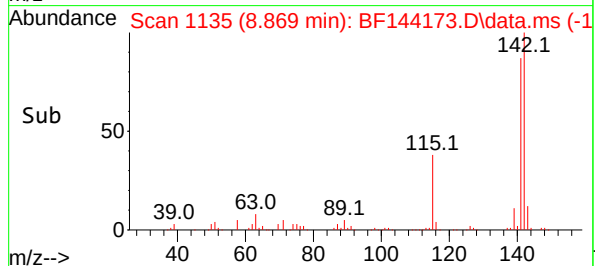
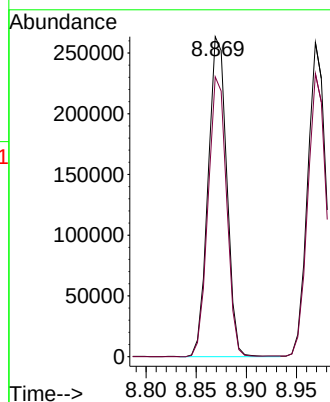
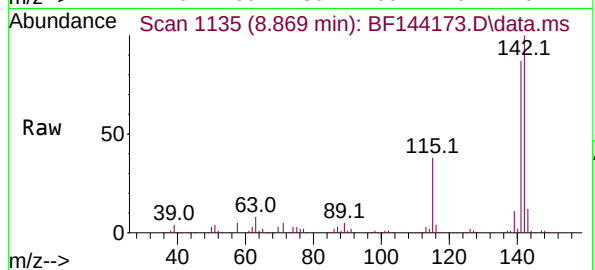
SSTDICCC040

Tgt Ion:142 Resp: 339639

Ion Ratio Lower Upper

142 100

141 87.4 69.9 104.9



#38

1-Methylnaphthalene

Concen: 40.435 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144173.D

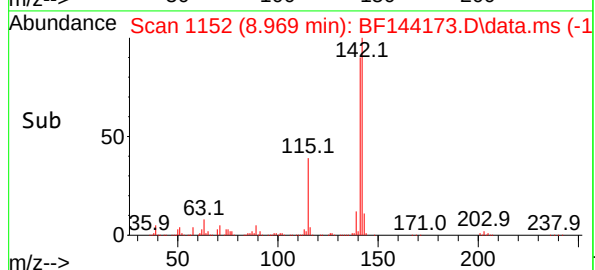
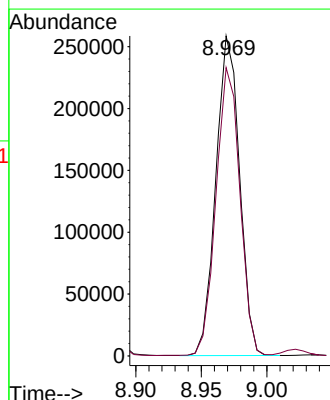
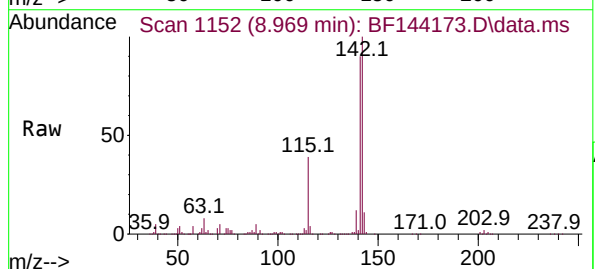
Acq: 05 Nov 2025 14:50

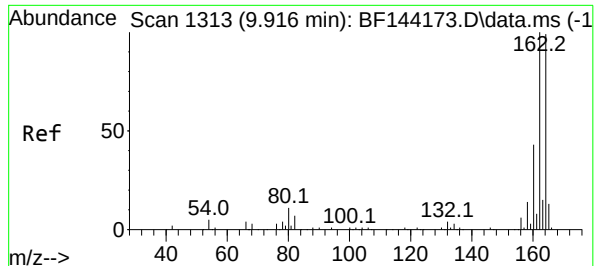
Tgt Ion:142 Resp: 325483

Ion Ratio Lower Upper

142 100

141 90.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

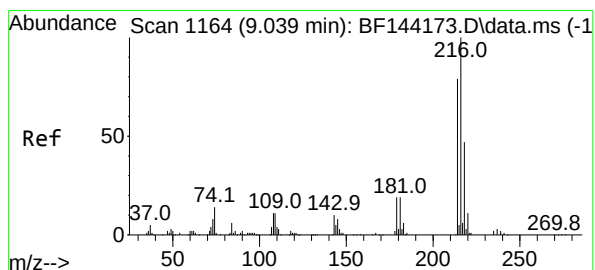
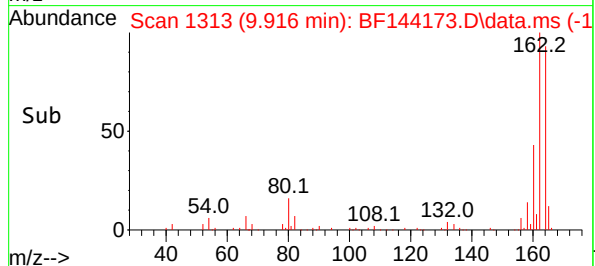
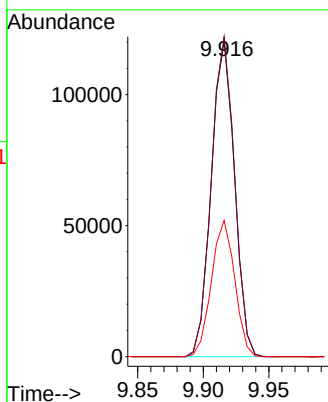
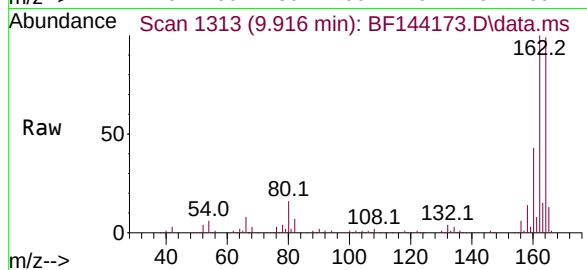
Tgt Ion:164 Resp: 148823

Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

160 43.1 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.210 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Tgt Ion:216 Resp: 200998

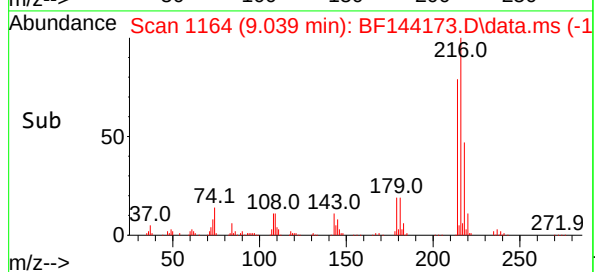
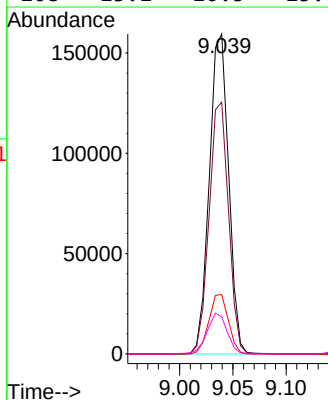
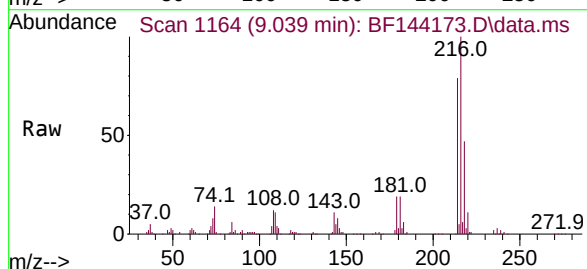
Ion Ratio Lower Upper

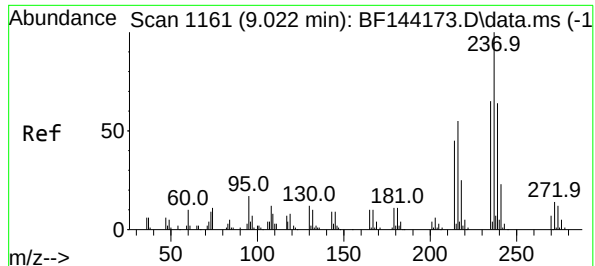
216 100

214 79.3 63.4 95.2

179 18.7 15.0 22.4

108 13.1 10.5 15.7

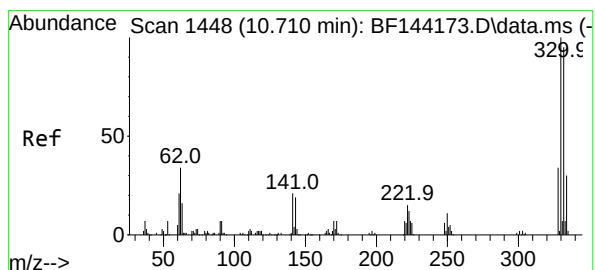
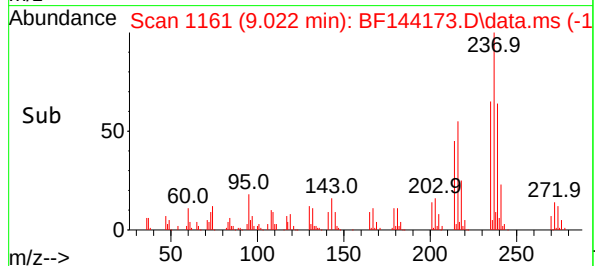
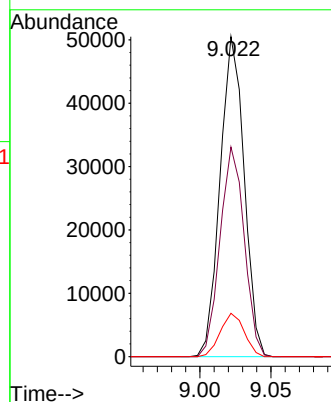
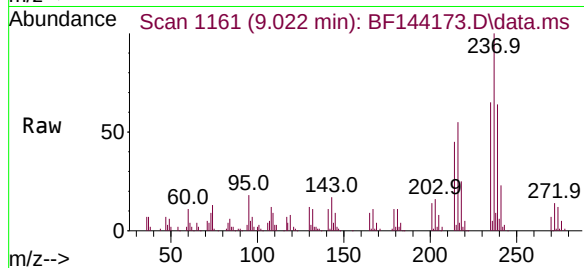




#41
Hexachlorocyclopentadiene
Concen: 39.991 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

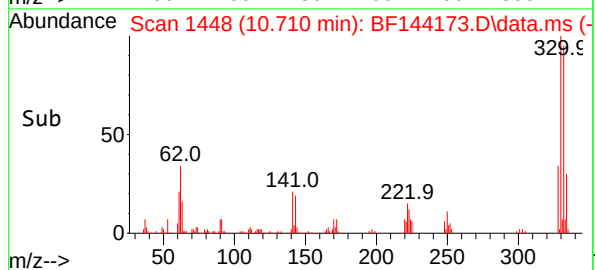
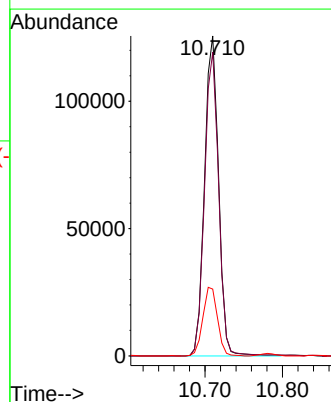
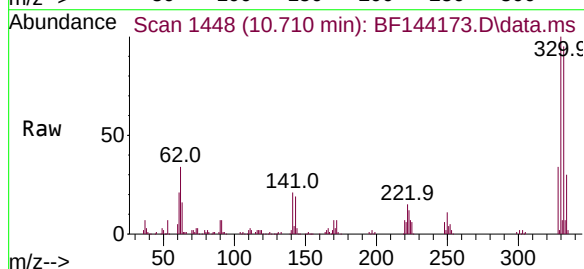
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

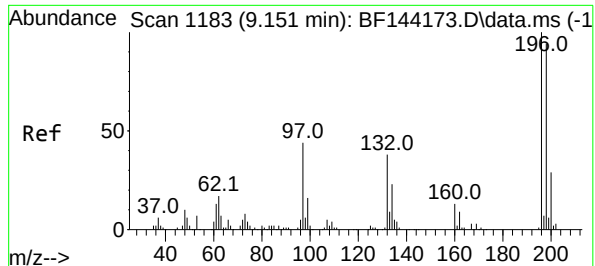
Tgt Ion:237 Resp: 59520
Ion Ratio Lower Upper
237 100
235 65.5 45.5 85.5
272 13.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 84.493 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:330 Resp: 157795
Ion Ratio Lower Upper
330 100
332 95.9 76.7 115.1
141 22.3 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 40.875 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

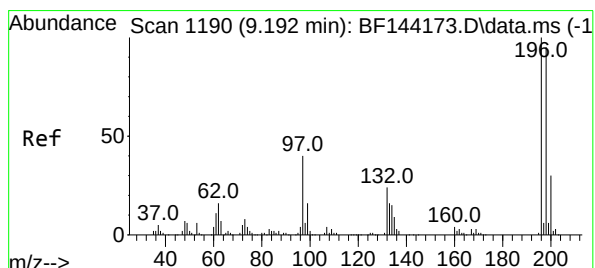
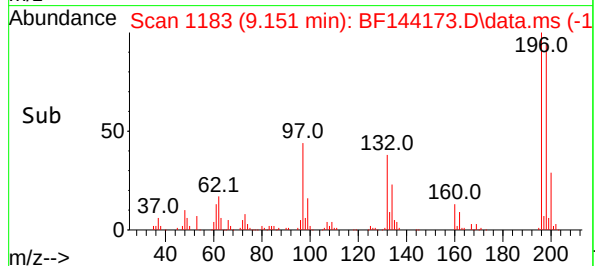
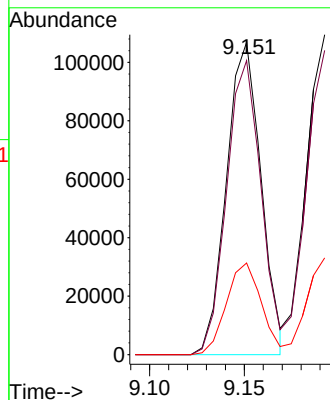
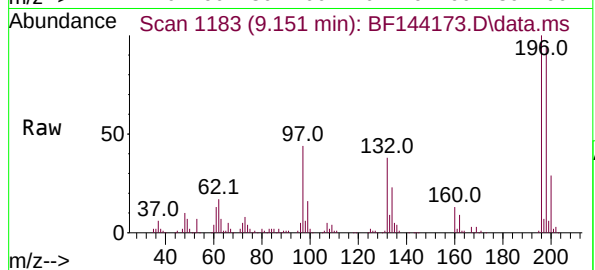
Tgt Ion:196 Resp: 135691

Ion Ratio Lower Upper

196 100

198 94.1 75.3 112.9

200 29.3 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 40.641 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Tgt Ion:196 Resp: 145405

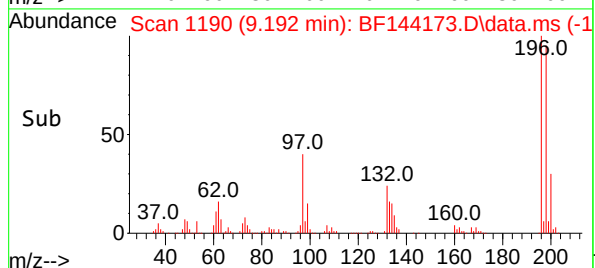
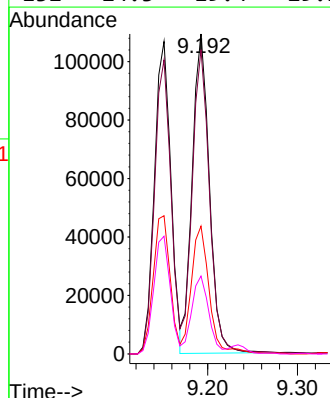
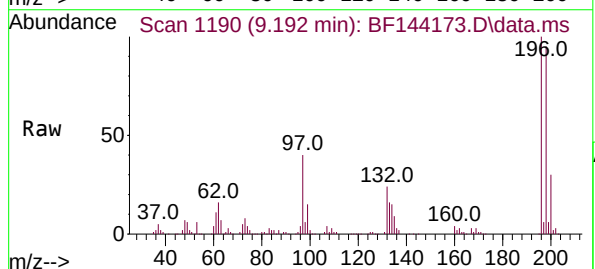
Ion Ratio Lower Upper

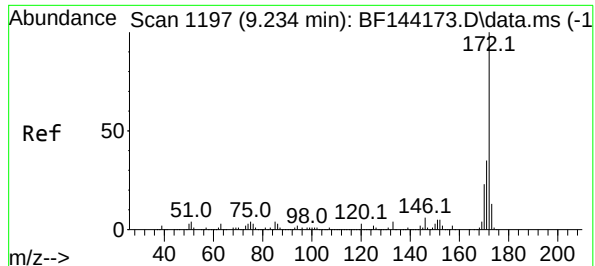
196 100

198 95.1 76.1 114.1

97 39.9 31.9 47.9

132 24.3 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 79.737 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

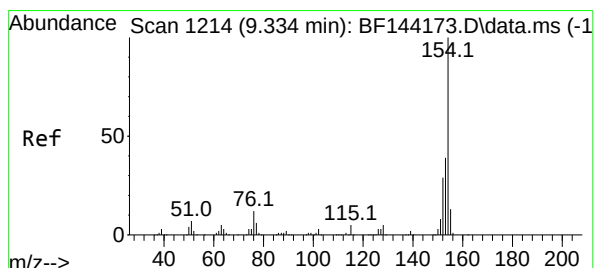
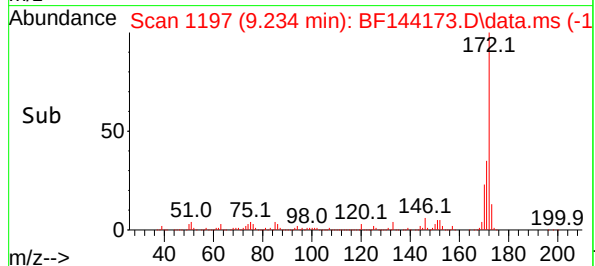
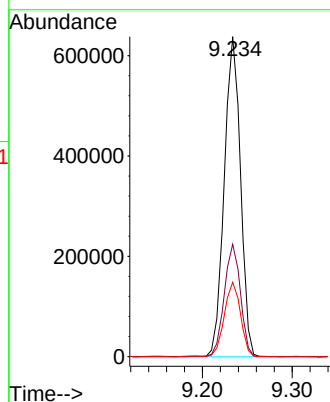
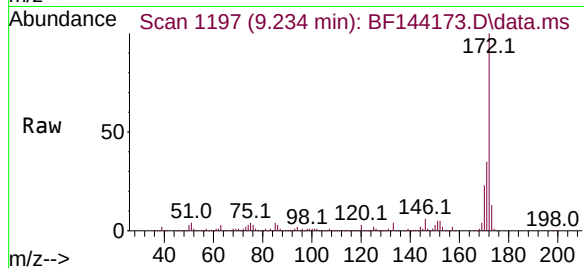
Tgt Ion:172 Resp: 803464

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 40.345 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

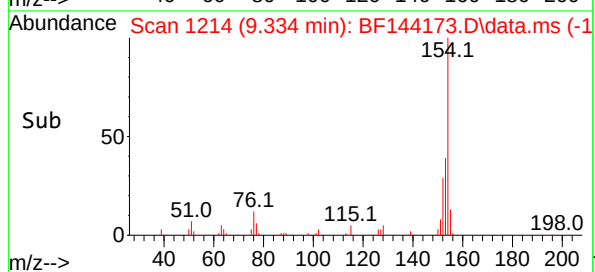
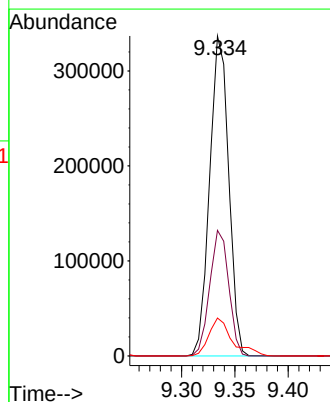
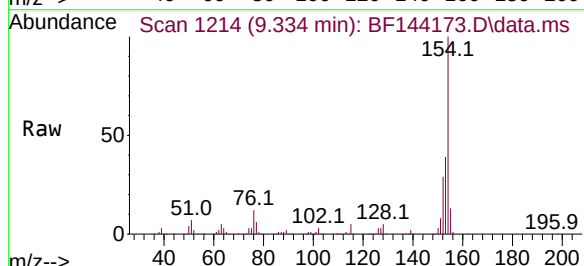
Tgt Ion:154 Resp: 419119

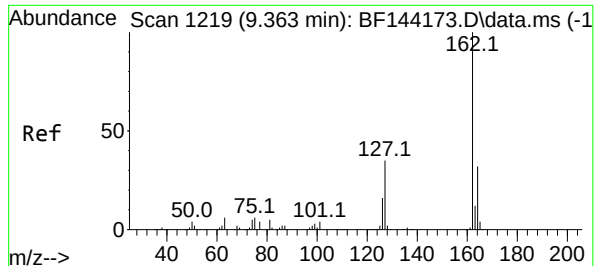
Ion Ratio Lower Upper

154 100

153 39.2 19.2 59.2

76 11.8 0.0 31.8





#47

2-Chloronaphthalene

Concen: 40.458 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

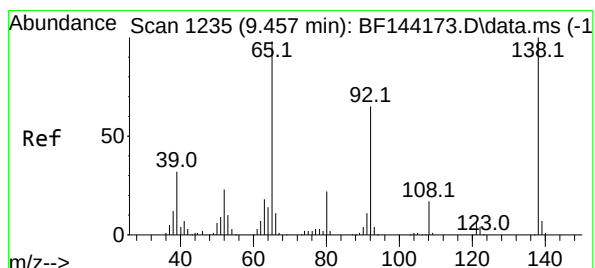
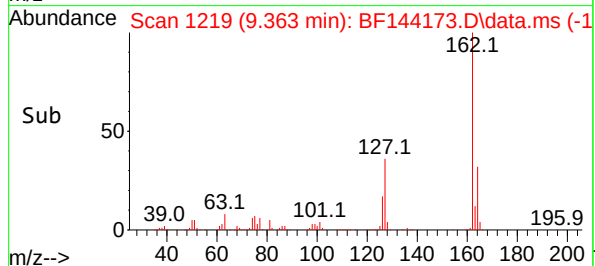
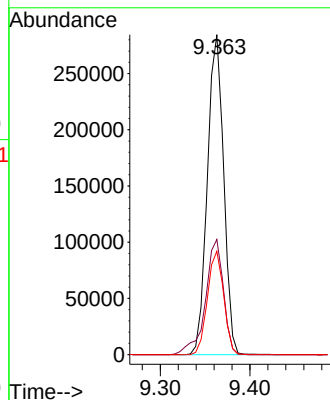
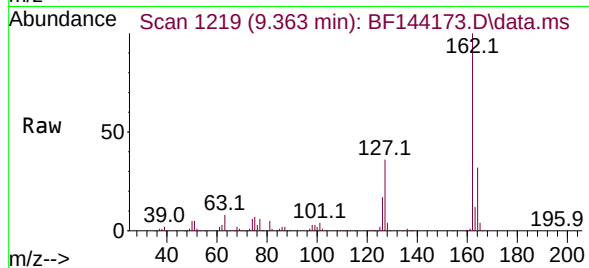
Tgt Ion:162 Resp: 358514

Ion Ratio Lower Upper

162 100

127 36.0 28.8 43.2

164 32.3 25.8 38.8



#48

2-Nitroaniline

Concen: 42.059 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

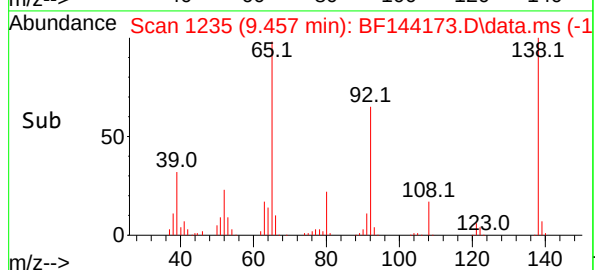
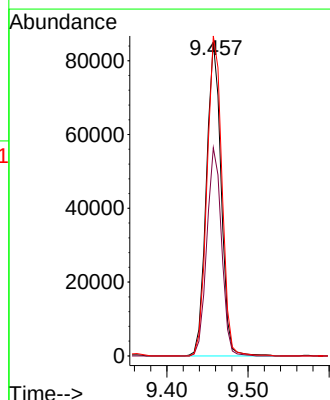
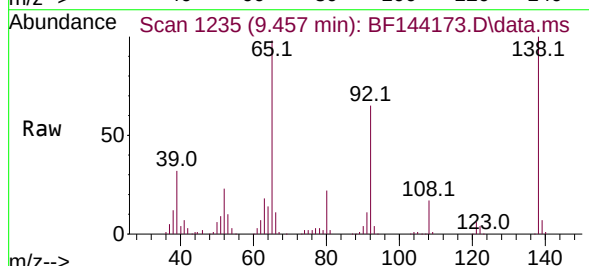
Tgt Ion: 65 Resp: 107536

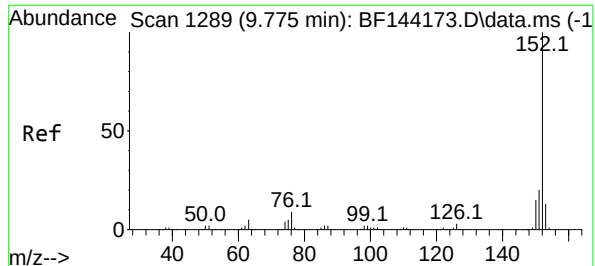
Ion Ratio Lower Upper

65 100

92 66.3 53.0 79.6

138 102.0 81.6 122.4





#49

Acenaphthylene

Concen: 40.553 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

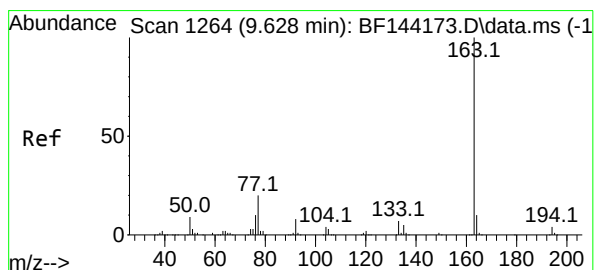
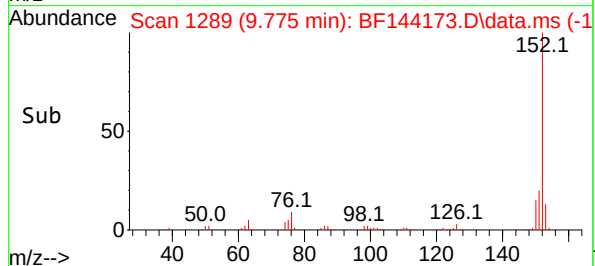
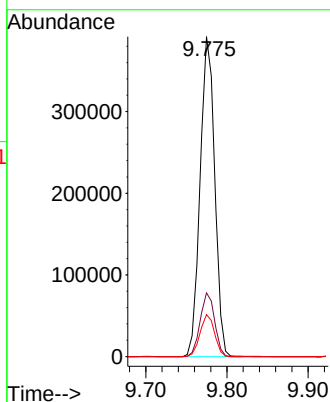
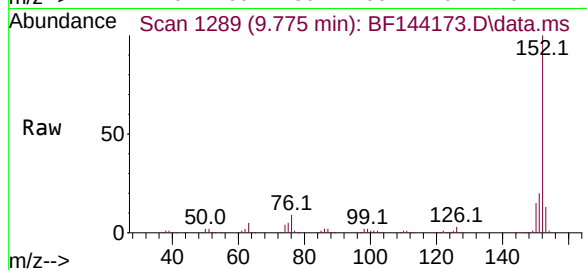
Tgt Ion:152 Resp: 489708

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 40.620 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

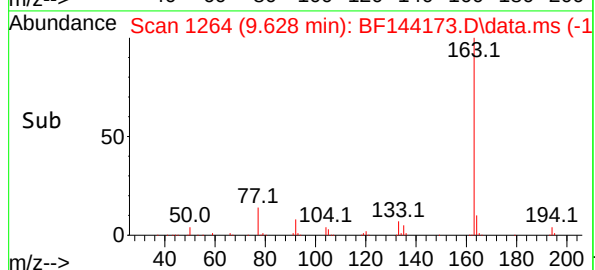
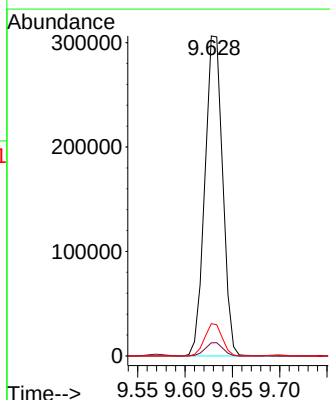
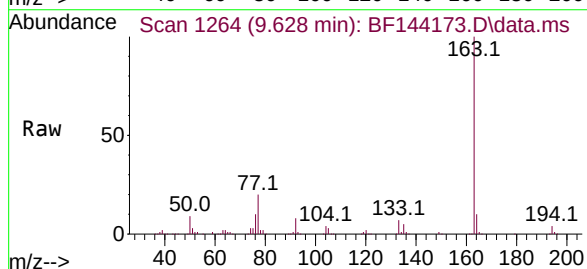
Tgt Ion:163 Resp: 400479

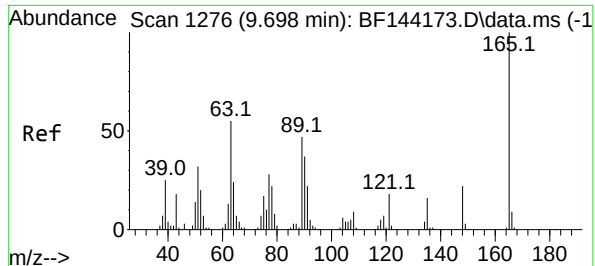
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 41.169 ng

RT: 9.698 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

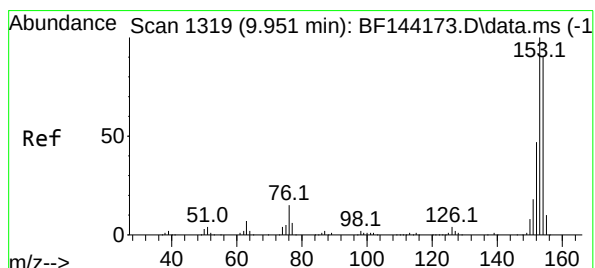
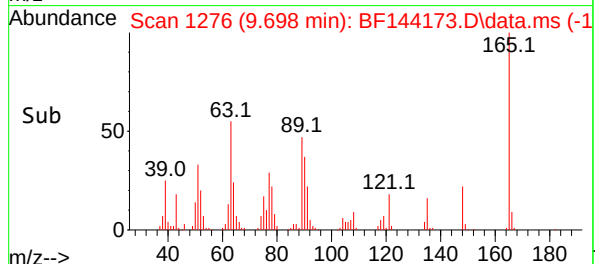
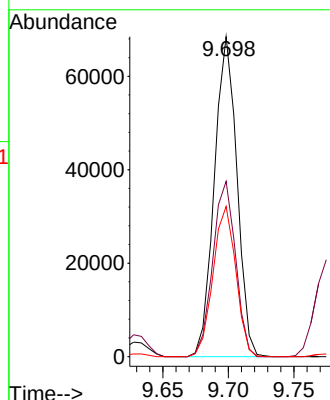
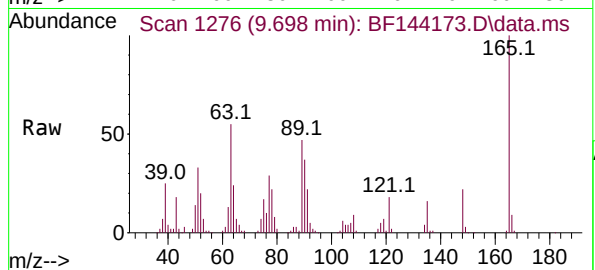
Tgt Ion:165 Resp: 82166

Ion Ratio Lower Upper

165 100

63 54.8 43.8 65.8

89 46.9 37.5 56.3



#52

Acenaphthene

Concen: 40.406 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

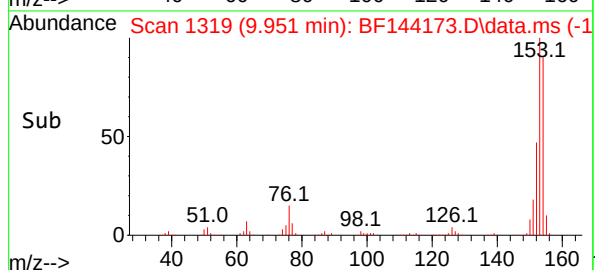
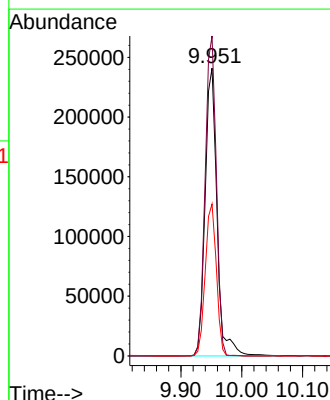
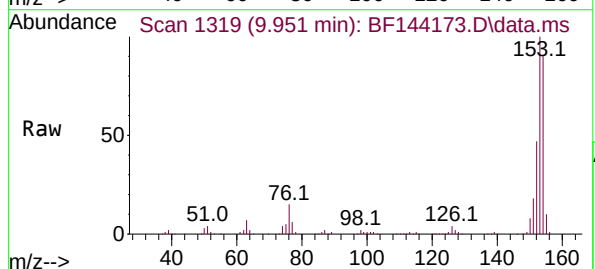
Tgt Ion:154 Resp: 326285

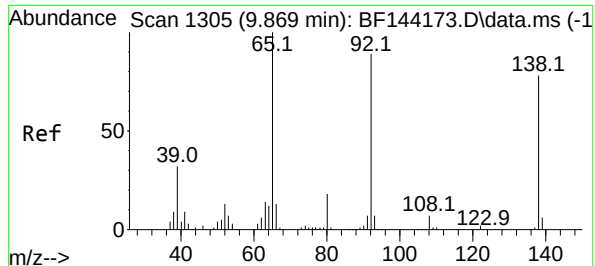
Ion Ratio Lower Upper

154 100

153 111.2 89.0 133.4

152 52.8 42.2 63.4





#53

3-Nitroaniline

Concen: 42.918 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

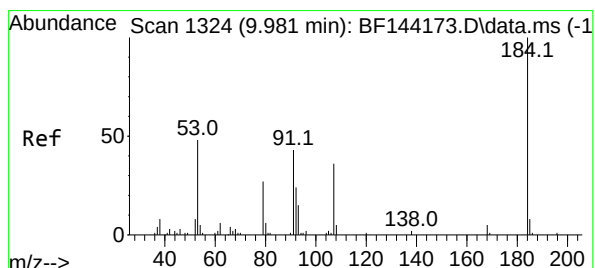
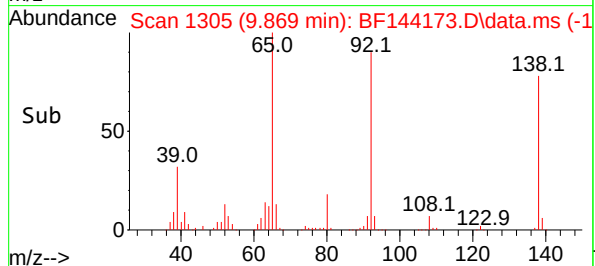
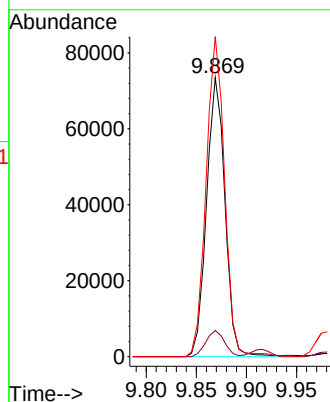
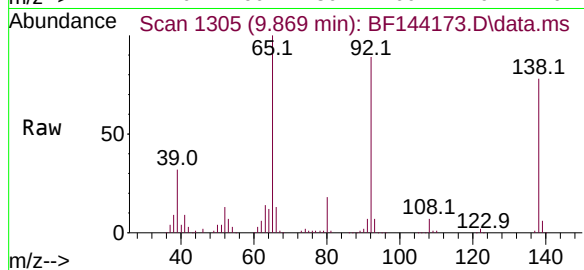
Tgt Ion:138 Resp: 93636

Ion Ratio Lower Upper

138 100

108 9.4 7.5 11.3

92 114.7 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 34.614 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

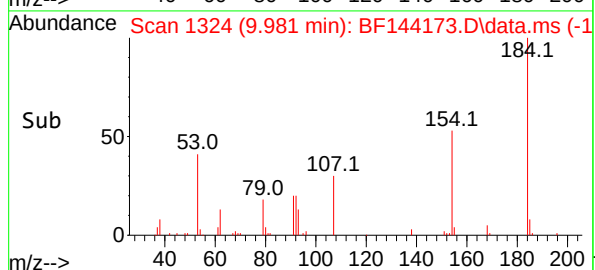
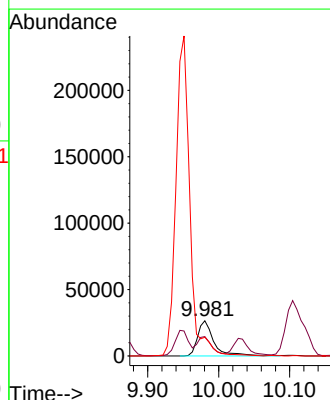
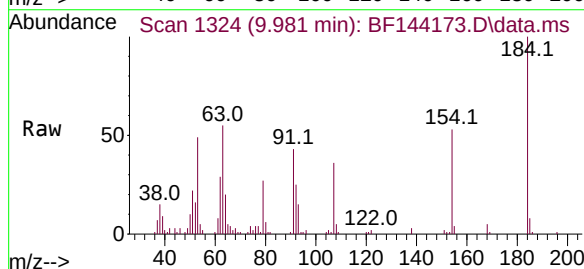
Tgt Ion:184 Resp: 41716

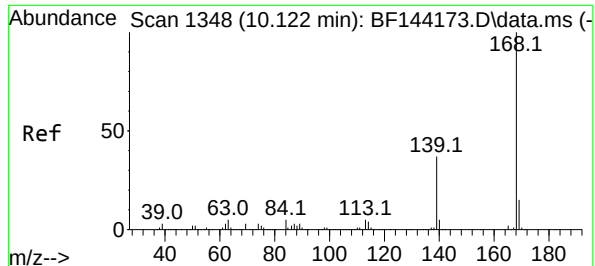
Ion Ratio Lower Upper

184 100

63 55.0 44.0 66.0

154 53.0 42.4 63.6





#55

Dibenzenofuran

Concen: 40.810 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

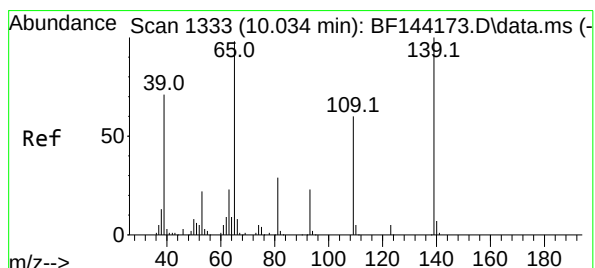
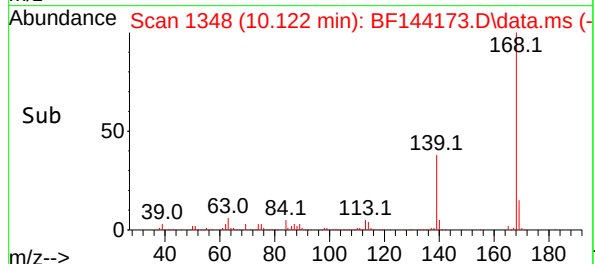
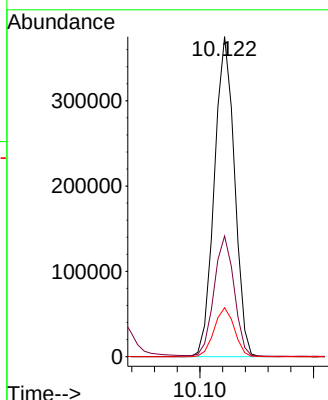
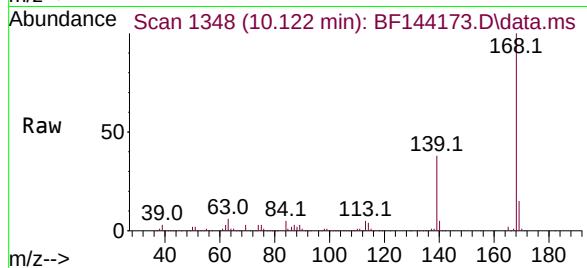
Tgt Ion:168 Resp: 461538

Ion Ratio Lower Upper

168 100

139 37.7 30.2 45.2

169 15.3 12.2 18.4



#56

4-Nitrophenol

Concen: 38.426 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

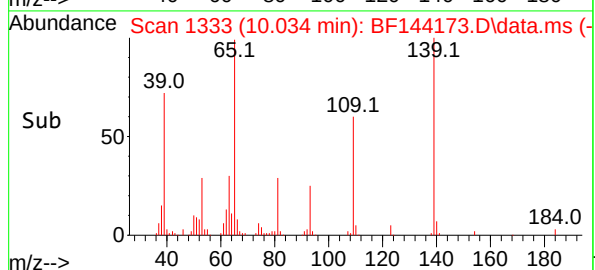
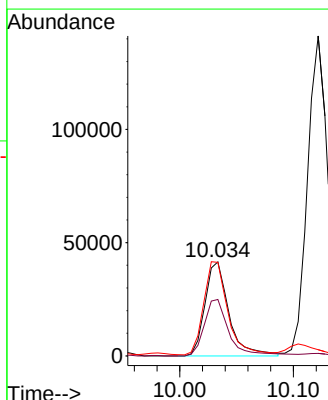
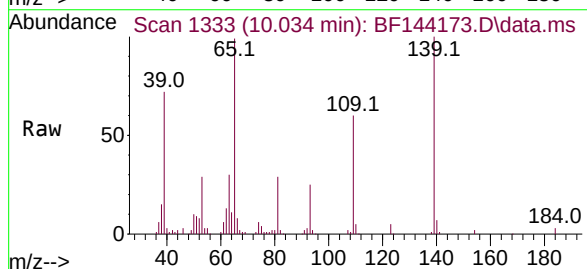
Tgt Ion:139 Resp: 60643

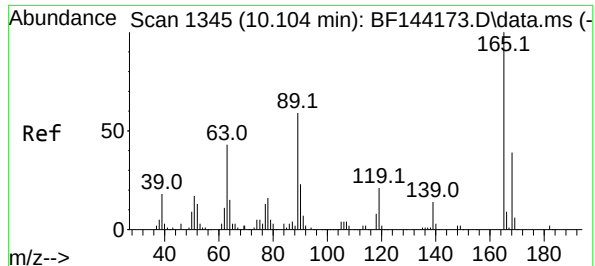
Ion Ratio Lower Upper

139 100

109 59.9 39.9 79.9

65 99.5 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 42.858 ng

RT: 10.104 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:165 Resp: 114508

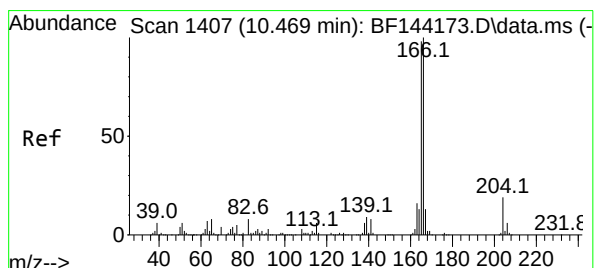
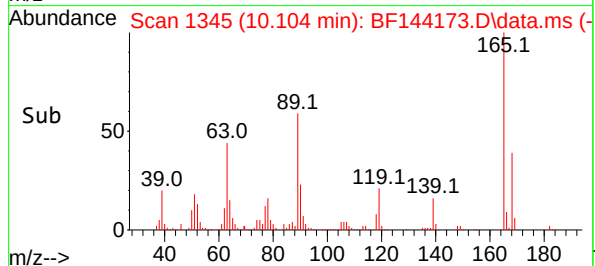
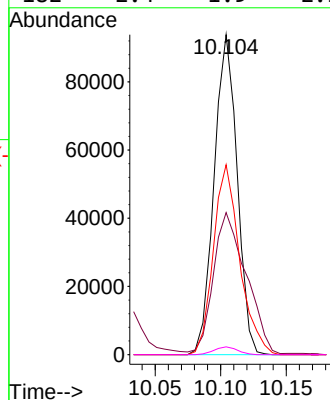
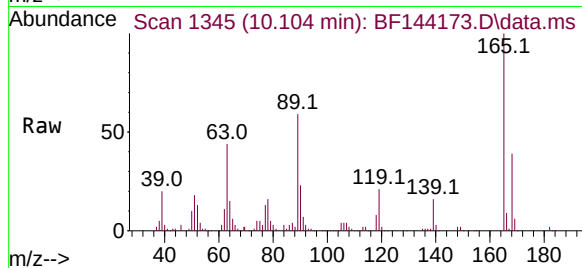
Ion Ratio Lower Upper

165 100

63 44.4 35.5 53.3

89 59.3 47.4 71.2

182 2.4 1.9 2.9



#58

Fluorene

Concen: 40.841 ng

RT: 10.469 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

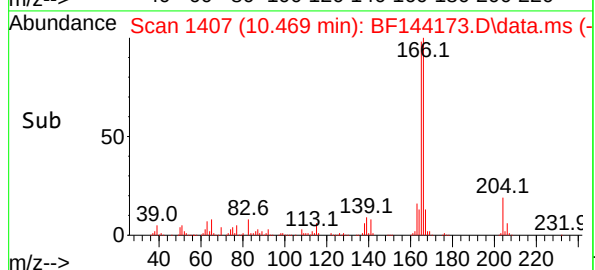
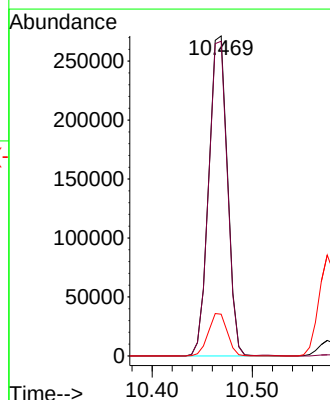
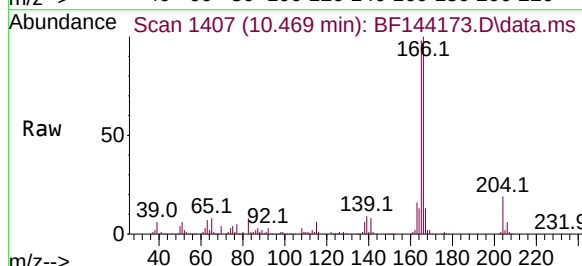
Tgt Ion:166 Resp: 351182

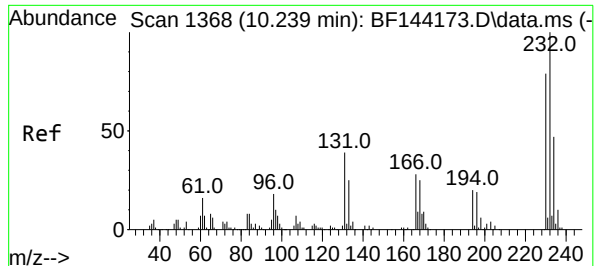
Ion Ratio Lower Upper

166 100

165 98.3 78.6 118.0

167 13.0 10.4 15.6

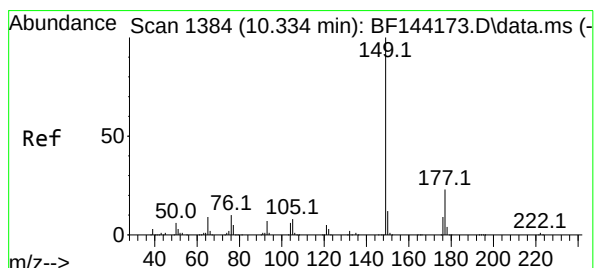
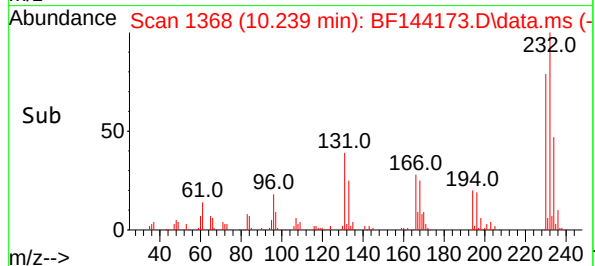
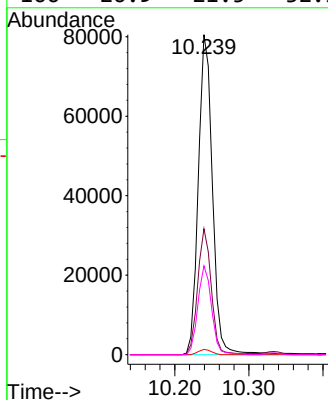
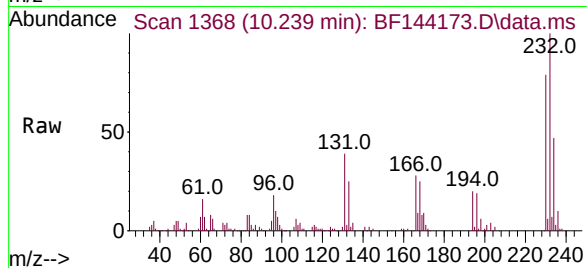




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.037 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

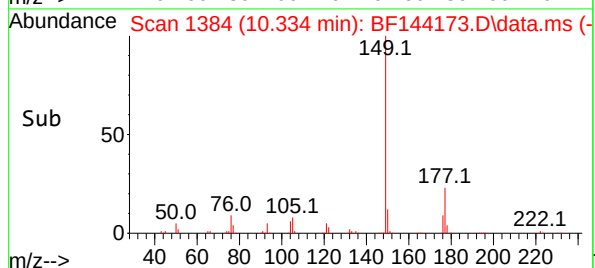
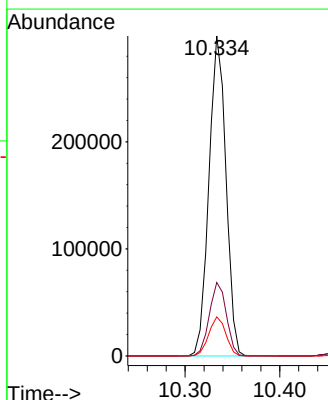
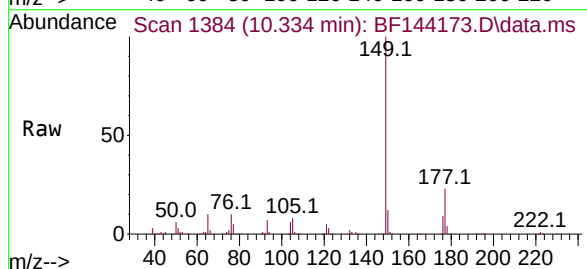
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

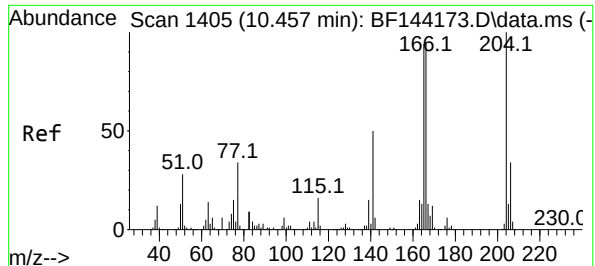
Tgt Ion:232 Resp: 106411
Ion Ratio Lower Upper
232 100
131 37.9 30.3 45.5
130 1.5 1.2 1.8
166 26.9 21.5 32.3



#60
Diethylphthalate
Concen: 41.061 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 373187
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.2 9.8 14.6

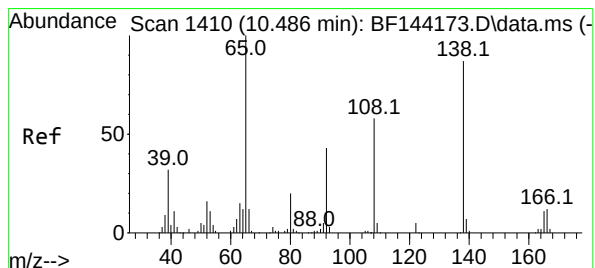
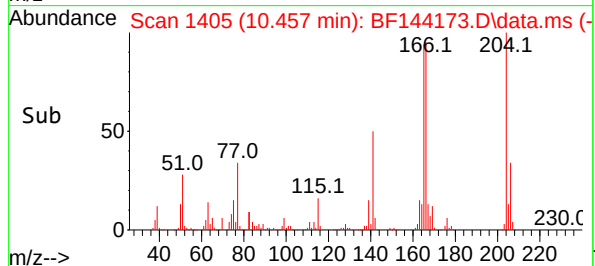
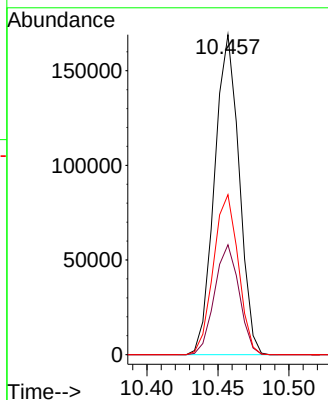
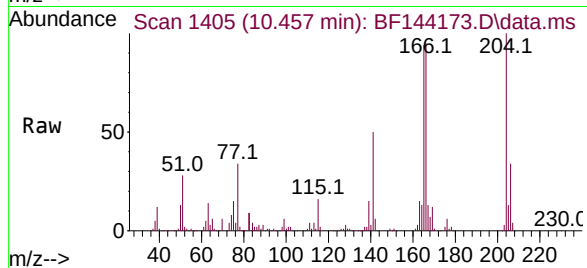




#61
4-Chlorophenyl-phenylether
Concen: 41.598 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

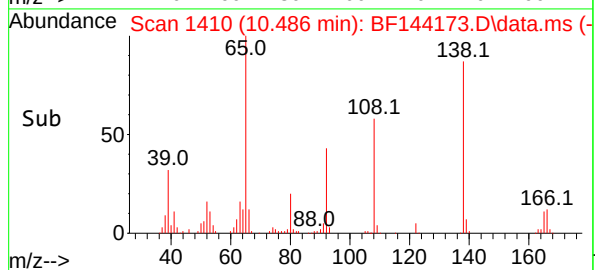
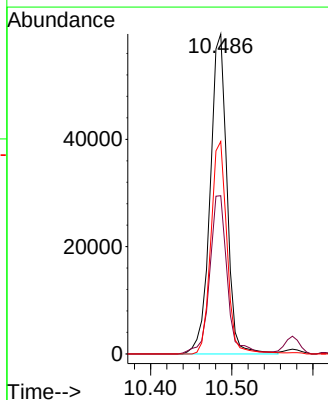
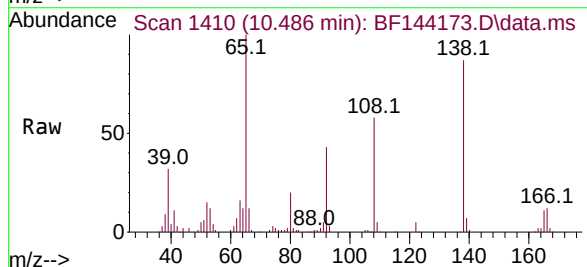
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

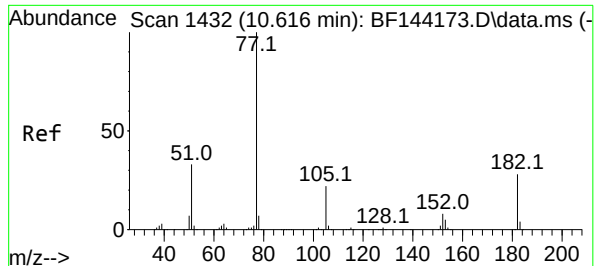
Tgt Ion:204 Resp: 203750
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 50.0 40.0 60.0



#62
4-Nitroaniline
Concen: 41.237 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:138 Resp: 85679
Ion Ratio Lower Upper
138 100
92 49.4 29.4 69.4
108 66.4 46.4 86.4

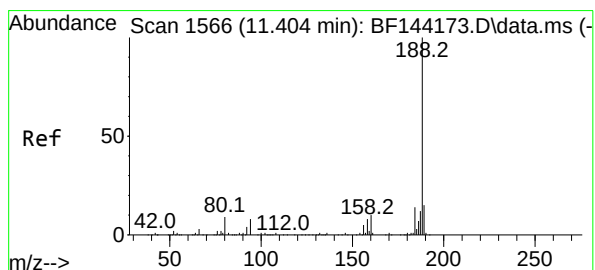
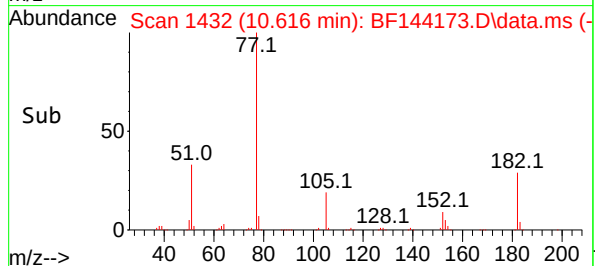
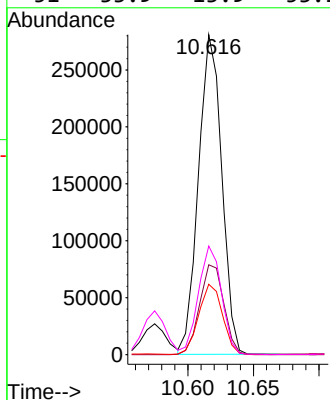
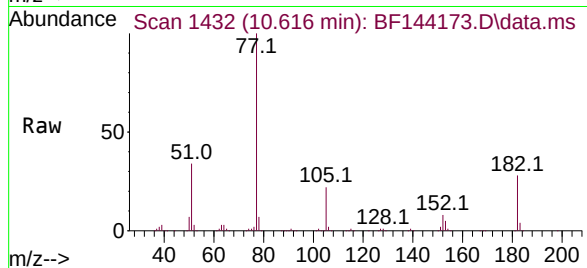




#63
Azobenzene
Concen: 40.948 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

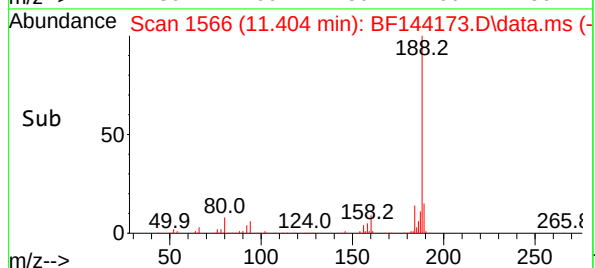
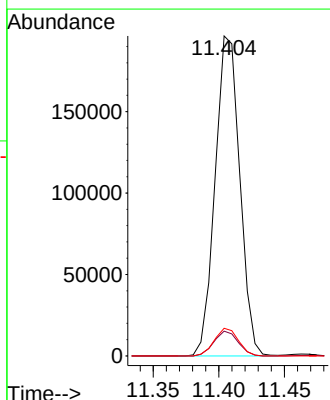
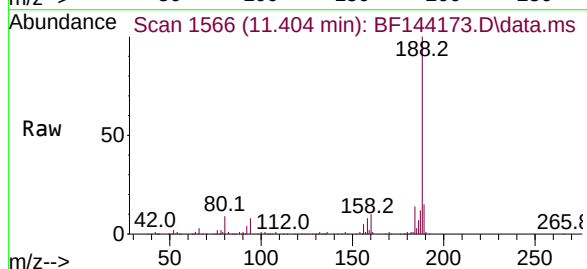
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

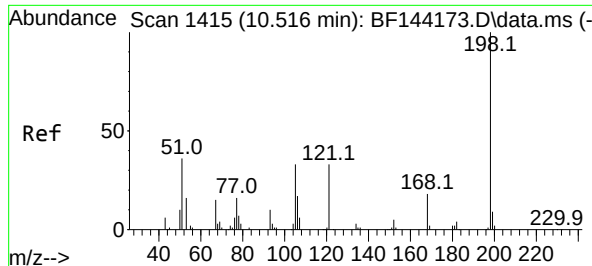
Tgt Ion: 77 Resp: 346367
Ion Ratio Lower Upper
77 100
182 28.1 8.1 48.1
105 22.0 2.0 42.0
51 33.9 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 188 Resp: 257329
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 8.6 6.9 10.3

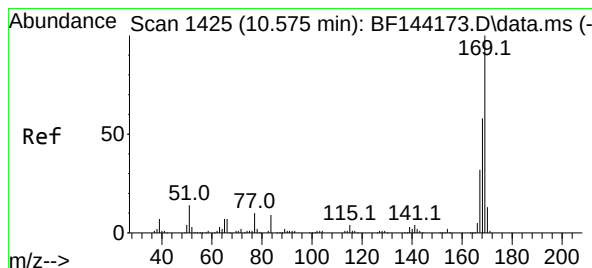
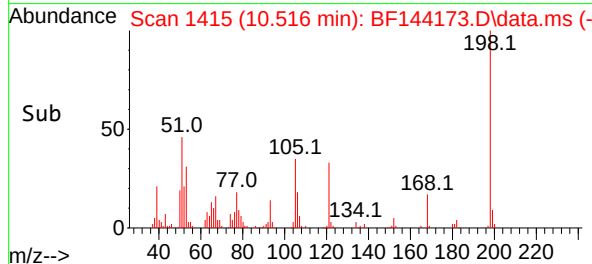
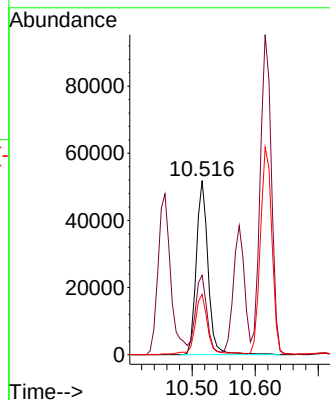
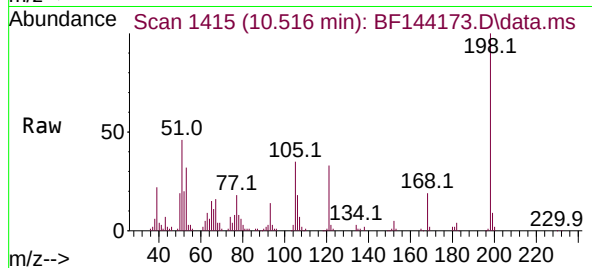




#65
4,6-Dinitro-2-methylphenol
Concen: 38.343 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

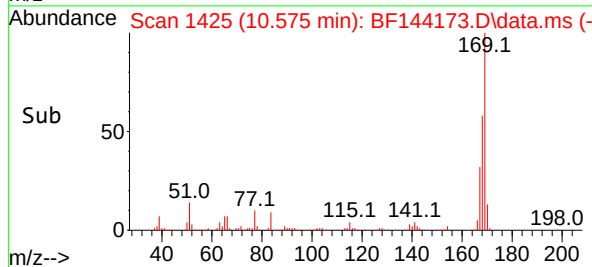
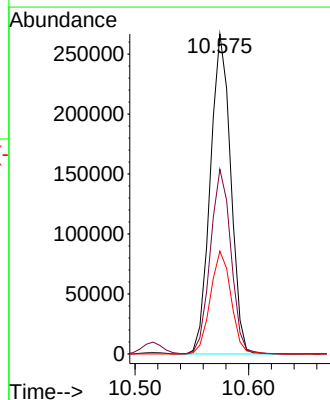
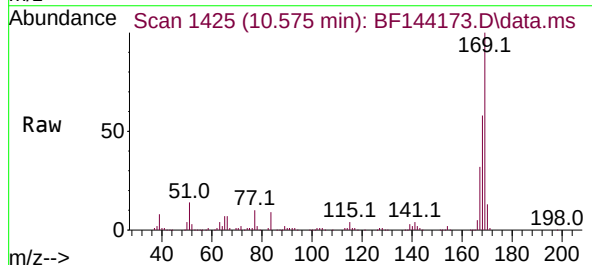
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

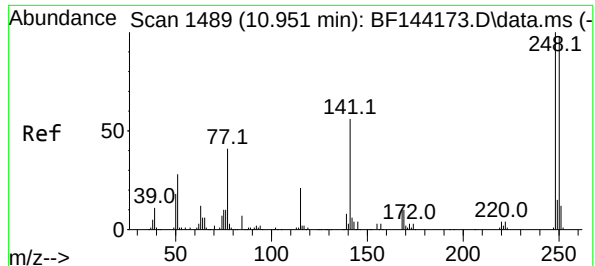
Tgt Ion:198 Resp: 67029
Ion Ratio Lower Upper
198 100
51 45.6 25.6 65.6
105 34.6 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 40.189 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:169 Resp: 332623
Ion Ratio Lower Upper
169 100
168 57.7 46.2 69.2
167 32.1 25.7 38.5

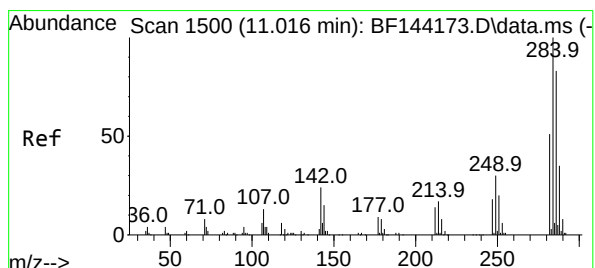
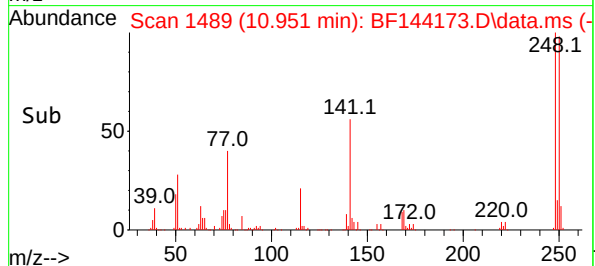
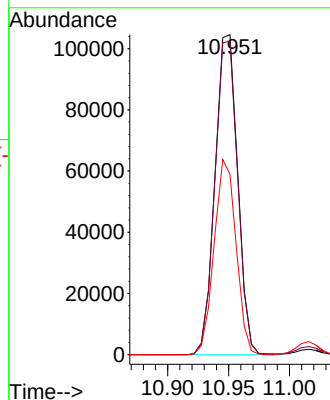
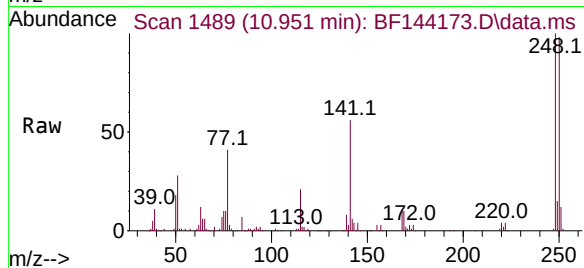




#67
4-Bromophenyl-phenylether
Concen: 41.198 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

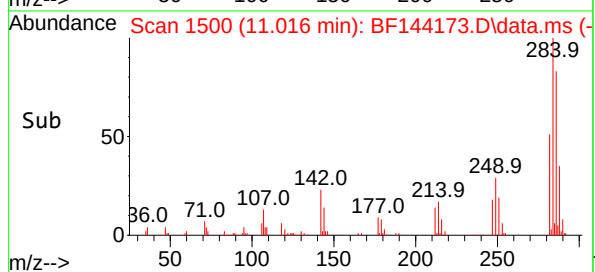
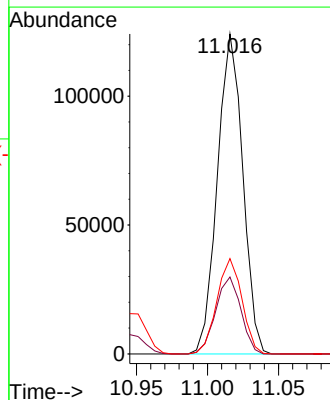
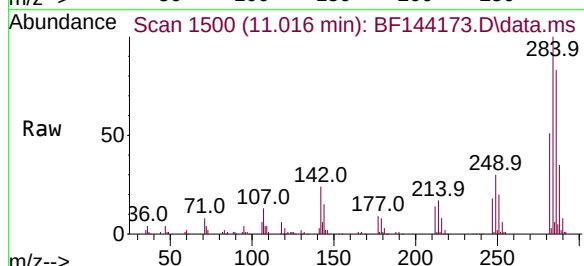
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

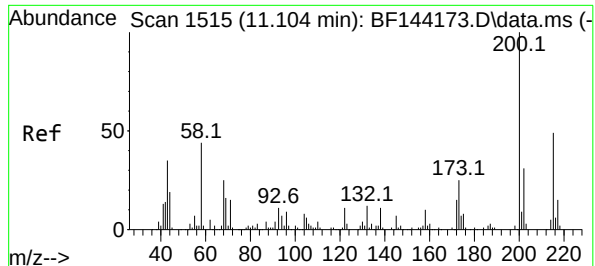
Tgt Ion:248 Resp: 135319
Ion Ratio Lower Upper
248 100
250 98.0 78.4 117.6
141 56.4 45.1 67.7



#68
Hexachlorobenzene
Concen: 39.943 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:284 Resp: 154532
Ion Ratio Lower Upper
284 100
142 24.0 19.2 28.8
249 29.8 23.8 35.8





#69

Atrazine

Concen: 40.239 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

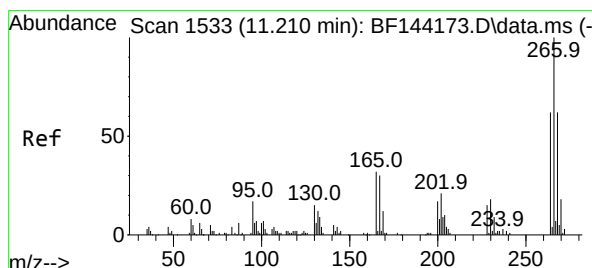
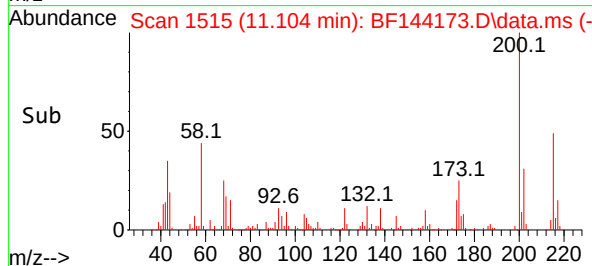
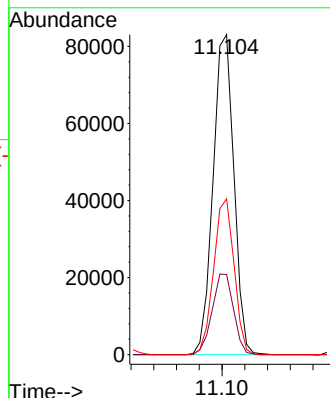
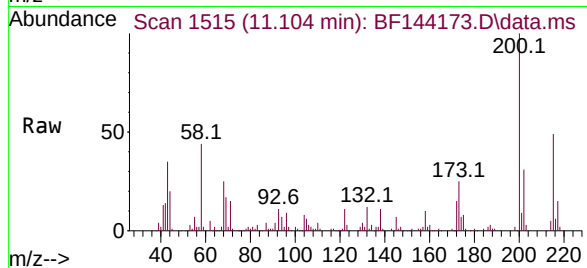
Tgt Ion:200 Resp: 105912

Ion Ratio Lower Upper

200 100

173 25.0 5.0 45.0

215 48.7 28.7 68.7



#70

Pentachlorophenol

Concen: 41.685 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

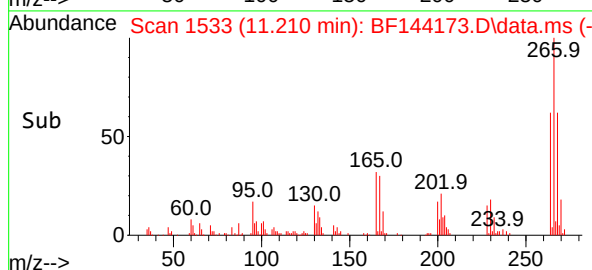
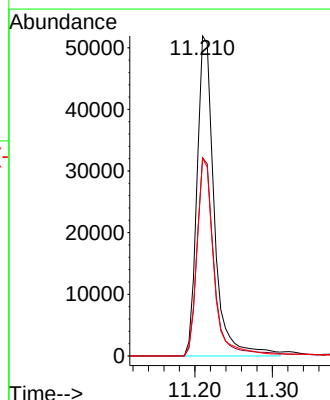
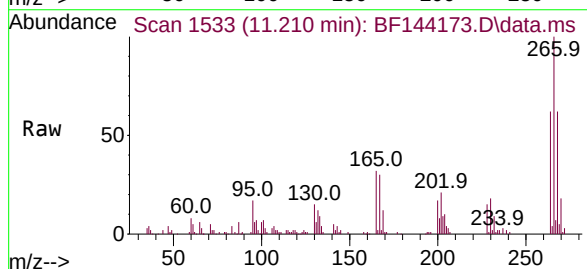
Tgt Ion:266 Resp: 80306

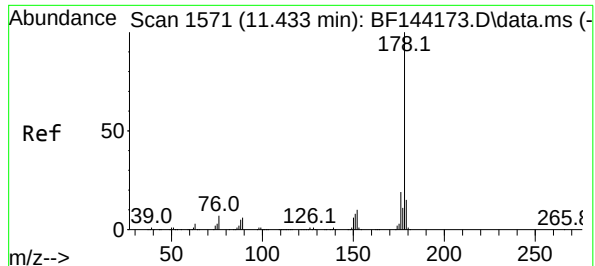
Ion Ratio Lower Upper

266 100

268 61.9 49.5 74.3

264 61.8 49.4 74.2

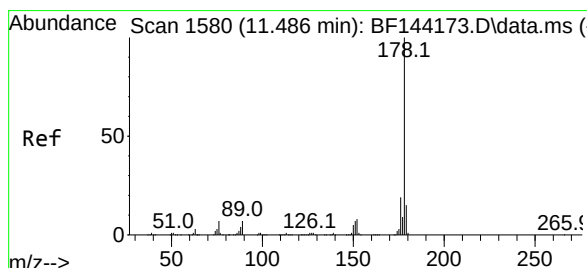
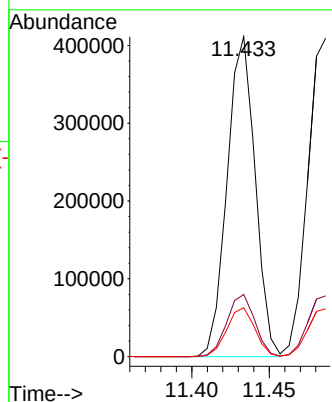
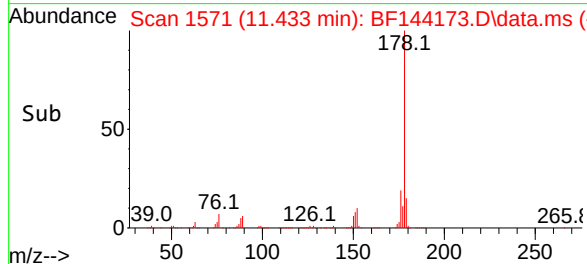
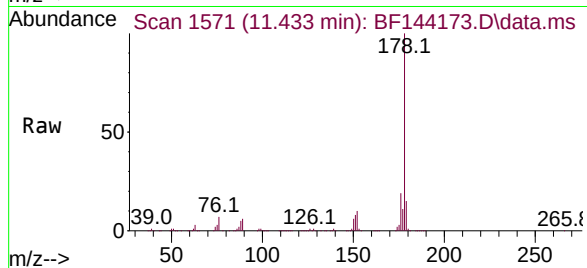




#71
Phenanthrene
Concen: 40.513 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

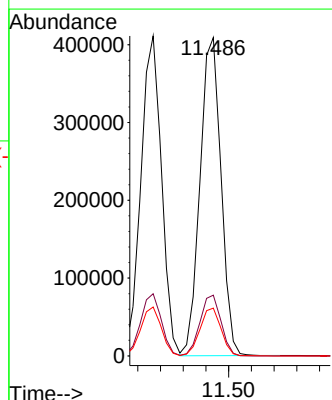
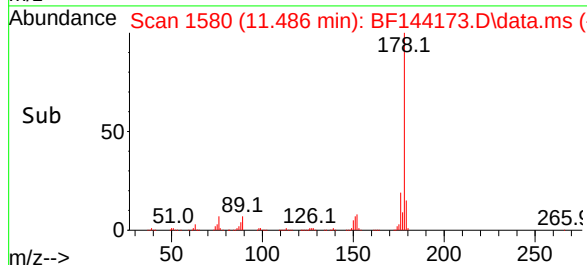
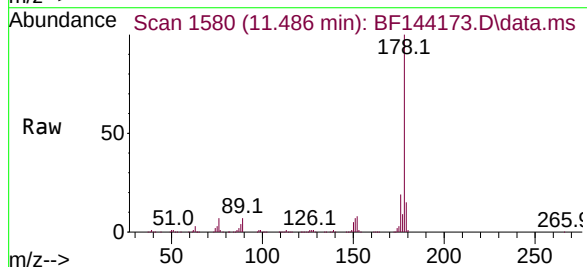
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

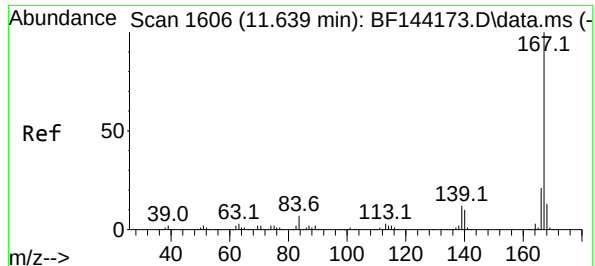
Tgt Ion:178 Resp: 519052
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.3 12.2 18.4



#72
Anthracene
Concen: 40.372 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:178 Resp: 525954
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.0 12.0 18.0

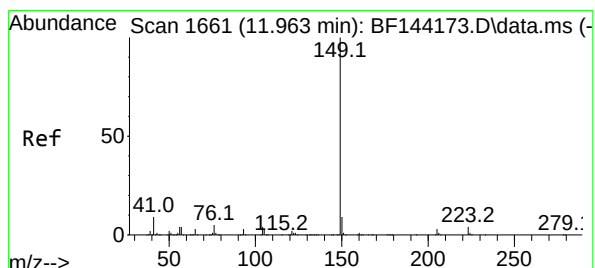
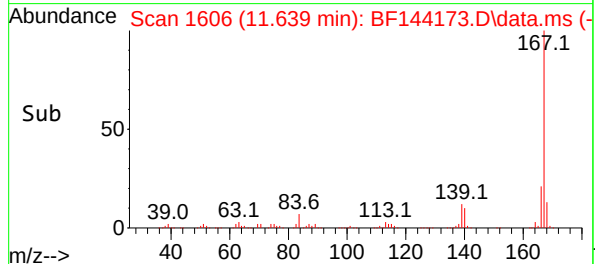
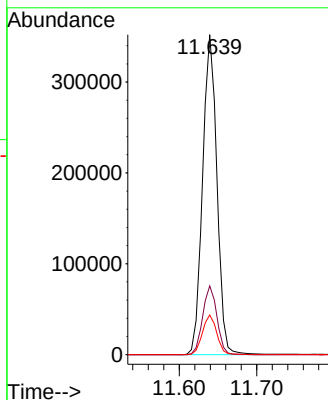
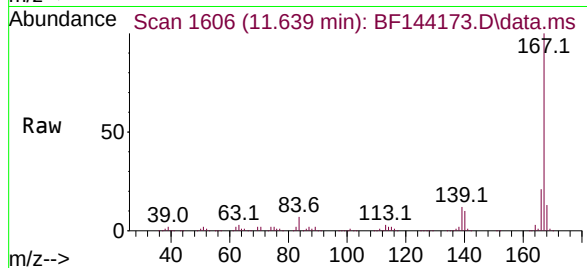




#73
Carbazole
Concen: 40.796 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

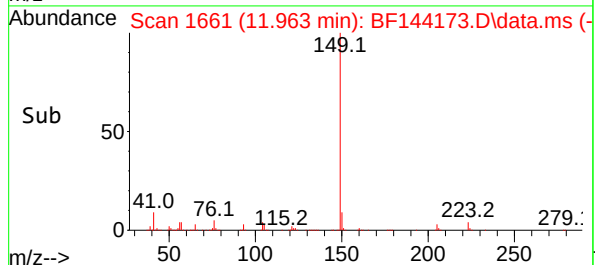
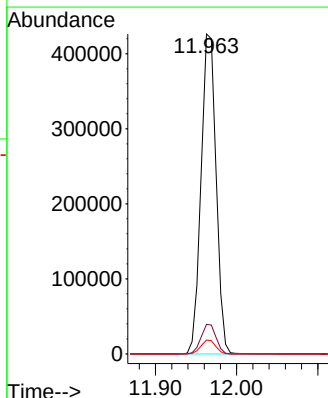
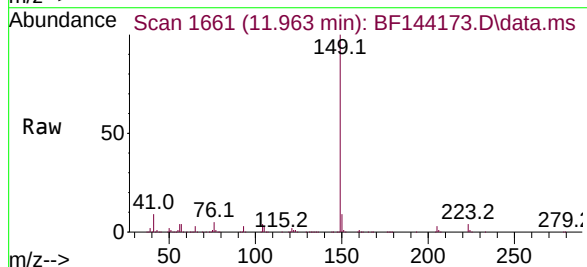
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

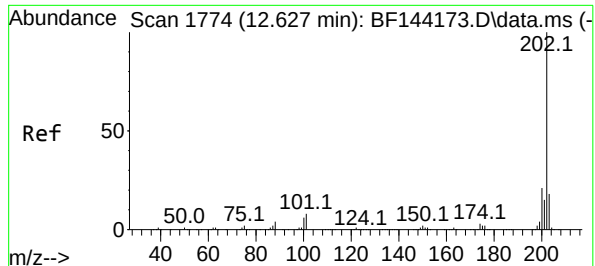
Tgt Ion:167 Resp: 451935
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.4 9.9 14.9



#74
Di-n-butylphthalate
Concen: 41.117 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 550628
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.3 3.4 5.2

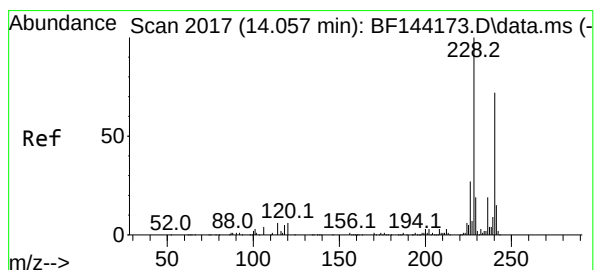
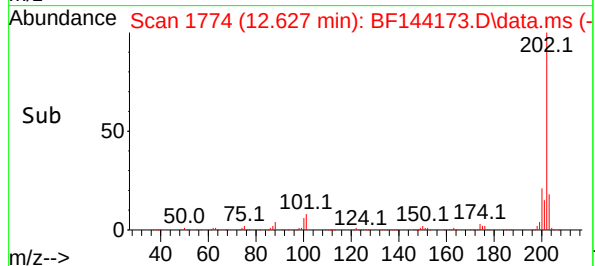
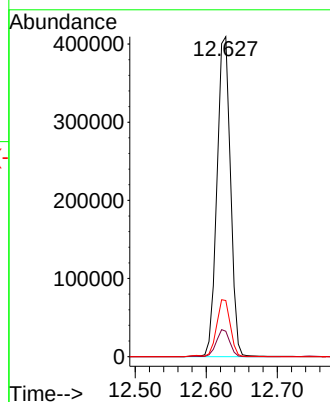
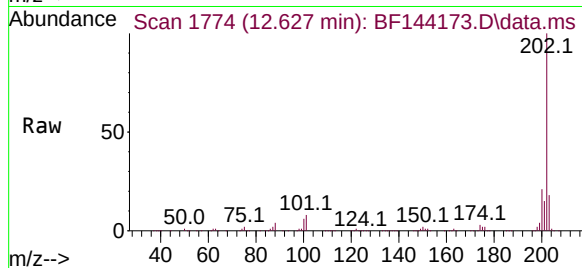




#75
Fluoranthene
Concen: 40.992 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

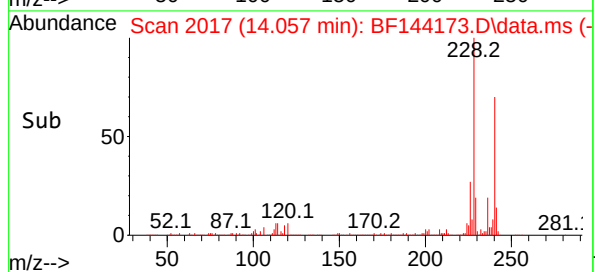
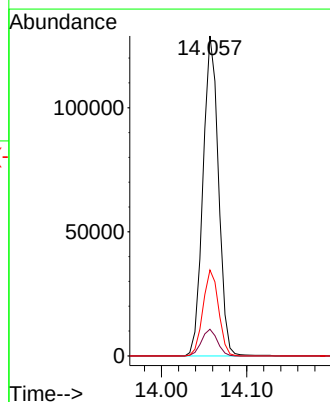
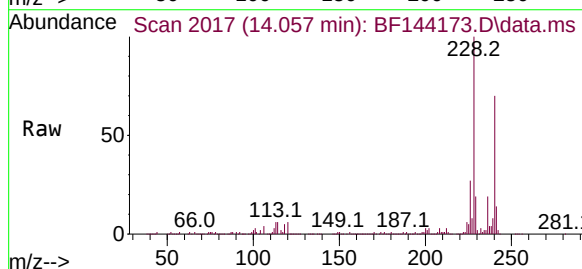
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

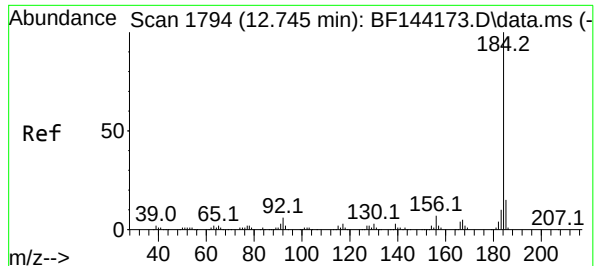
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	27.9
203	17.5	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.6	10.0
236	26.8	21.4	32.2





#77

Benzidine

Concen: 42.178 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

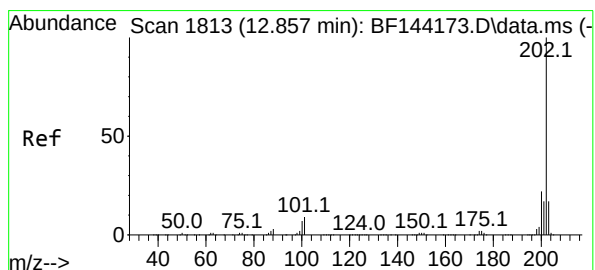
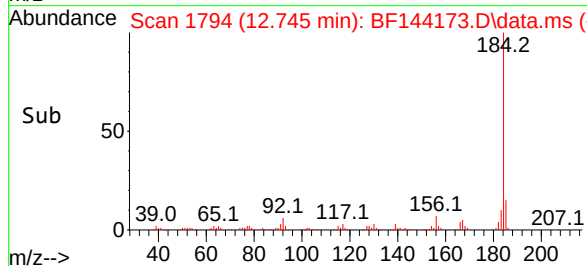
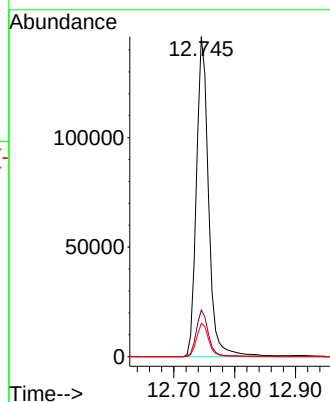
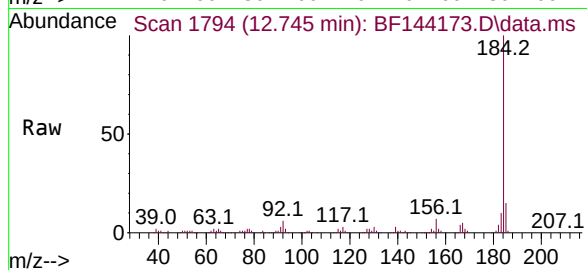
Tgt Ion:184 Resp: 202921

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 10.4 8.3 12.5



#78

Pyrene

Concen: 42.272 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

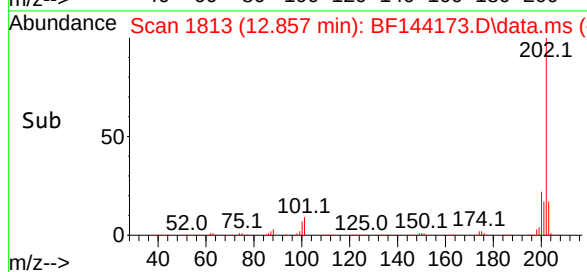
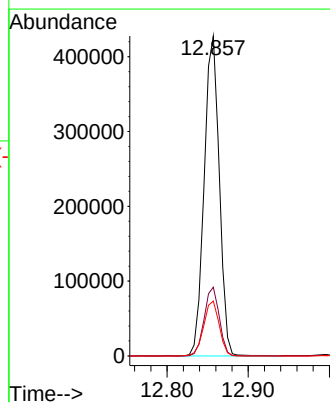
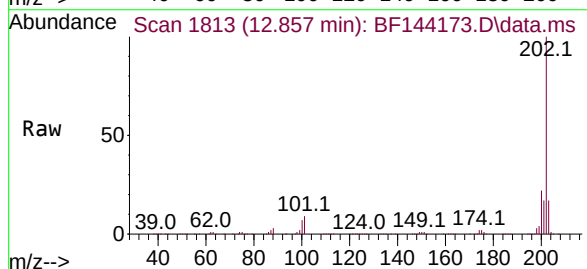
Tgt Ion:202 Resp: 554374

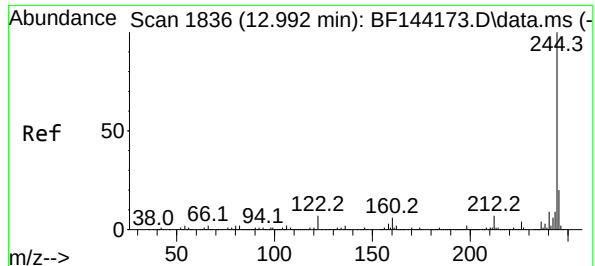
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 17.1 13.7 20.5





#79

Terphenyl-d14

Concen: 83.645 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

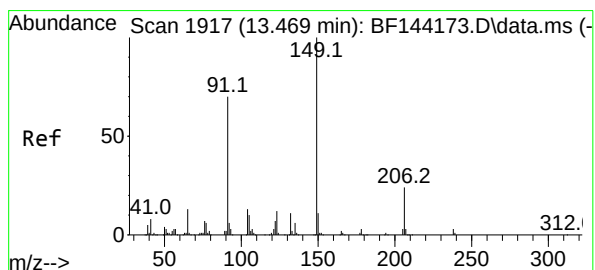
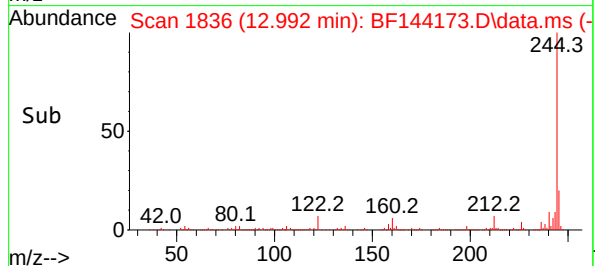
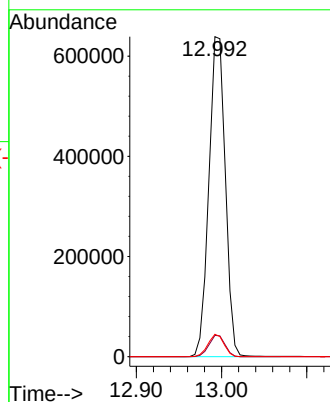
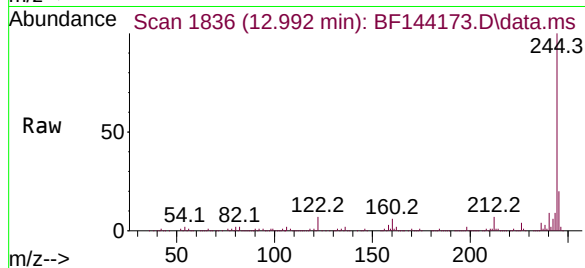
Tgt Ion:244 Resp: 856515

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 7.0 5.6 8.4



#80

Butylbenzylphthalate

Concen: 42.209 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

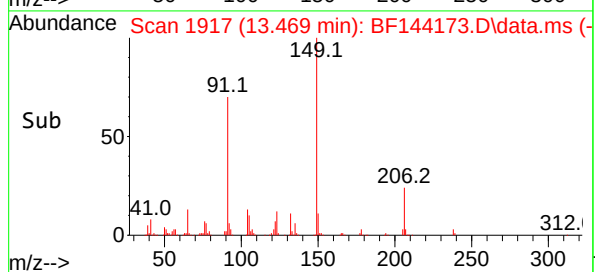
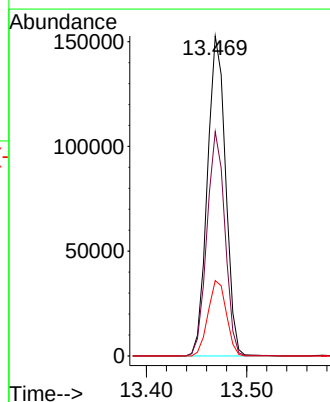
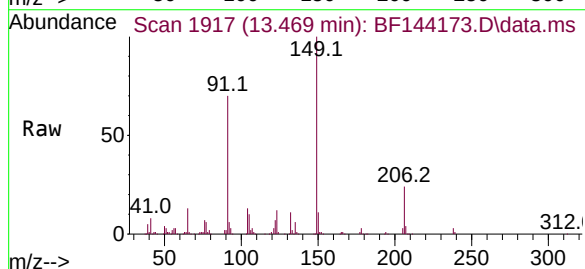
Tgt Ion:149 Resp: 191850

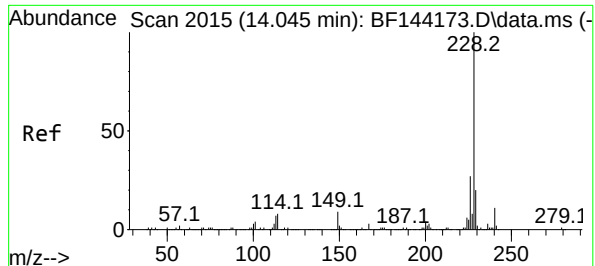
Ion Ratio Lower Upper

149 100

91 70.1 56.1 84.1

206 23.5 18.8 28.2

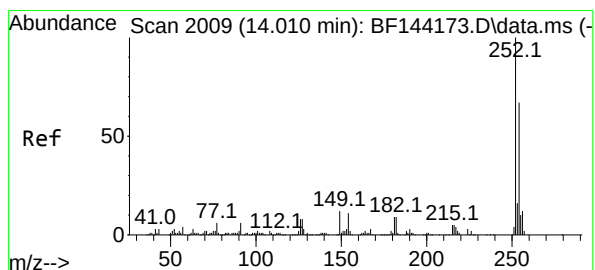
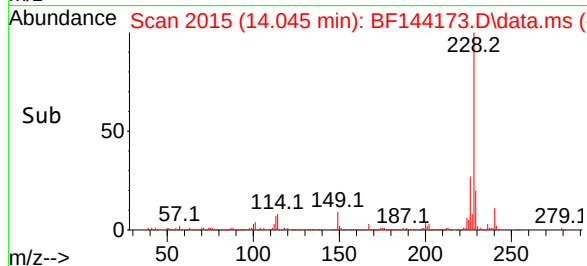
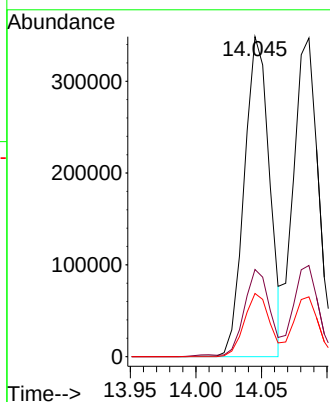
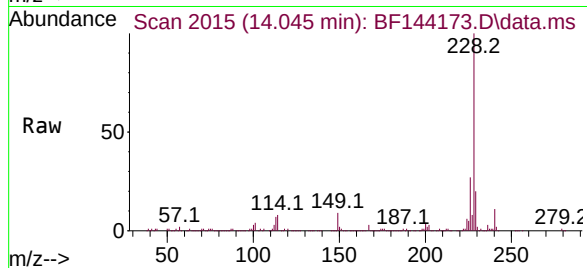




#81
Benzo(a)anthracene
Concen: 41.267 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

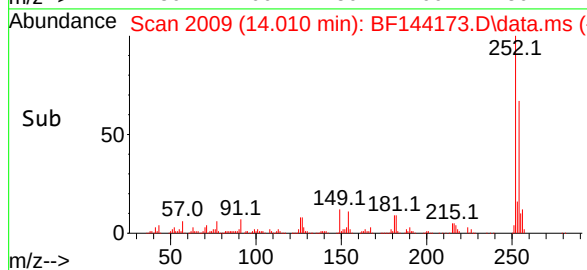
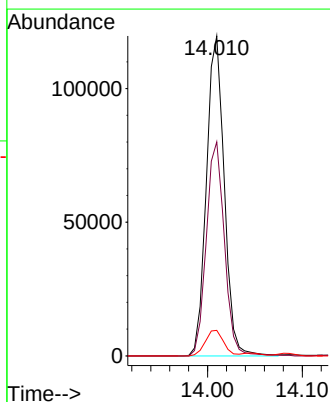
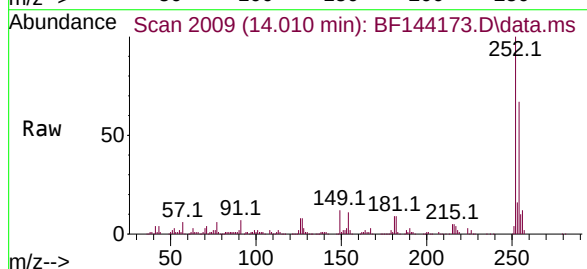
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

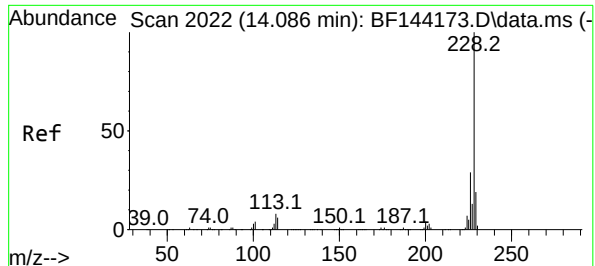
Tgt Ion:228 Resp: 465201
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 40.620 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:252 Resp: 156957
Ion Ratio Lower Upper
252 100
254 66.9 53.5 80.3
126 8.0 6.4 9.6

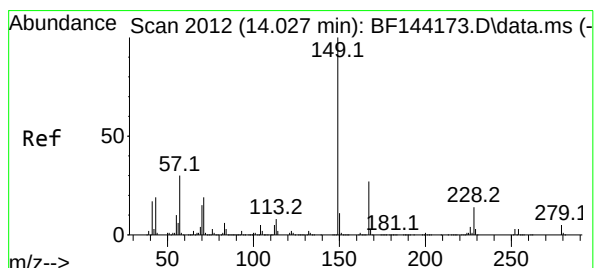
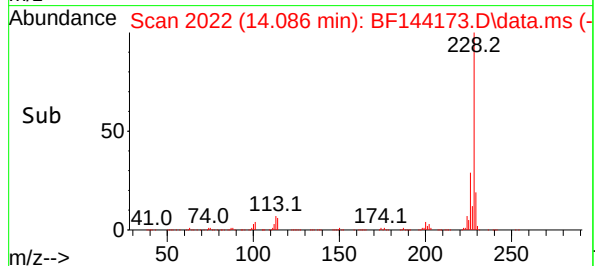
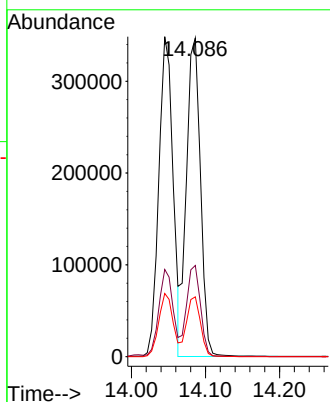
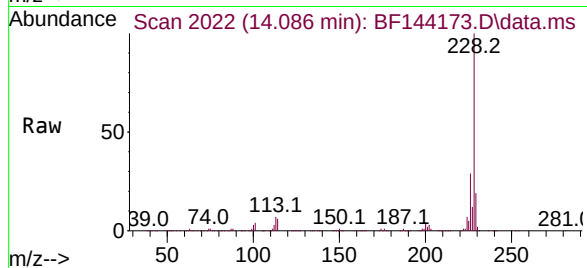




#83
Chrysene
Concen: 43.853 ng
RT: 14.086 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

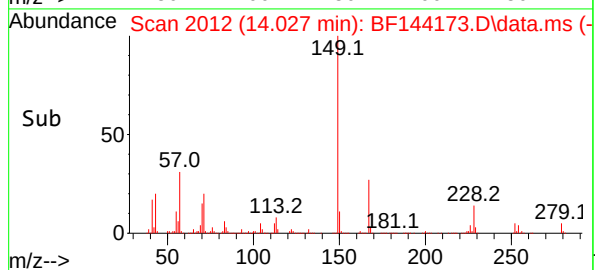
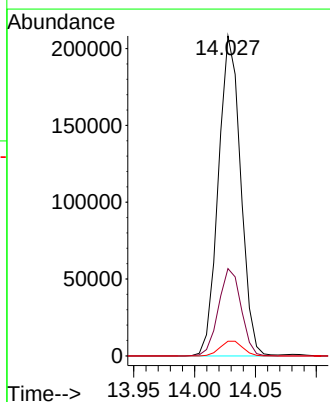
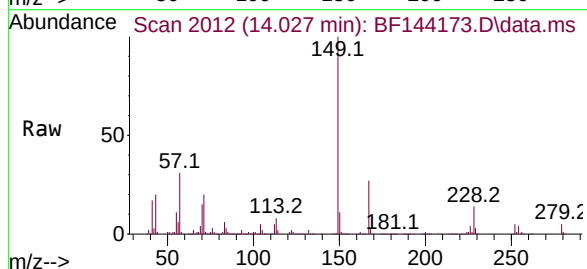
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

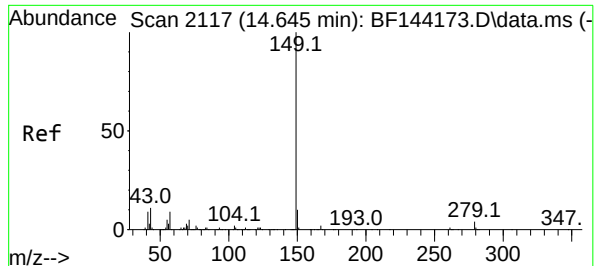
Tgt Ion:228 Resp: 456347
Ion Ratio Lower Upper
228 100
226 28.6 22.9 34.3
229 18.8 15.0 22.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.651 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 265384
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.8
279 4.6 3.7 5.5

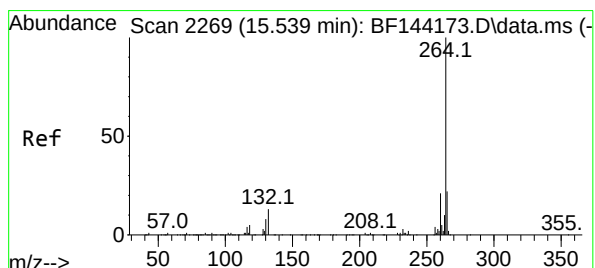
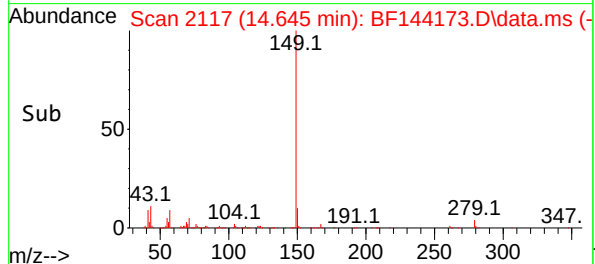
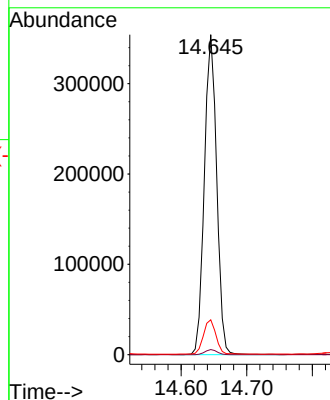
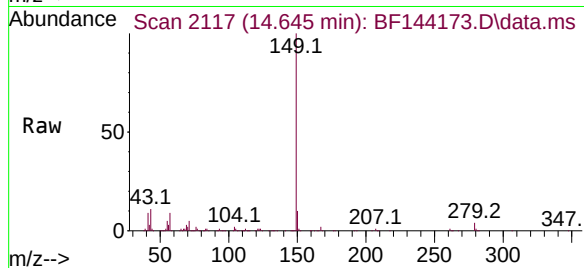




#85
Di-n-octyl phthalate
Concen: 42.739 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

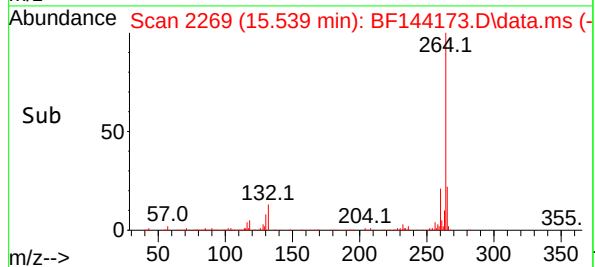
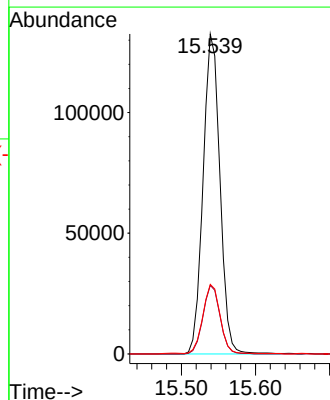
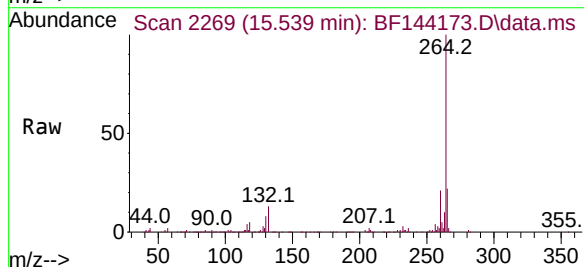
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

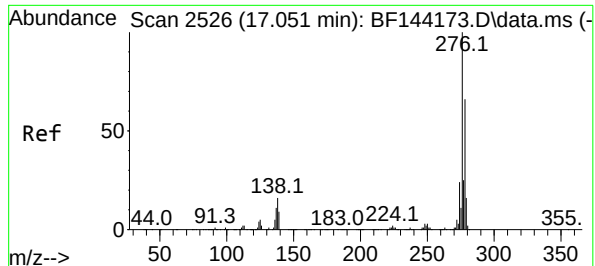
Tgt Ion:149 Resp: 458823
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.2 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:264 Resp: 208923
Ion Ratio Lower Upper
264 100
260 21.4 17.1 25.7
265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.385 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

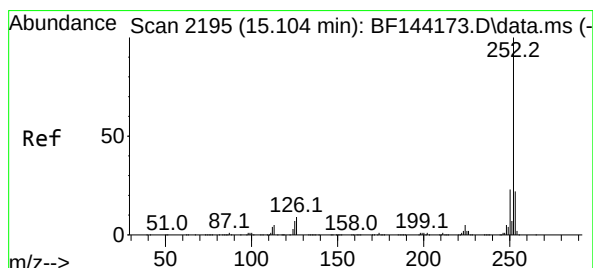
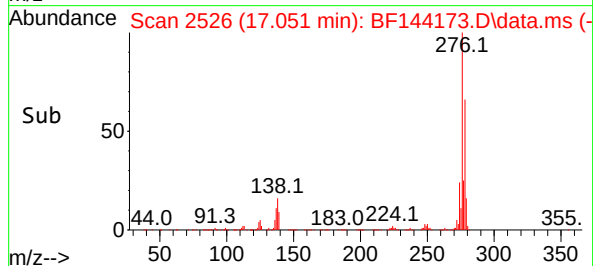
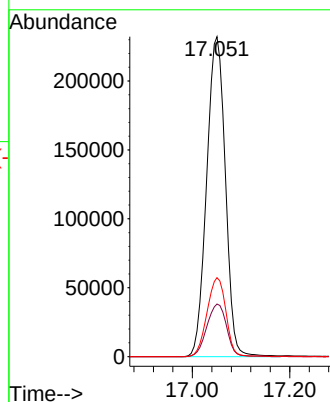
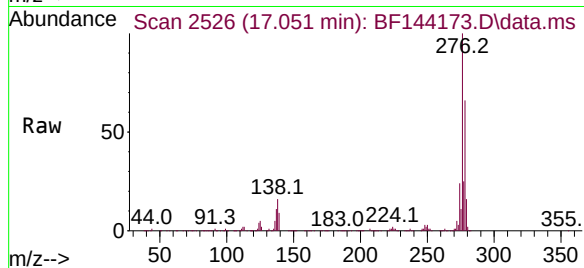
Tgt Ion:276 Resp: 620668

Ion Ratio Lower Upper

276 100

138 17.4 13.9 20.9

277 24.7 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 43.375 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

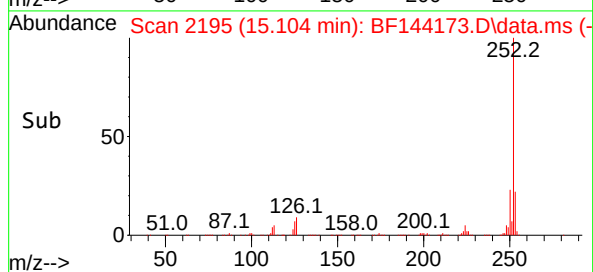
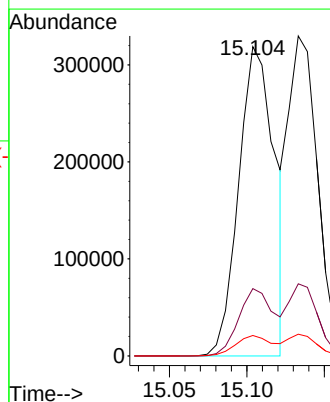
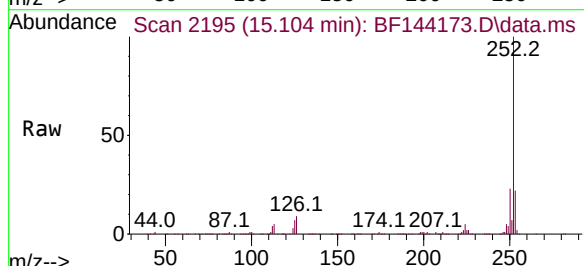
Tgt Ion:252 Resp: 515192

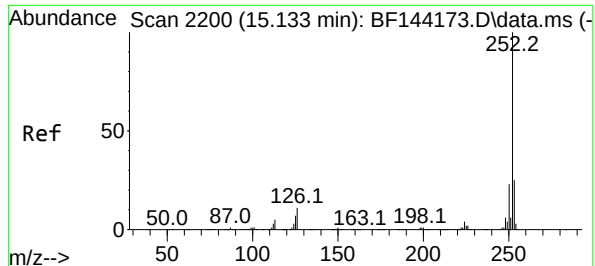
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 6.6 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 39.135 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

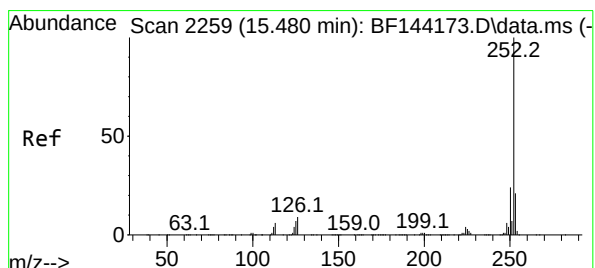
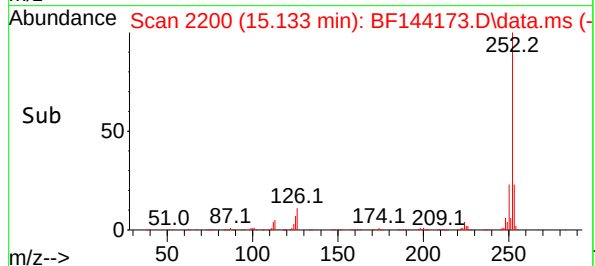
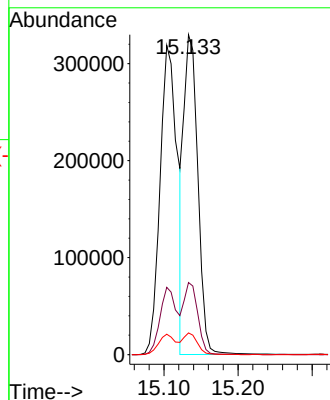
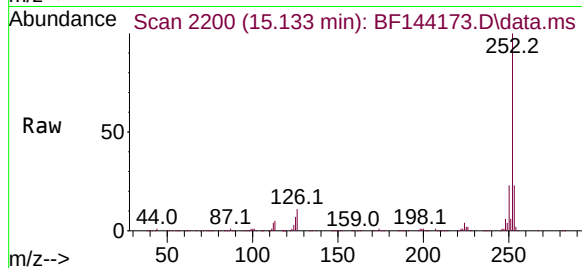
Tgt Ion:252 Resp: 435087

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 6.8 5.4 8.2



#90

Benzo(a)pyrene

Concen: 41.055 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

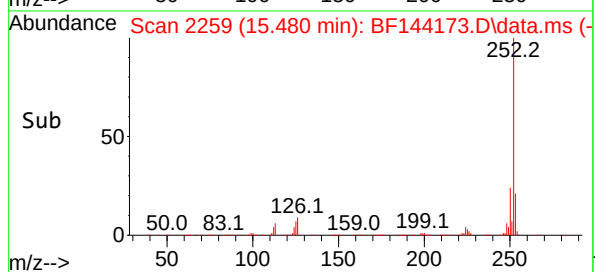
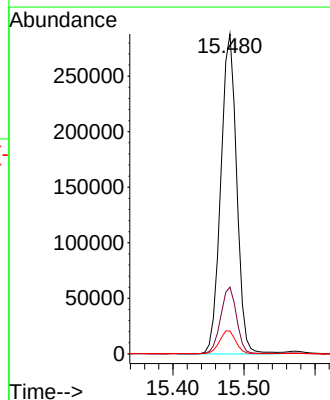
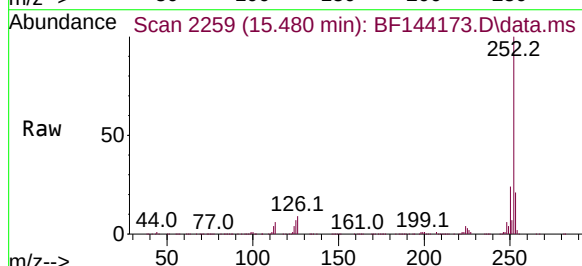
Tgt Ion:252 Resp: 449869

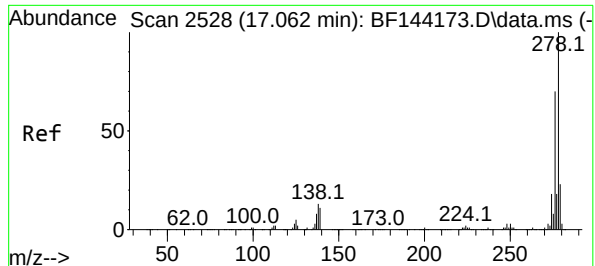
Ion Ratio Lower Upper

252 100

253 20.9 16.7 25.1

125 7.1 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 41.578 ng

RT: 17.062 min Scan# 2528

Delta R.T. -0.018 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

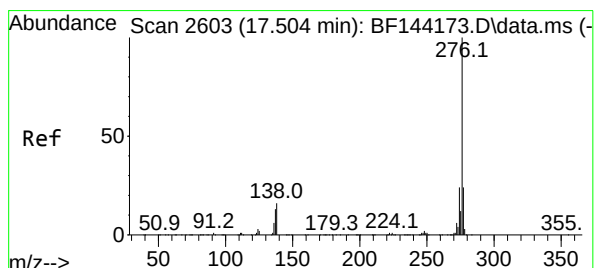
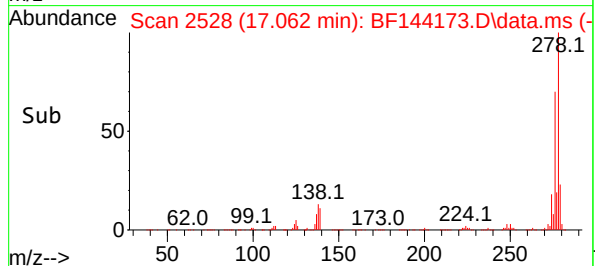
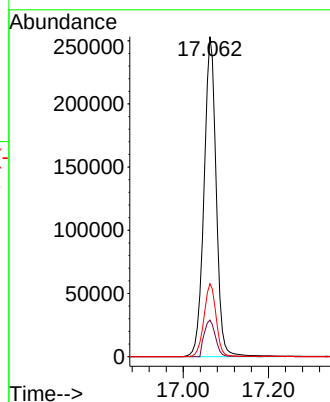
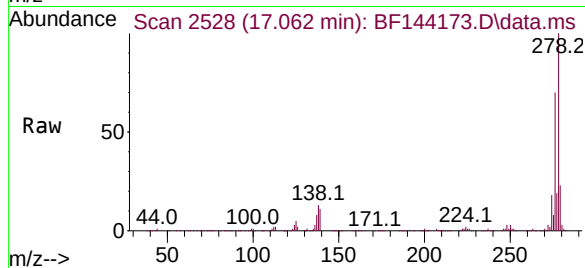
Tgt Ion:278 Resp: 500778

Ion Ratio Lower Upper

278 100

139 11.4 9.1 13.7

279 22.8 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 41.843 ng

RT: 17.504 min Scan# 2603

Delta R.T. -0.018 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

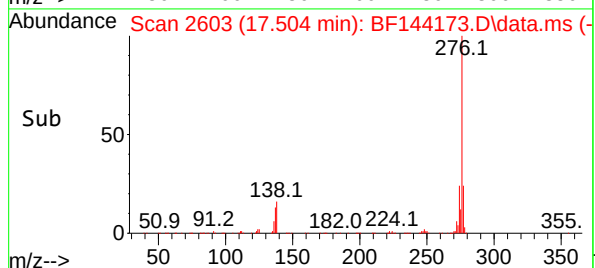
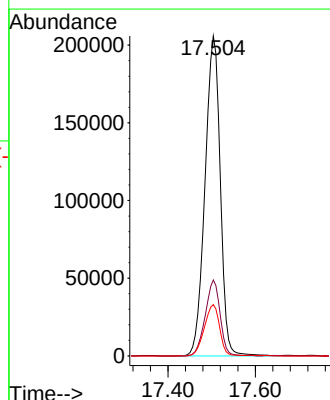
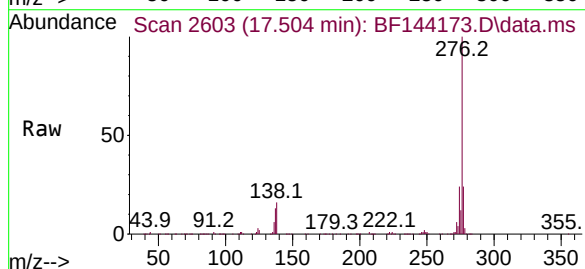
Tgt Ion:276 Resp: 497680

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 16.1 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144174.D
 Acq On : 05 Nov 2025 15:49
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Nov 05 17:24:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	84549	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	313425	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	170294	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	283828	20.000	ng	0.00
76) Chrysene-d12	14.063	240	194366	20.000	ng	0.00
86) Perylene-d12	15.545	264	264861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	489170	90.538	ng	0.00
7) Phenol-d6	6.504	99	541465	88.447	ng	0.00
23) Nitrobenzene-d5	7.439	82	502493	92.595	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	192917	90.275	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1002454	86.941	ng	0.00
79) Terphenyl-d14	12.998	244	1012618	82.754	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.605	88	105785	47.358	ng	97
3) Pyridine	3.375	79	291313	46.746	ng	98
4) n-Nitrosodimethylamine	3.334	42	152767	46.930	ng	98
6) Aniline	6.540	93	389058	44.605	ng	99
8) 2-Chlorophenol	6.663	128	243472	45.950	ng	99
9) Benzaldehyde	6.428	77	141949	41.062	ng	97
10) Phenol	6.522	94	330203	44.146	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	244159	44.798	ng	97
12) 1,3-Dichlorobenzene	6.816	146	295294	45.164	ng	98
13) 1,4-Dichlorobenzene	6.892	146	290027	44.277	ng	100
14) 1,2-Dichlorobenzene	7.045	146	280070	44.609	ng	99
15) Benzyl Alcohol	7.016	79	221836	45.762	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	453774	45.212	ng	98
17) 2-Methylphenol	7.128	107	189260	44.899	ng	100
18) Hexachloroethane	7.387	117	98682	45.346	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	171911	42.657	ng	95
20) 3+4-Methylphenols	7.281	107	217734	43.819	ng	92
22) Acetophenone	7.287	105	297391	44.230	ng	96
24) Nitrobenzene	7.463	77	268336	45.541	ng	98
25) Isophorone	7.698	82	455511	44.376	ng	98
26) 2-Nitrophenol	7.775	139	136351	46.747	ng	97
27) 2,4-Dimethylphenol	7.810	122	204079	46.681	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	291202	45.429	ng	98
29) 2,4-Dichlorophenol	8.016	162	226748	45.001	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	231992	44.838	ng	99
31) Naphthalene	8.181	128	665821	44.658	ng	99
32) Benzoic acid	7.928	122	129332	40.359	ng	98
33) 4-Chloroaniline	8.228	127	241956	44.496	ng	99
34) Hexachlorobutadiene	8.292	225	181564	46.562	ng	98
35) Caprolactam	8.604	113	58430	42.327	ng	# 88
36) 4-Chloro-3-methylphenol	8.710	107	202891	44.930	ng	96
37) 2-Methylnaphthalene	8.875	142	438395	43.979	ng	99
38) 1-Methylnaphthalene	8.969	142	419784	43.644	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	250210	44.832	ng	98
41) Hexachlorocyclopentadiene	9.022	237	86860	48.007	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	174024	45.813	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144174.D
 Acq On : 05 Nov 2025 15:49
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Nov 05 17:24:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

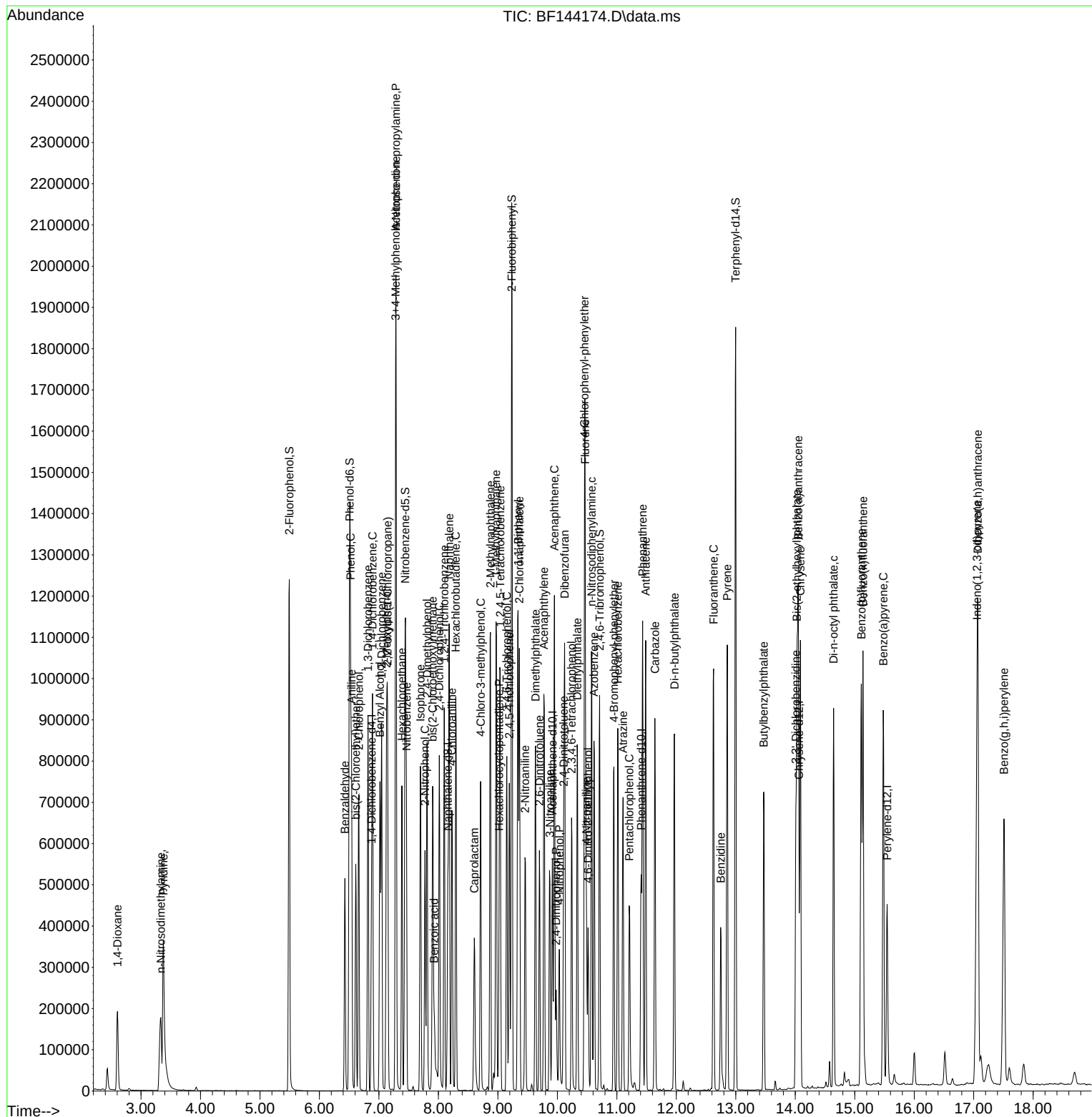
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	186449	45.542	ng	100
46) 1,1'-Biphenyl	9.339	154	527437	44.371	ng	99
47) 2-Chloronaphthalene	9.363	162	454778	44.851	ng	99
48) 2-Nitroaniline	9.457	65	138845	47.458	ng	97
49) Acenaphthylene	9.775	152	613066	44.368	ng	99
50) Dimethylphthalate	9.633	163	497451	44.094	ng	100
51) 2,6-Dinitrotoluene	9.698	165	107091	46.892	ng	99
52) Acenaphthene	9.951	154	407187	44.067	ng	99
53) 3-Nitroaniline	9.875	138	112371	45.012	ng	99
54) 2,4-Dinitrophenol	9.981	184	56551	41.007	ng	97
55) Dibenzofuran	10.122	168	569268	43.989	ng	99
56) 4-Nitrophenol	10.033	139	78636	43.544	ng	98
57) 2,4-Dinitrotoluene	10.104	165	139501	45.629	ng	98
58) Fluorene	10.469	166	424429	43.136	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	134554	46.453	ng	98
60) Diethylphthalate	10.333	149	457569	43.997	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	242650	43.294	ng	96
62) 4-Nitroaniline	10.486	138	108312	45.557	ng	97
63) Azobenzene	10.616	77	423631	43.768	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	85232	44.204	ng	98
66) n-Nitrosodiphenylamine	10.575	169	409670	44.877	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	161600	44.606	ng	99
68) Hexachlorobenzene	11.016	284	193574	45.364	ng	97
69) Atrazine	11.104	200	127465	43.906	ng	99
70) Pentachlorophenol	11.210	266	96941	45.622	ng	97
71) Phenanthrene	11.433	178	633088	44.800	ng	100
72) Anthracene	11.486	178	636448	44.292	ng	99
73) Carbazole	11.639	167	540957	44.273	ng	100
74) Di-n-butylphthalate	11.969	149	650810	44.060	ng	100
75) Fluoranthene	12.627	202	645856	44.244	ng	99
77) Benzidine	12.745	184	248615	43.243	ng	99
78) Pyrene	12.857	202	666673	42.540	ng	100
80) Butylbenzylphthalate	13.469	149	242259	44.602	ng	99
81) Benzo(a)anthracene	14.051	228	626599	46.515	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	214437	46.440	ng	97
83) Chrysene	14.086	228	565678	45.489	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	342489	46.061	ng	99
85) Di-n-octyl phthalate	14.645	149	616644	48.068	ng	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	867786	45.642	ng	99
88) Benzo(b)fluoranthene	15.110	252	663728	44.079	ng	99
89) Benzo(k)fluoranthene	15.139	252	661746	46.952	ng	98
90) Benzo(a)pyrene	15.480	252	637370	45.882	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	688620	45.098	ng	98
92) Benzo(g,h,i)perylene	17.509	276	680830	45.152	ng	99

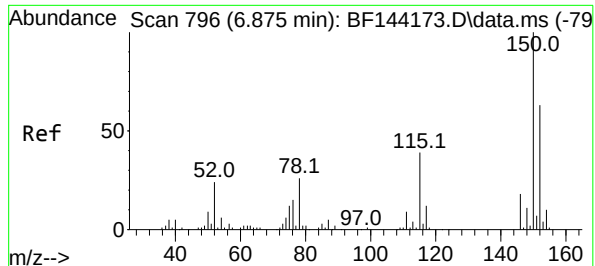
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144174.D
Acq On : 05 Nov 2025 15:49
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Nov 05 17:24:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

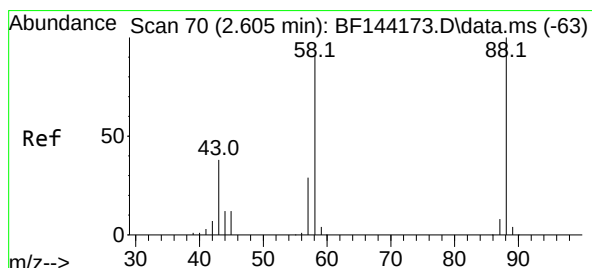
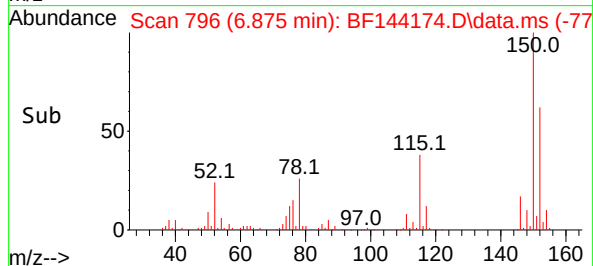
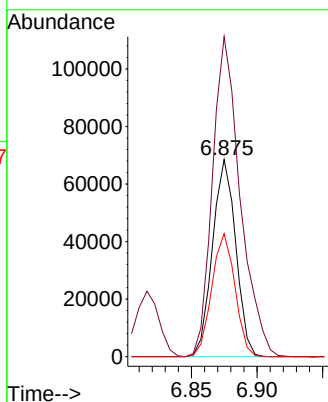
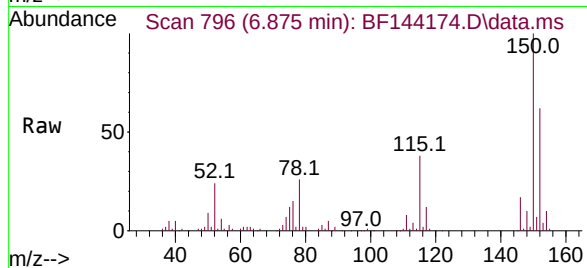




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

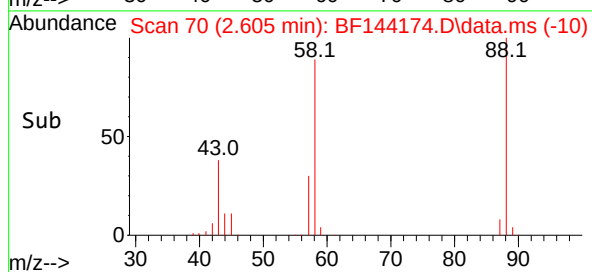
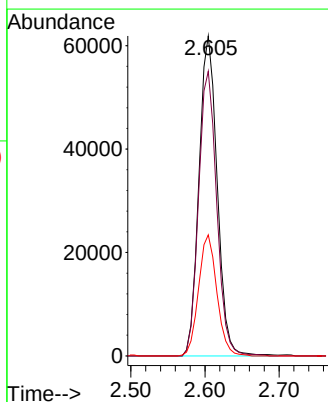
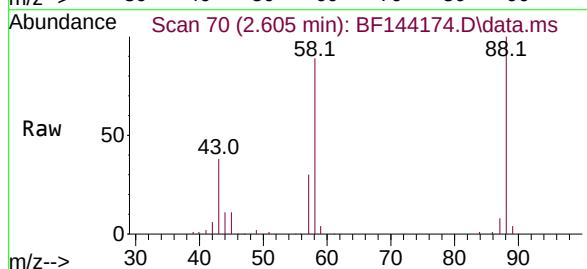
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

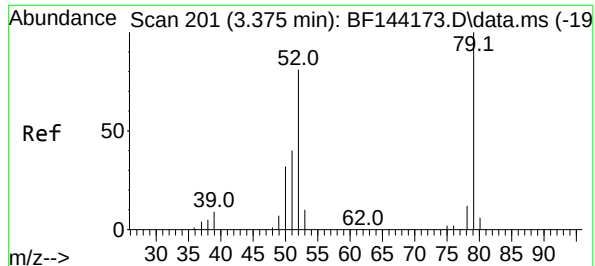
Tgt Ion:152 Resp: 84549
Ion Ratio Lower Upper
152 100
150 162.4 127.4 191.0
115 62.4 49.5 74.3



#2
1,4-Dioxane
Concen: 47.358 ng
RT: 2.605 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 88 Resp: 105785
Ion Ratio Lower Upper
88 100
58 88.5 73.1 109.7
43 38.0 31.0 46.6





#3

Pyridine

Concen: 46.746 ng

RT: 3.375 min Scan# 201

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

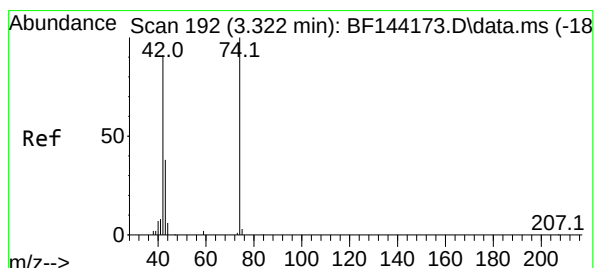
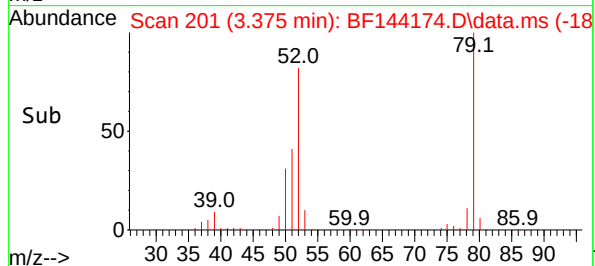
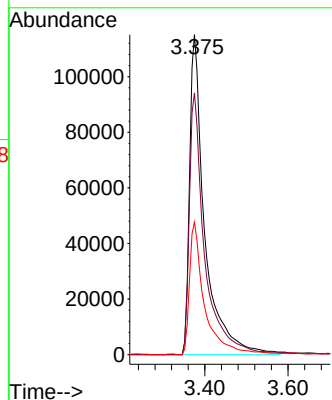
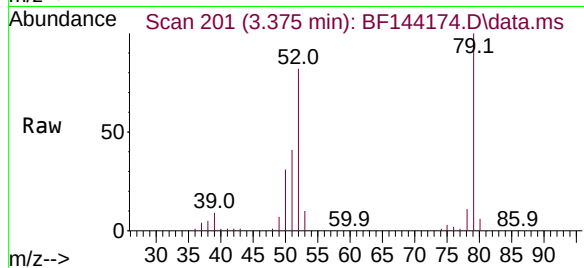
Tgt Ion: 79 Resp: 291313

Ion Ratio Lower Upper

79 100

52 81.8 64.5 96.7

51 41.4 31.7 47.5



#4

n-Nitrosodimethylamine

Concen: 46.930 ng

RT: 3.334 min Scan# 194

Delta R.T. -0.012 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

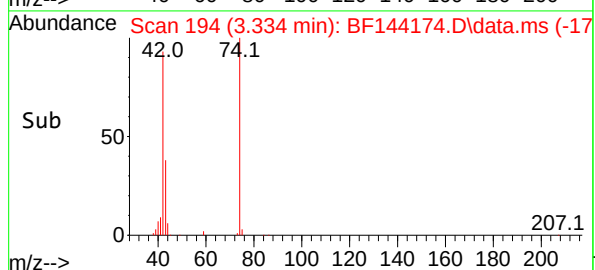
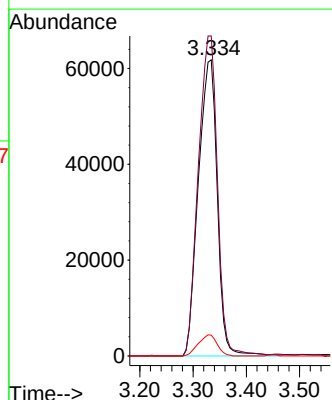
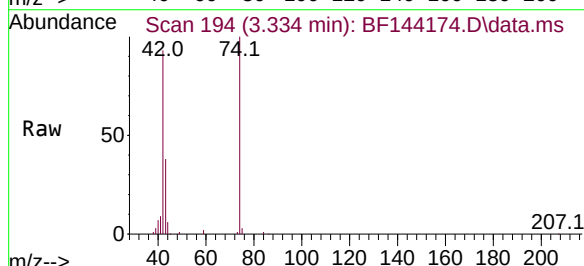
Tgt Ion: 42 Resp: 152767

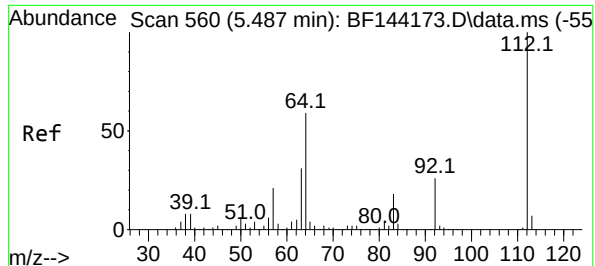
Ion Ratio Lower Upper

42 100

74 108.1 88.2 132.4

44 7.0 5.7 8.5



#5
2-Fluorophenol

Concen: 90.538 ng

RT: 5.493 min Scan# 561

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

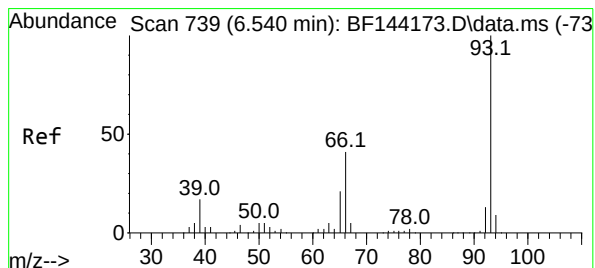
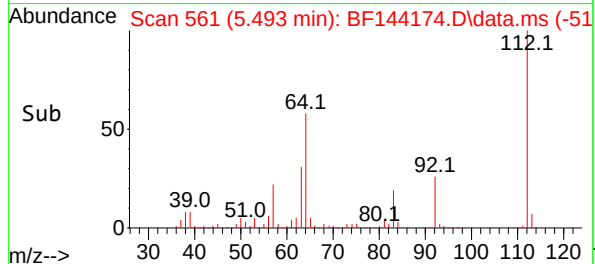
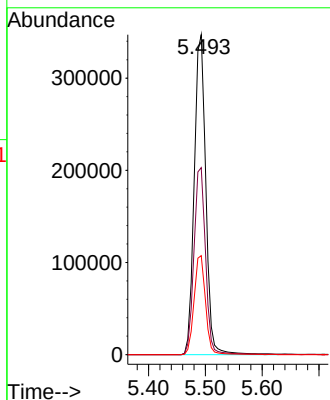
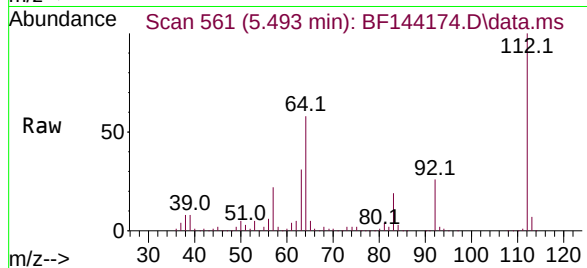
Tgt Ion:112 Resp: 489170

Ion Ratio Lower Upper

112 100

64 58.4 47.2 70.8

63 30.9 24.4 36.6



#6

Aniline

Concen: 44.605 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

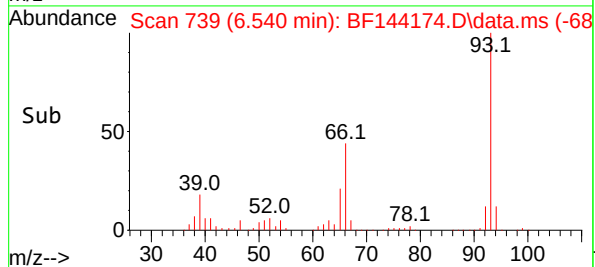
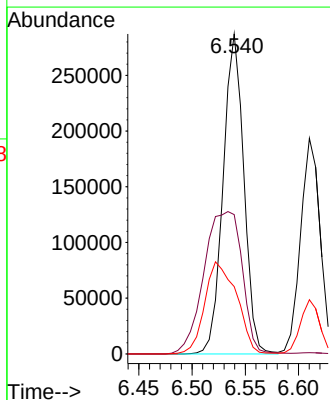
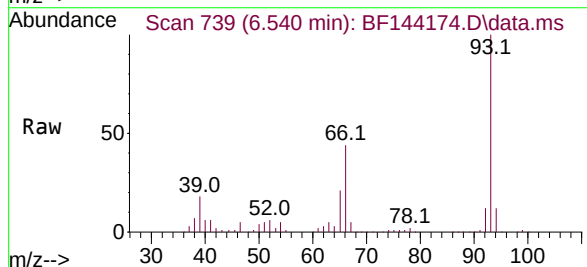
Tgt Ion: 93 Resp: 389058

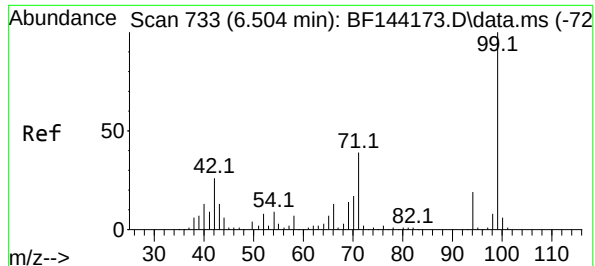
Ion Ratio Lower Upper

93 100

66 43.5 34.3 51.5

65 21.0 16.9 25.3

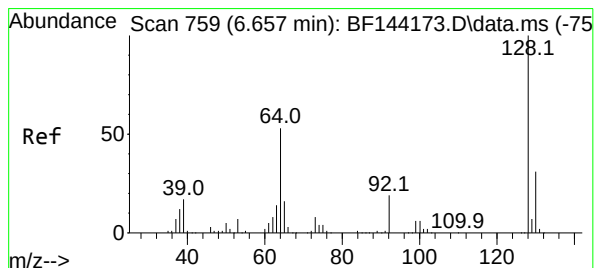
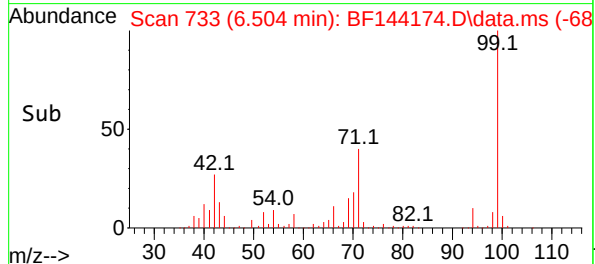
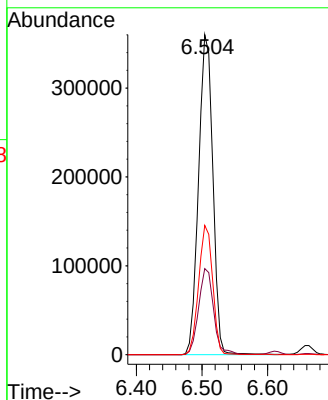
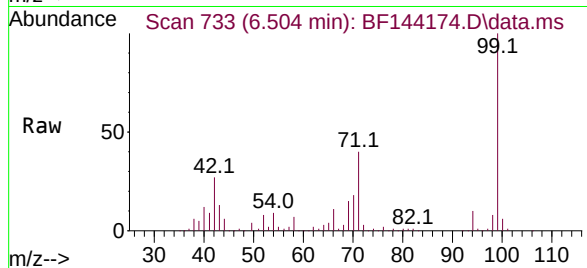




#7
Phenol-d6
Concen: 88.447 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

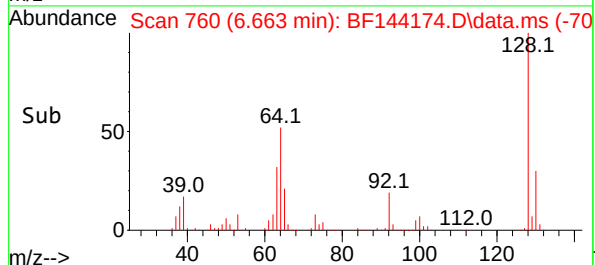
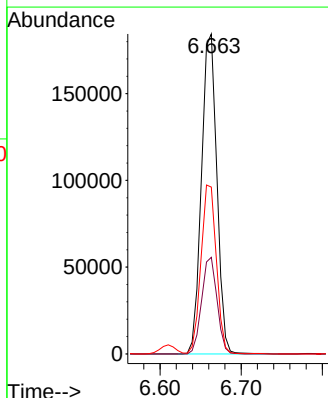
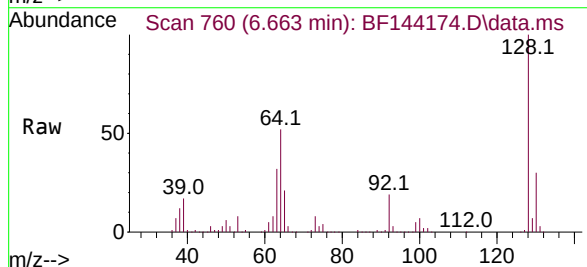
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

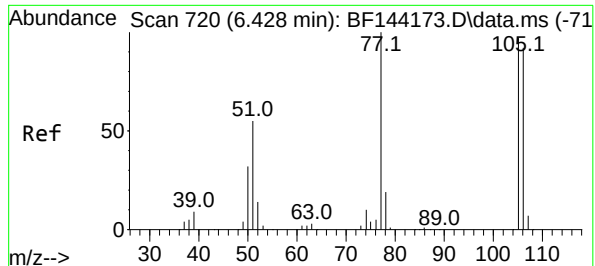
Tgt Ion: 99 Resp: 541465
Ion Ratio Lower Upper
99 100
42 26.9 20.9 31.3
71 40.4 31.4 47.2



#8
2-Chlorophenol
Concen: 45.950 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 128 Resp: 243472
Ion Ratio Lower Upper
128 100
130 30.2 10.5 50.5
64 52.1 33.2 73.2





#9

Benzaldehyde

Concen: 41.062 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

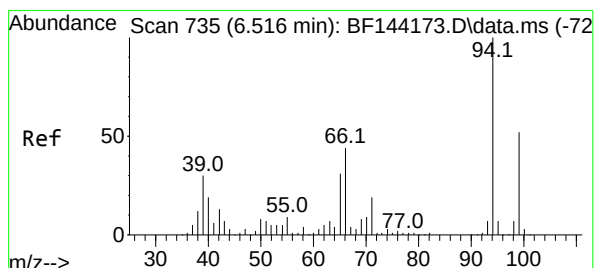
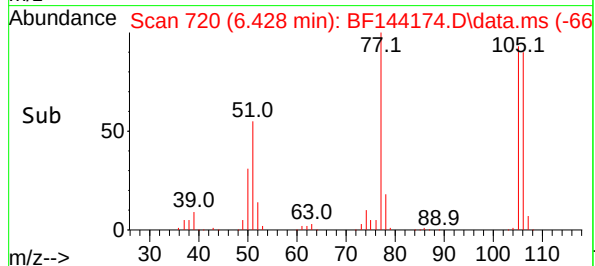
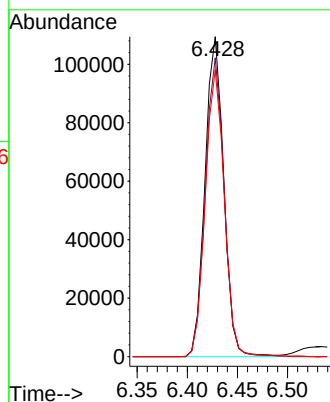
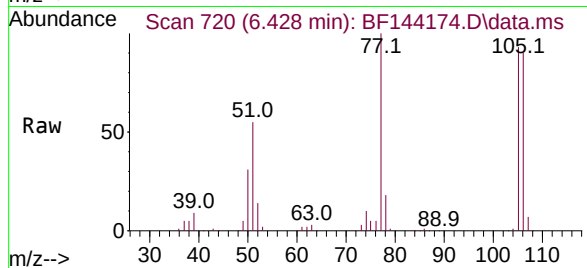
Tgt Ion: 77 Resp: 141949

Ion Ratio Lower Upper

77 100

105 93.4 77.2 117.2

106 89.6 72.2 112.2



#10

Phenol

Concen: 44.146 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

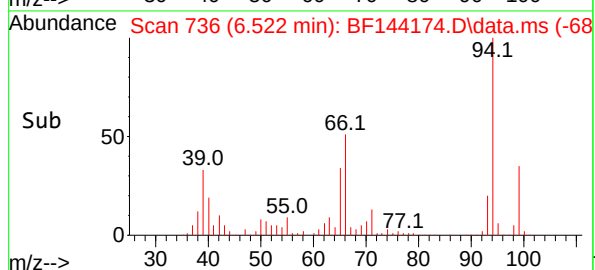
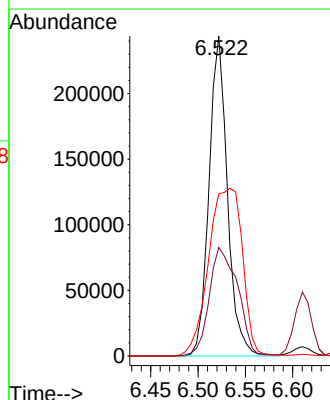
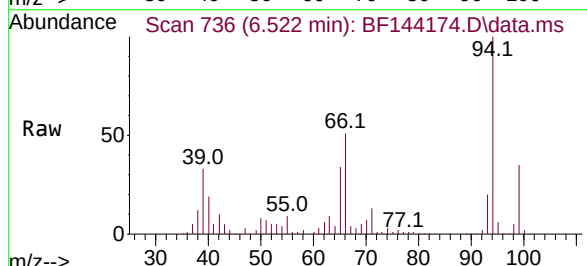
Tgt Ion: 94 Resp: 330203

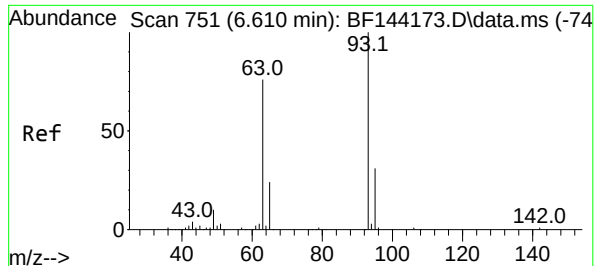
Ion Ratio Lower Upper

94 100

65 33.9 10.8 50.8

66 50.6 24.3 64.3

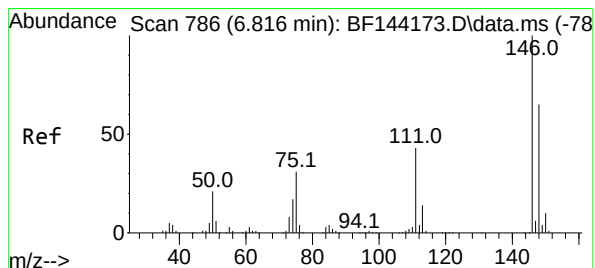
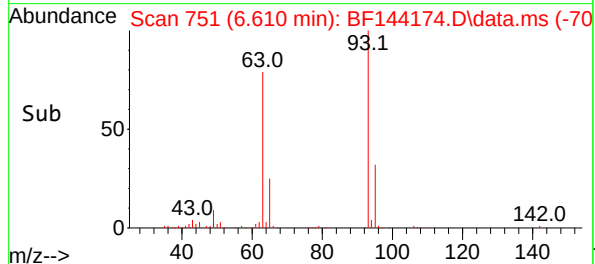
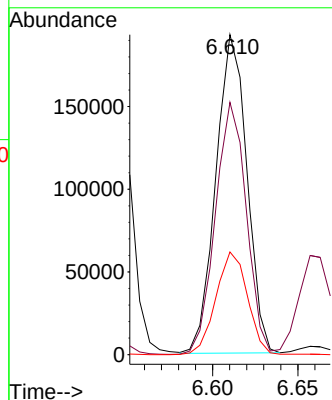
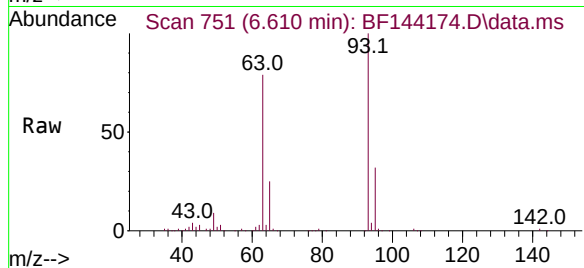




#11
bis(2-Chloroethyl)ether
Concen: 44.798 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

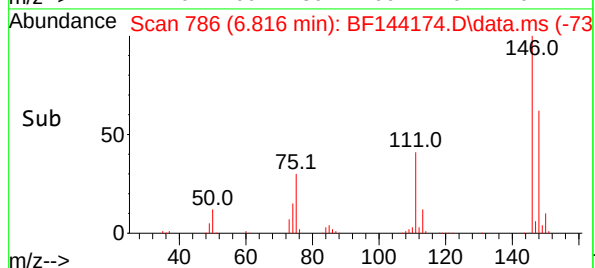
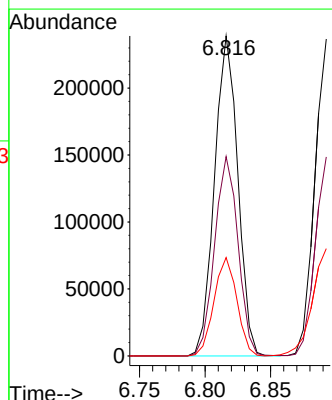
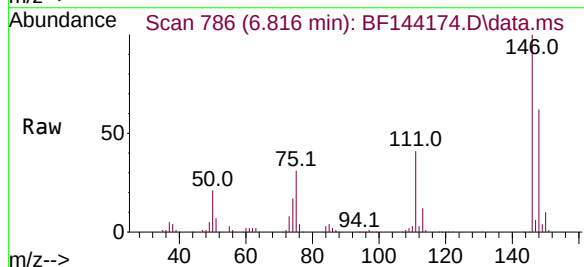
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

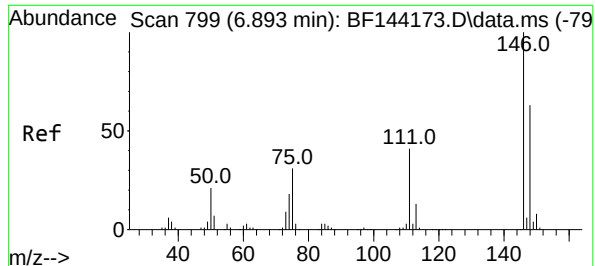
Tgt Ion: 93 Resp: 244159
Ion Ratio Lower Upper
93 100
63 78.8 55.2 95.2
95 32.1 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 45.164 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 146 Resp: 295294
Ion Ratio Lower Upper
146 100
148 62.3 51.8 77.8
75 30.7 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 44.277 ng

RT: 6.892 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

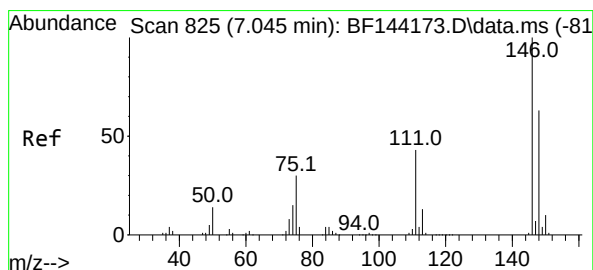
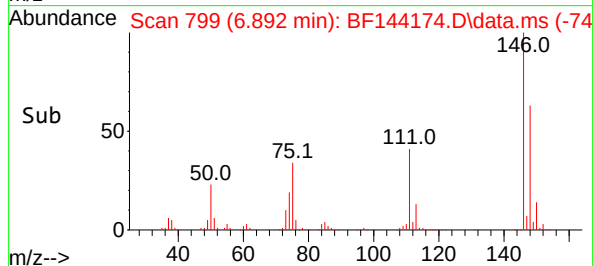
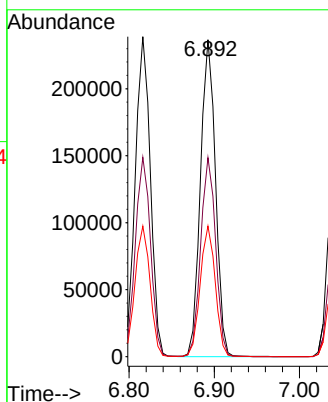
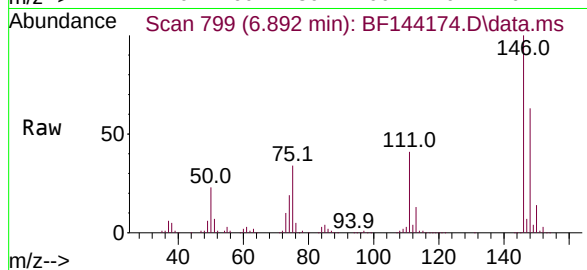
Tgt Ion:146 Resp: 290027

Ion Ratio Lower Upper

146 100

148 62.8 50.2 75.2

111 41.2 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 44.609 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

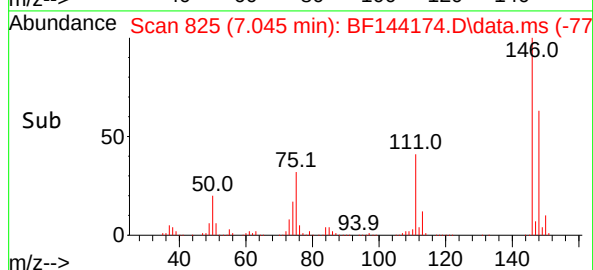
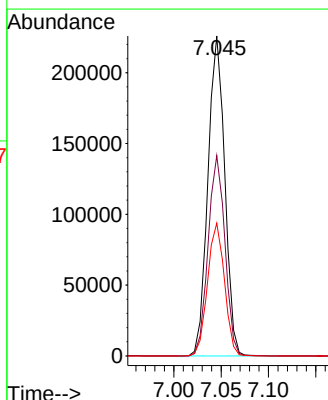
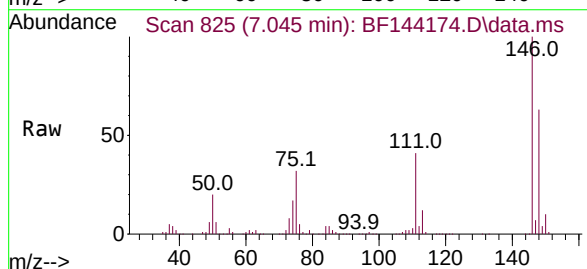
Tgt Ion:146 Resp: 280070

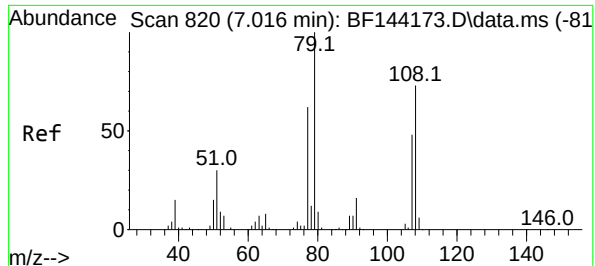
Ion Ratio Lower Upper

146 100

148 62.6 50.7 76.1

111 41.5 34.2 51.4

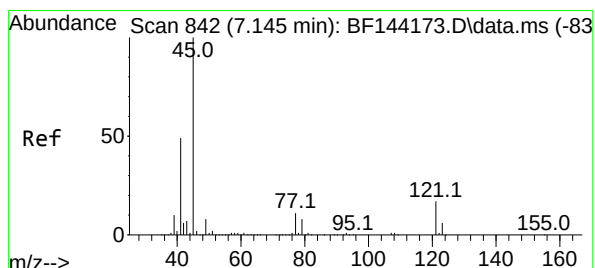
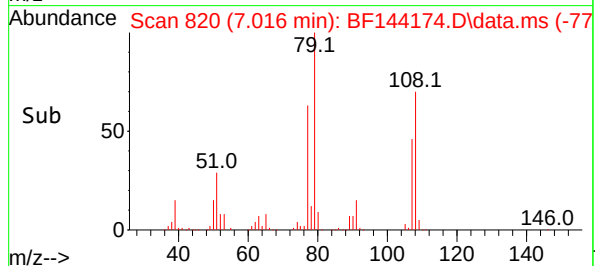
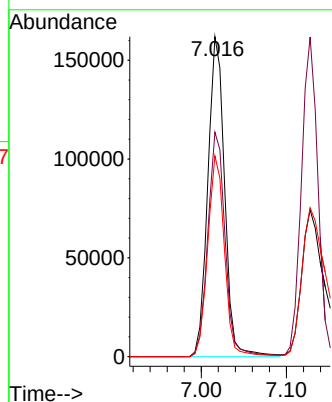
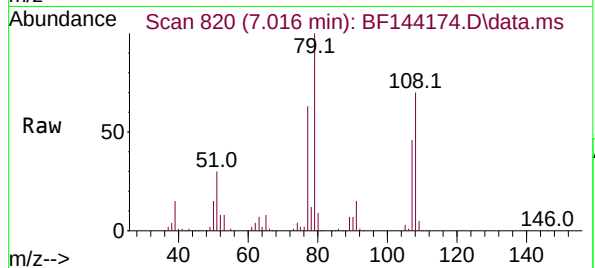




#15
Benzyl Alcohol
Concen: 45.762 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

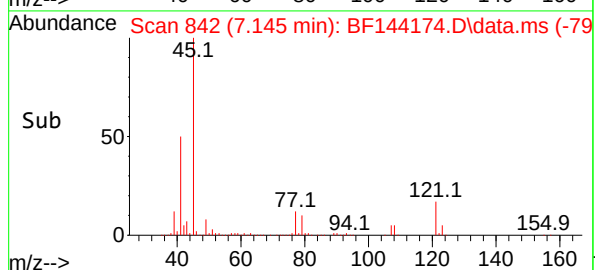
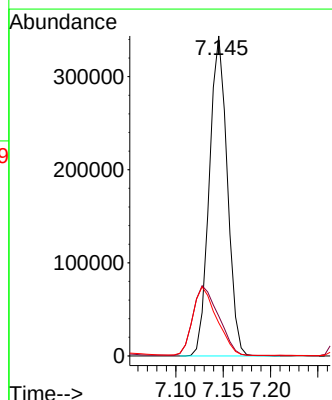
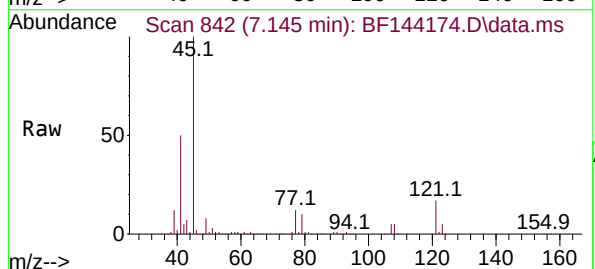
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

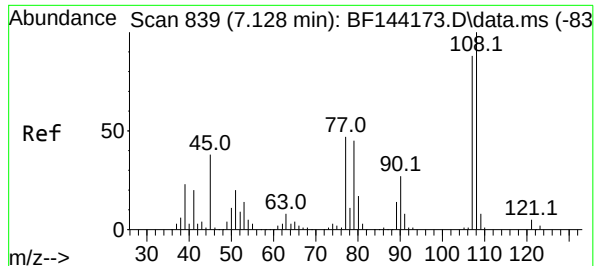
Tgt Ion: 79 Resp: 221836
Ion Ratio Lower Upper
79 100
108 70.1 58.2 87.4
77 62.7 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.212 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 45 Resp: 453774
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.8
79 10.3 0.0 29.1

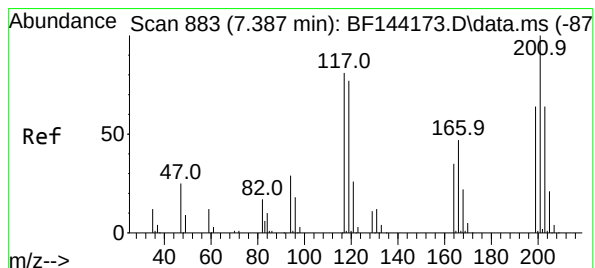
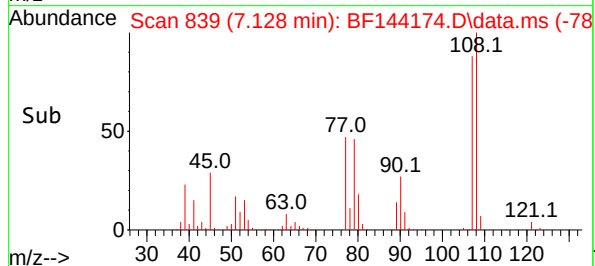
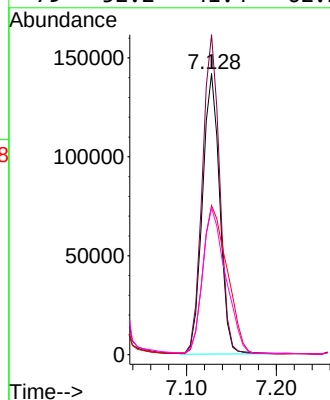
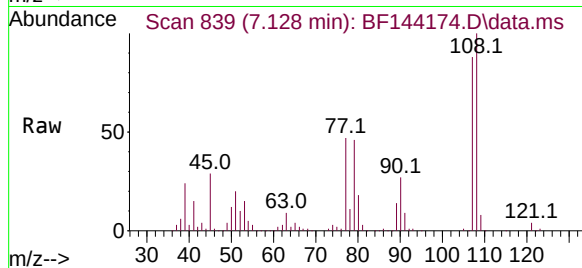




#17
2-Methylphenol
Concen: 44.899 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

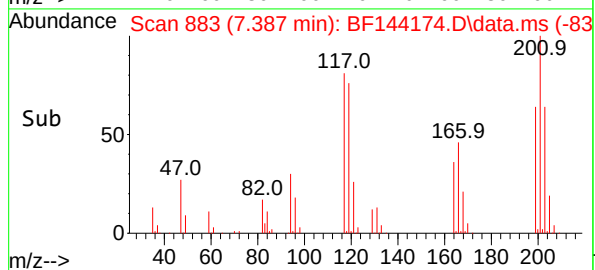
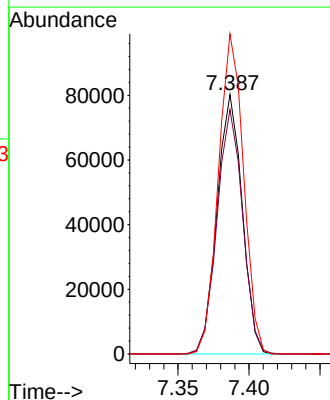
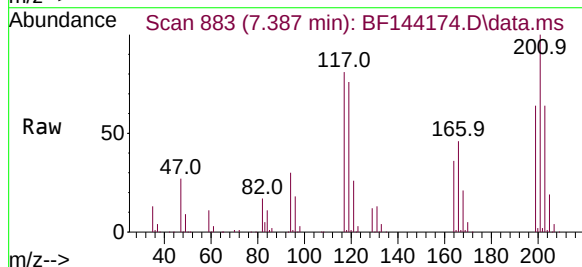
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

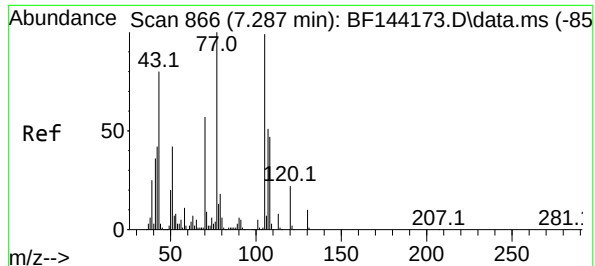
Tgt Ion:	107	Resp:	189260
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.0	136.4
77	53.1	42.7	64.1
79	52.2	41.4	62.2



#18
Hexachloroethane
Concen: 45.346 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:	117	Resp:	98682
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.8
201	123.4	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 42.657 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 171911

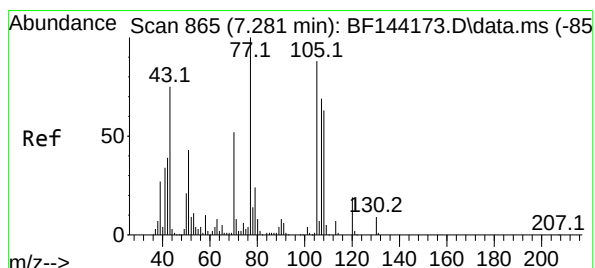
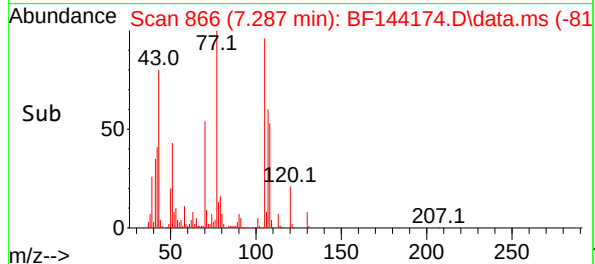
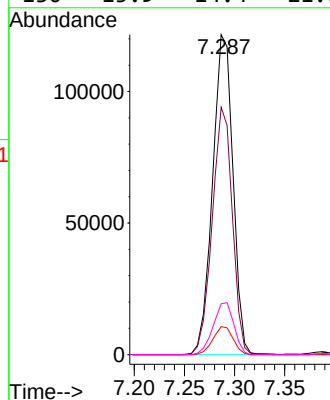
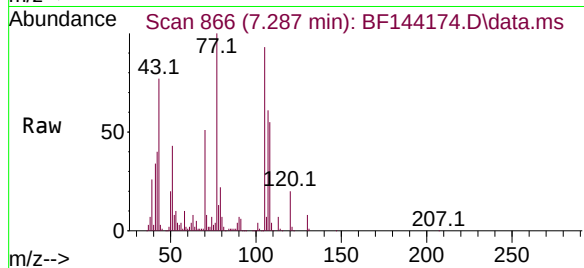
Ion Ratio Lower Upper

70 100

42 77.3 58.3 87.5

101 8.7 7.0 10.6

130 15.9 14.4 21.6



#20

3+4-Methylphenols

Concen: 43.819 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Tgt Ion: 107 Resp: 217734

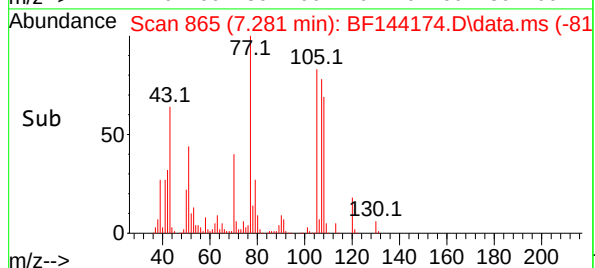
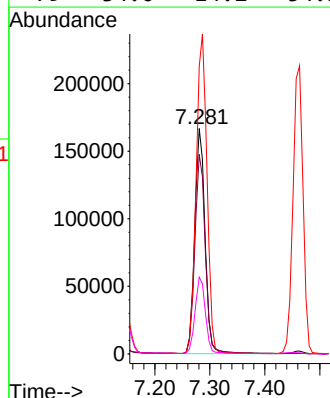
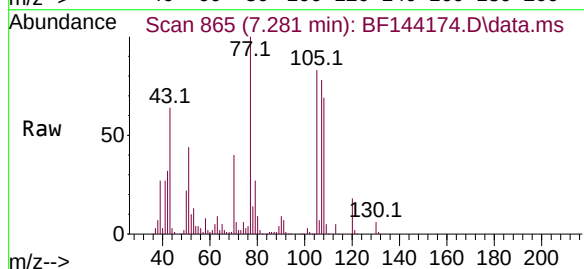
Ion Ratio Lower Upper

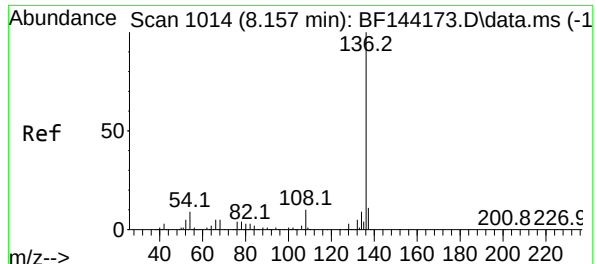
107 100

108 88.5 70.2 110.2

77 127.5 123.9 163.9

79 34.0 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 313425

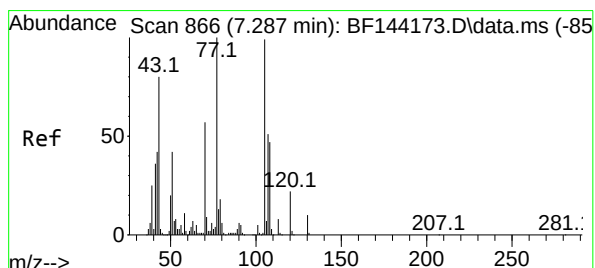
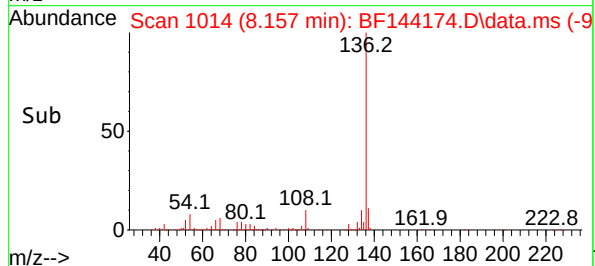
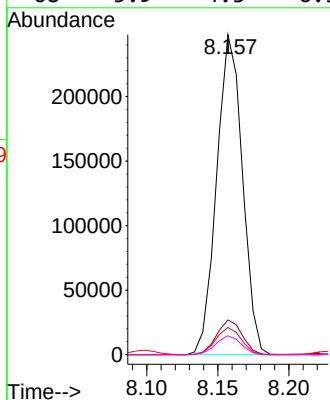
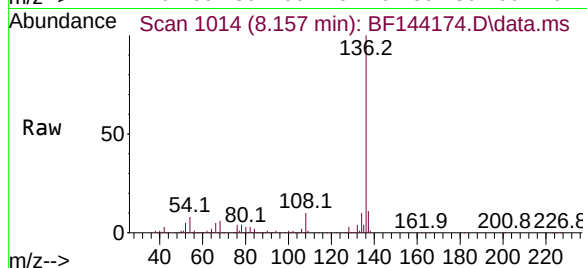
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.5 7.0 10.6

68 5.9 4.3 6.5



#22

Acetophenone

Concen: 44.230 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Tgt Ion:105 Resp: 297391

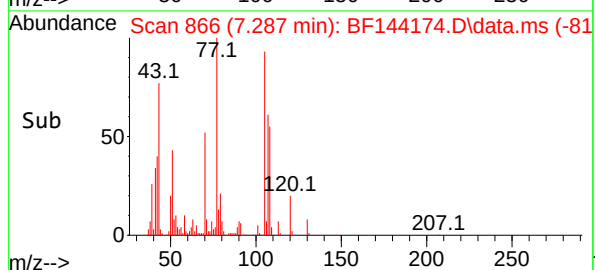
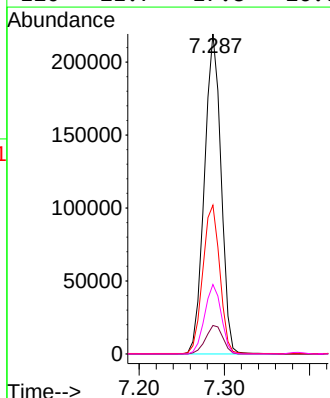
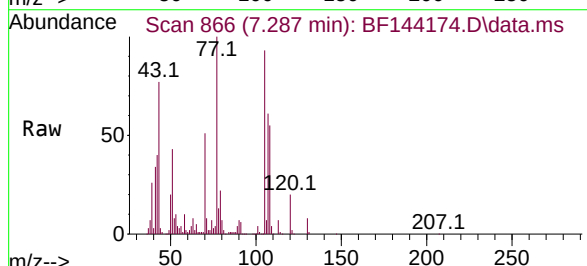
Ion Ratio Lower Upper

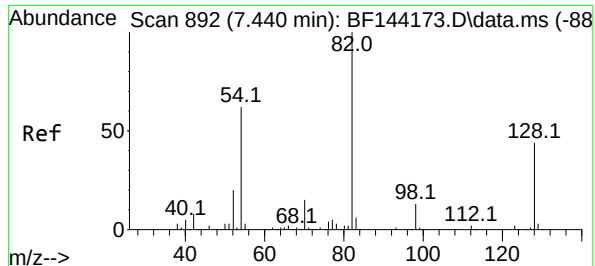
105 100

71 8.9 7.2 10.8

51 46.5 34.0 51.0

120 21.7 17.8 26.6





#23

Nitrobenzene-d5

Concen: 92.595 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

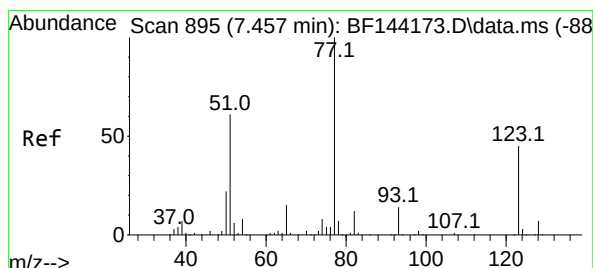
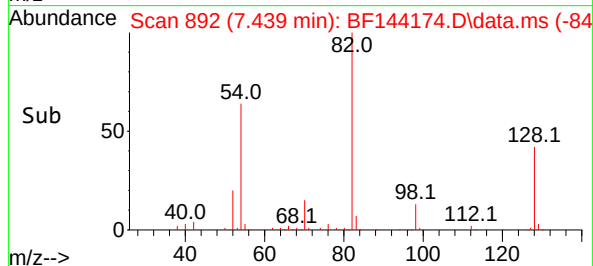
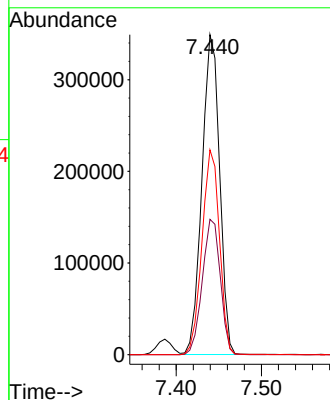
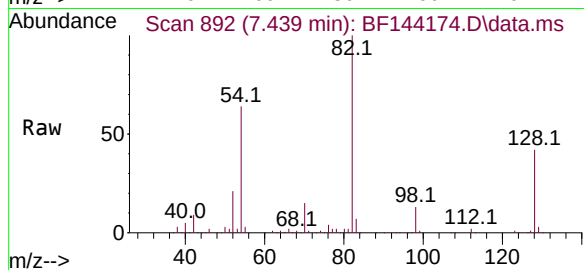
Tgt Ion: 82 Resp: 502493

Ion Ratio Lower Upper

82 100

128 42.3 34.7 52.1

54 64.0 49.5 74.3



#24

Nitrobenzene

Concen: 45.541 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

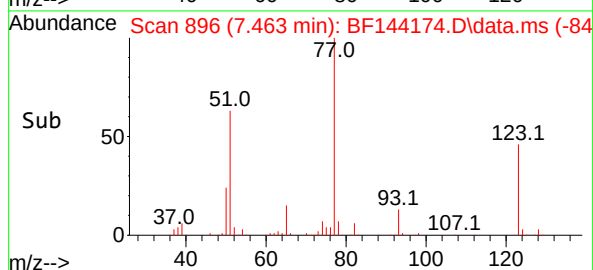
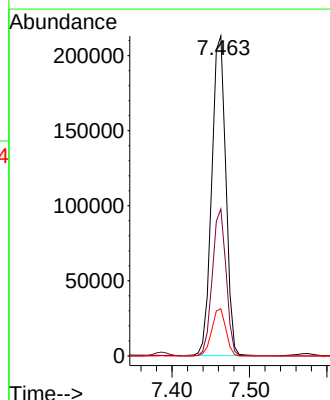
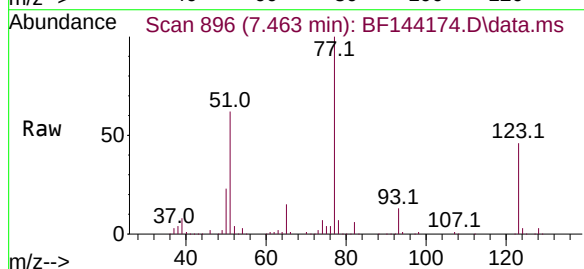
Tgt Ion: 77 Resp: 268336

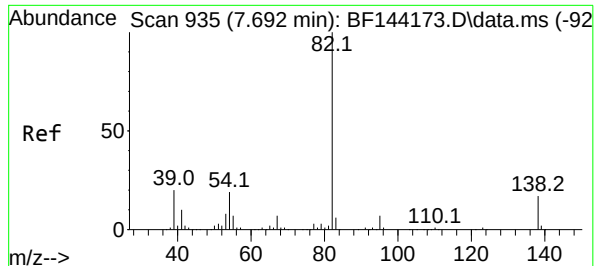
Ion Ratio Lower Upper

77 100

123 45.9 35.8 53.8

65 14.7 12.2 18.2





#25

Isophorone

Concen: 44.376 ng

RT: 7.698 min Scan# 935

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

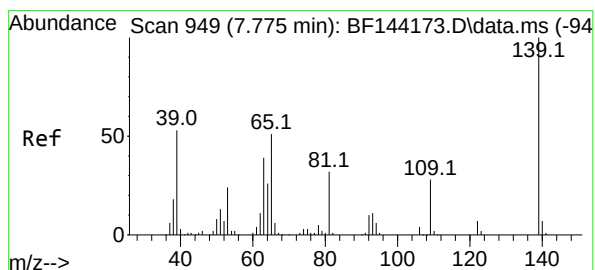
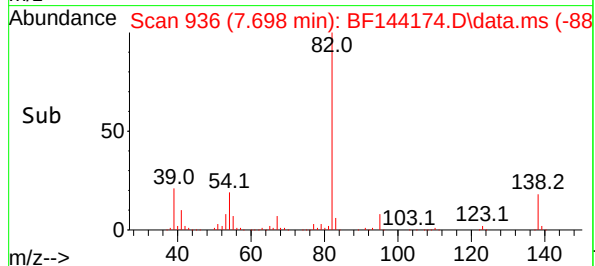
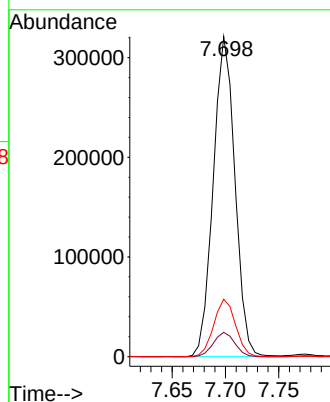
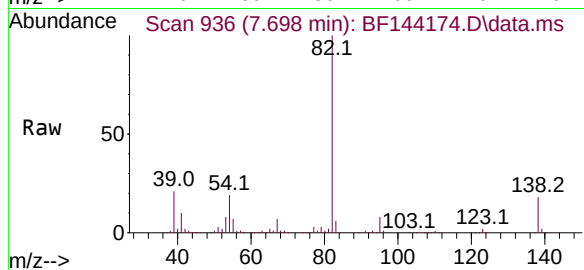
Tgt Ion: 82 Resp: 455511

Ion Ratio Lower Upper

82 100

95 7.6 5.5 8.3

138 17.9 13.7 20.5



#26

2-Nitrophenol

Concen: 46.747 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

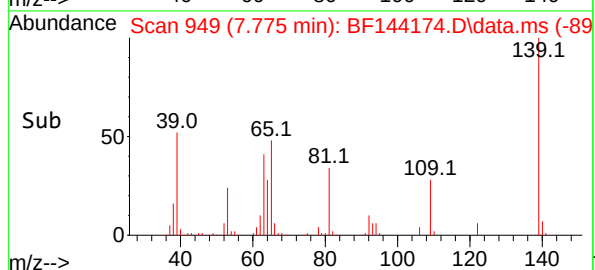
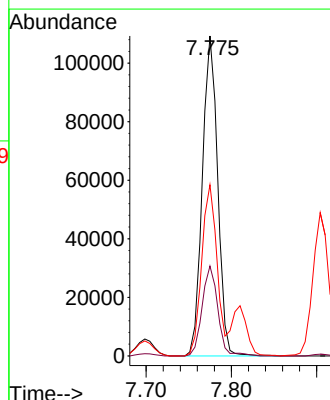
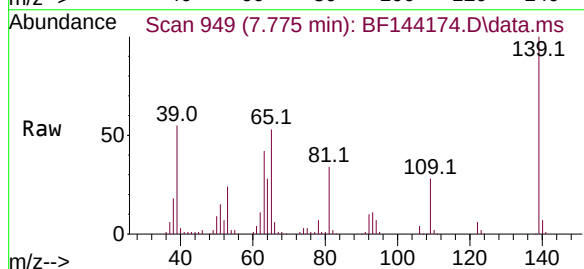
Tgt Ion:139 Resp: 136351

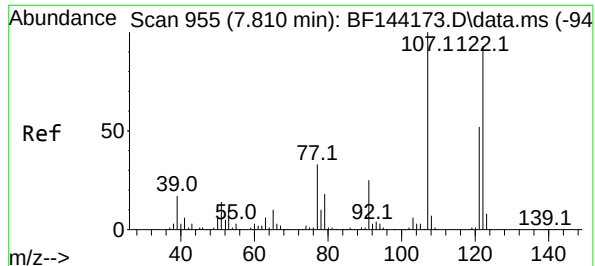
Ion Ratio Lower Upper

139 100

109 28.1 22.2 33.2

65 53.5 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 46.681 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

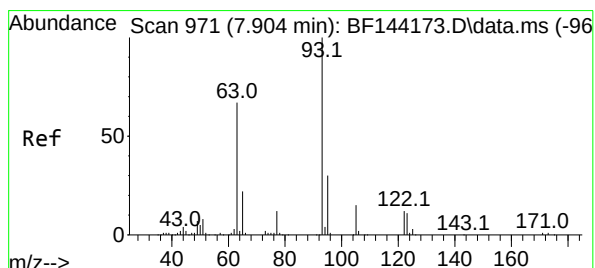
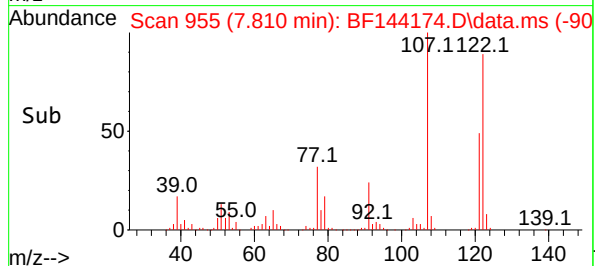
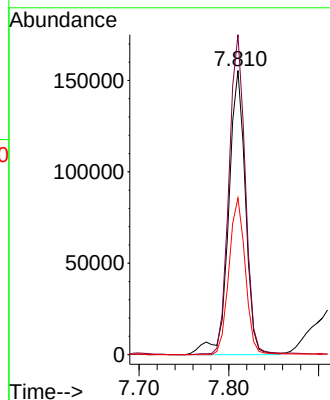
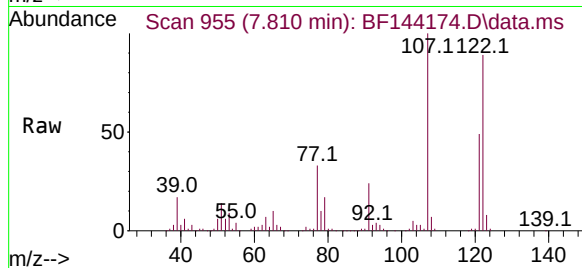
Tgt Ion:122 Resp: 204079

Ion Ratio Lower Upper

122 100

107 112.6 86.2 129.4

121 55.1 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.429 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

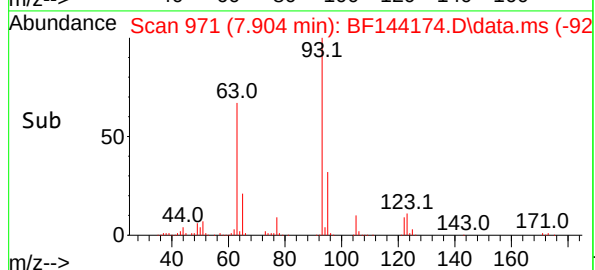
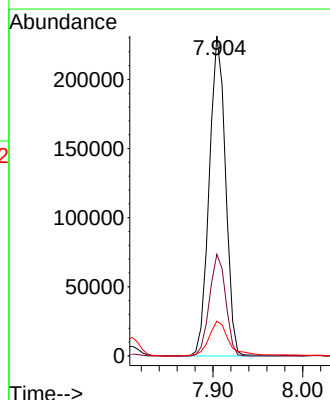
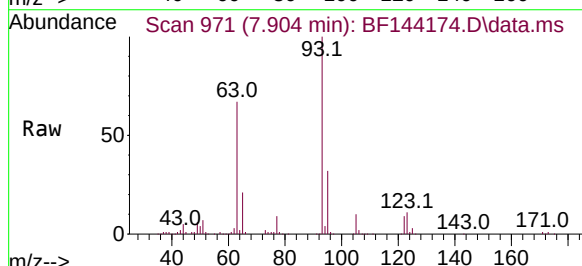
Tgt Ion: 93 Resp: 291202

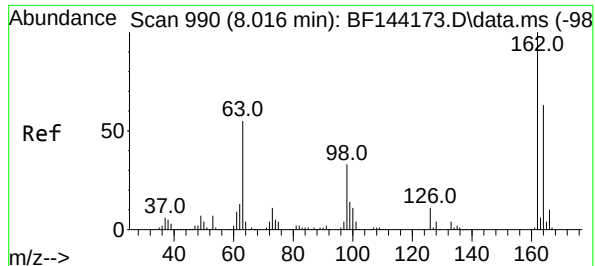
Ion Ratio Lower Upper

93 100

95 31.7 24.2 36.4

123 10.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 45.001 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

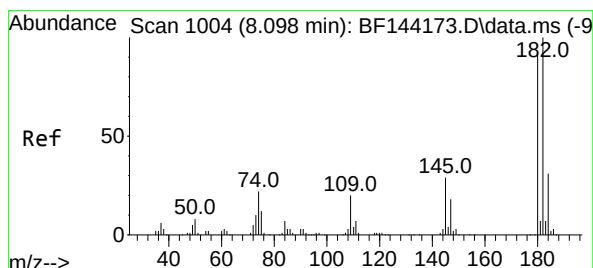
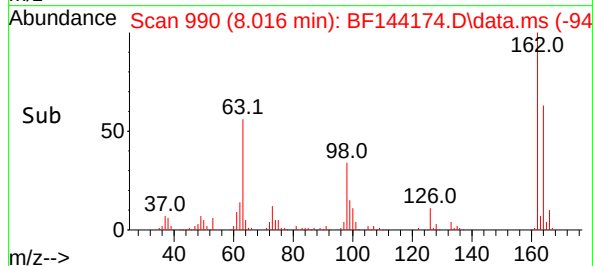
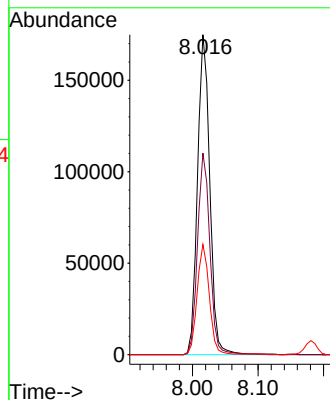
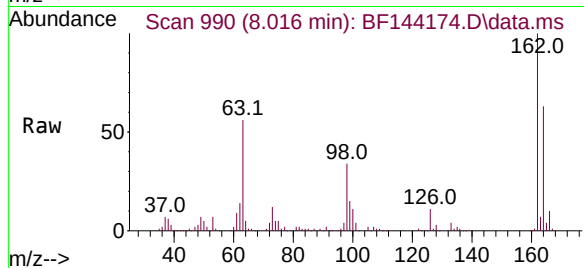
Tgt Ion:162 Resp: 226748

Ion Ratio Lower Upper

162 100

164 63.0 42.9 82.9

98 34.4 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 44.838 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

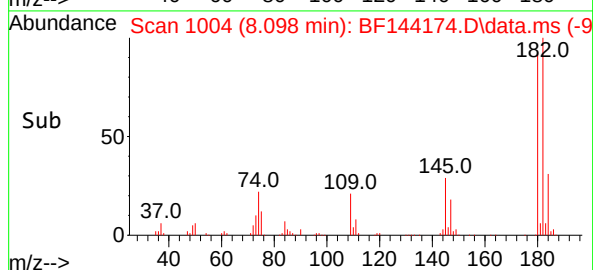
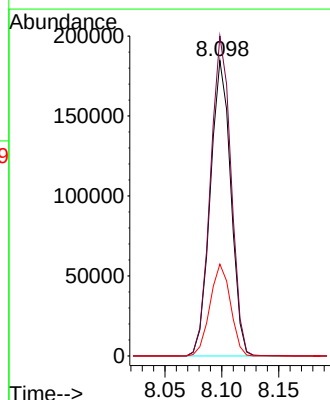
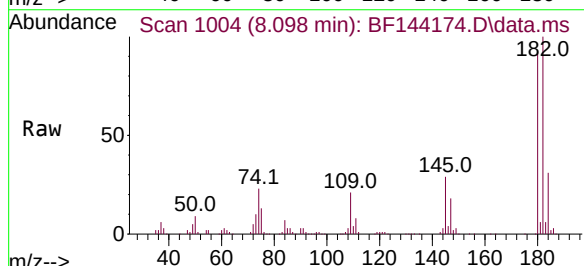
Tgt Ion:180 Resp: 231992

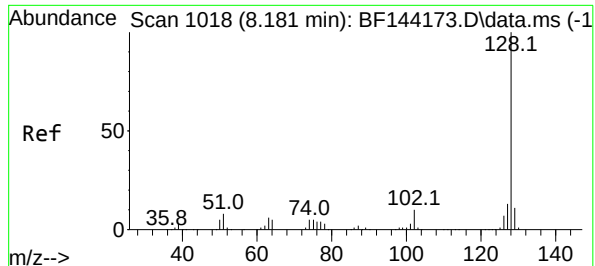
Ion Ratio Lower Upper

180 100

182 108.3 87.7 131.5

145 31.1 25.4 38.0

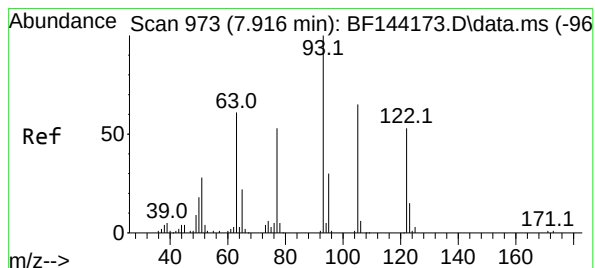
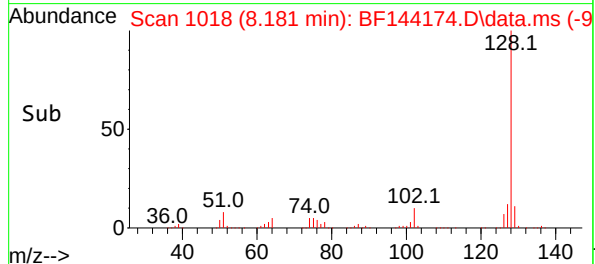
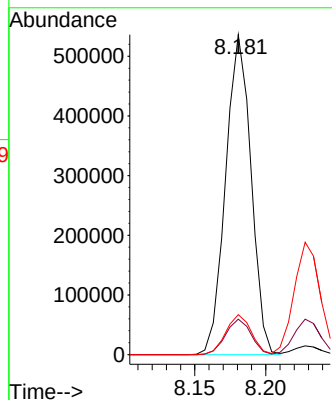
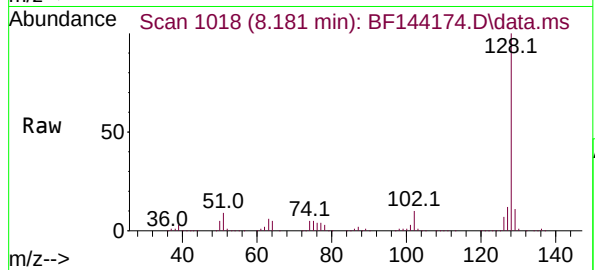




#31
Naphthalene
Concen: 44.658 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

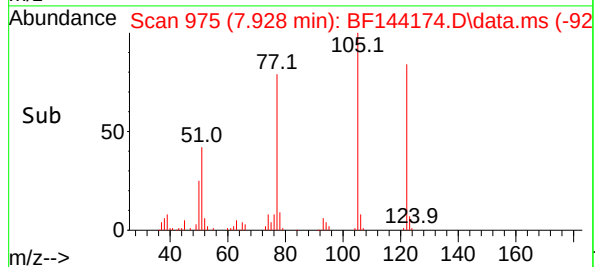
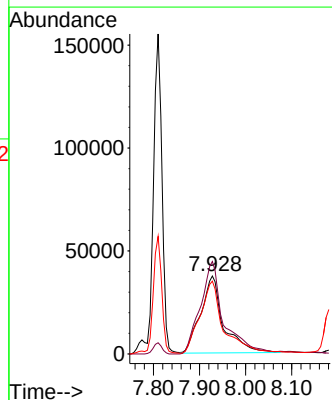
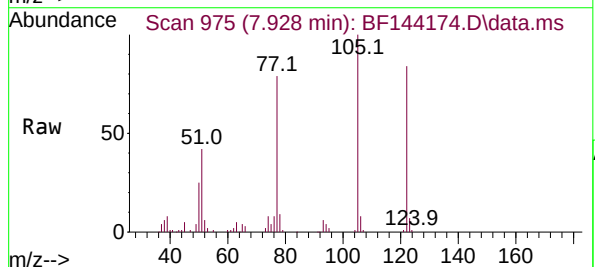
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

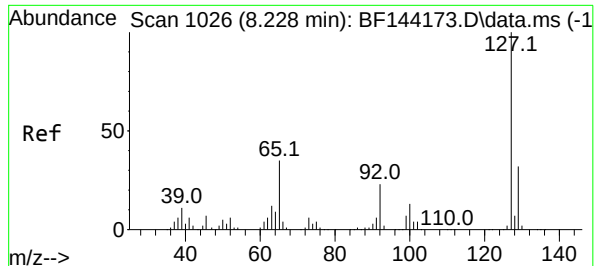
Tgt Ion:128 Resp: 665821
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.5 10.3 15.5



#32
Benzoic acid
Concen: 40.359 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.023 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:122 Resp: 129332
Ion Ratio Lower Upper
122 100
105 118.8 99.9 139.9
77 93.6 77.5 117.5





#33

4-Chloroaniline

Concen: 44.496 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 241956

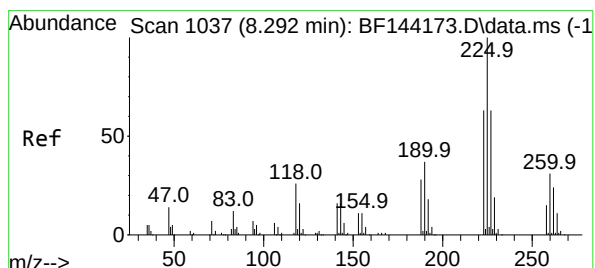
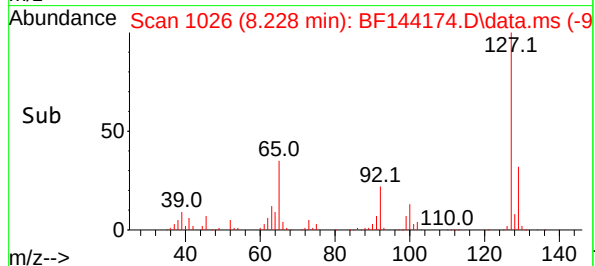
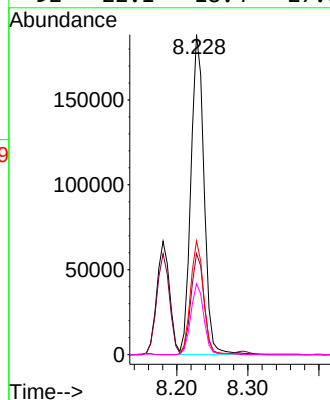
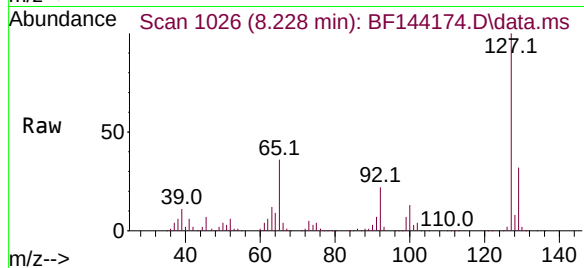
Ion Ratio Lower Upper

127 100

129 31.6 25.3 37.9

65 35.5 27.6 41.4

92 22.1 18.4 27.6



#34

Hexachlorobutadiene

Concen: 46.562 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

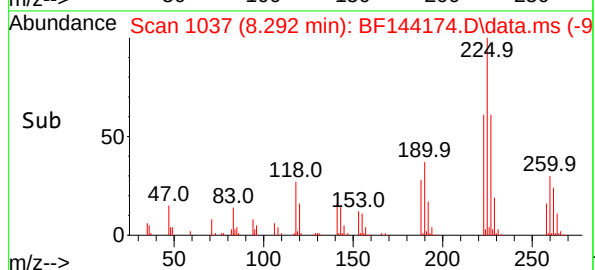
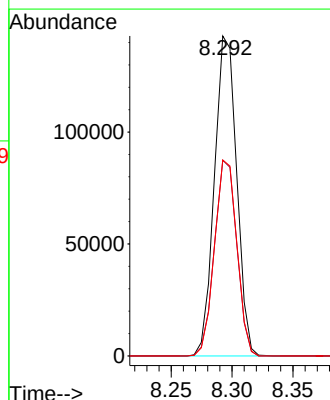
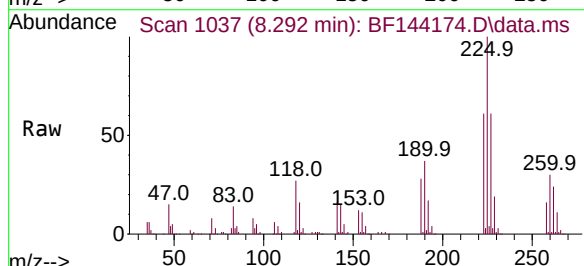
Tgt Ion:225 Resp: 181564

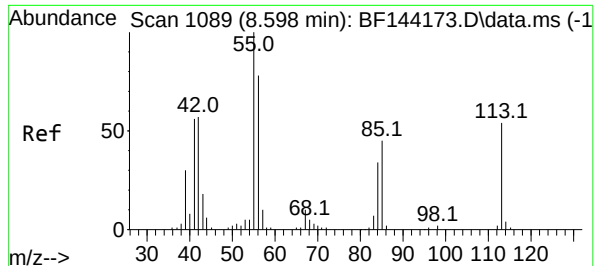
Ion Ratio Lower Upper

225 100

223 61.1 50.2 75.4

227 61.2 50.1 75.1





#35

Caprolactam

Concen: 42.327 ng

RT: 8.604 min Scan# 1089

Delta R.T. -0.018 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

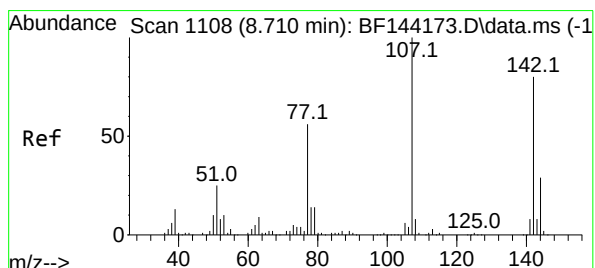
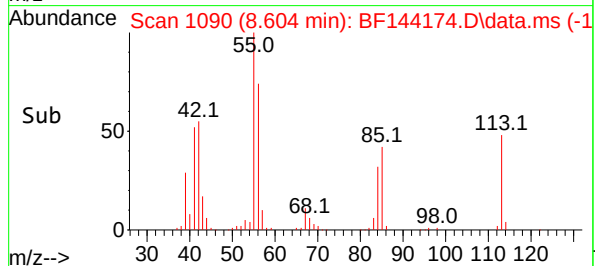
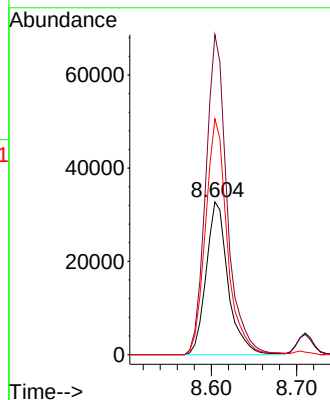
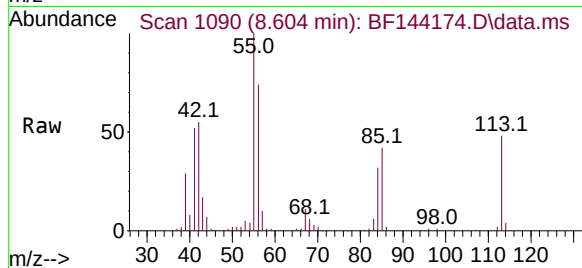
Tgt Ion:113 Resp: 58430

Ion Ratio Lower Upper

113 100

55 209.4 166.8 206.8#

56 154.3 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 44.930 ng

RT: 8.710 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

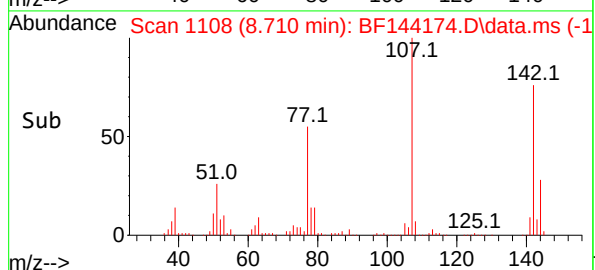
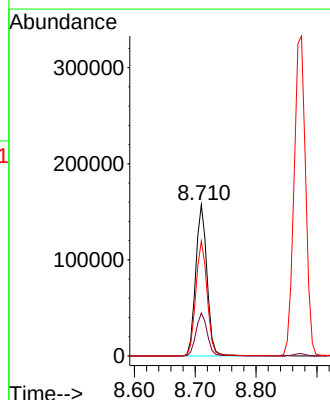
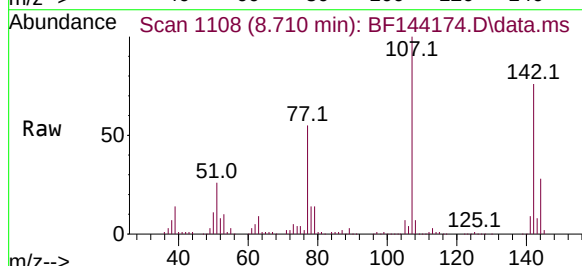
Tgt Ion:107 Resp: 202891

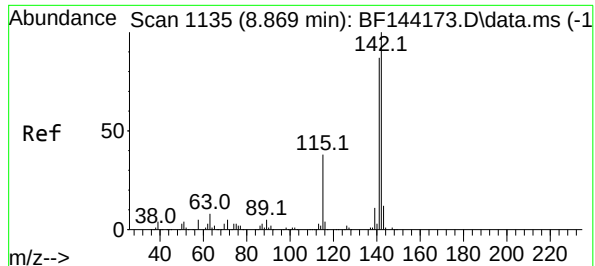
Ion Ratio Lower Upper

107 100

144 28.3 23.3 34.9

142 75.9 63.8 95.6





#37

2-Methylnaphthalene

Concen: 43.979 ng

RT: 8.875 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

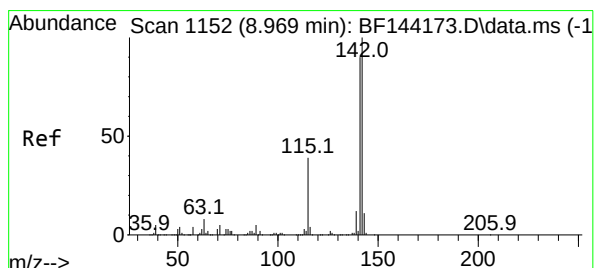
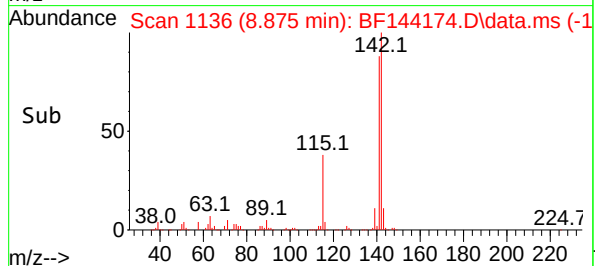
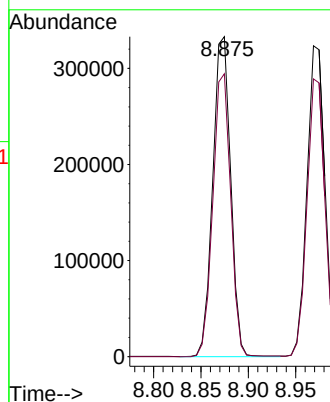
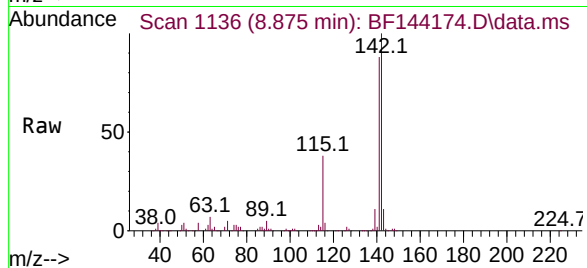
SSTDICC050

Tgt Ion:142 Resp: 438395

Ion Ratio Lower Upper

142 100

141 88.4 69.9 104.9



#38

1-Methylnaphthalene

Concen: 43.644 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144174.D

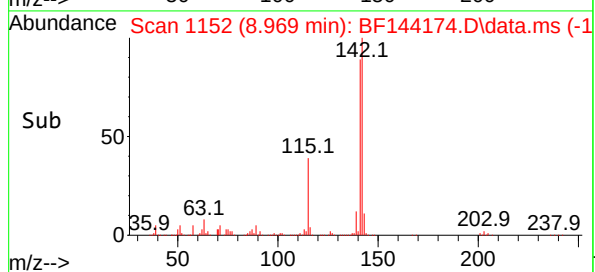
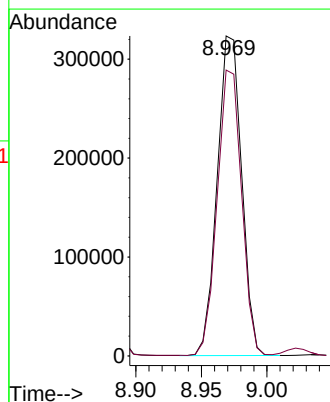
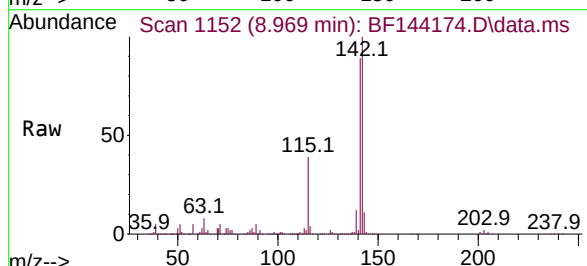
Acq: 05 Nov 2025 15:49

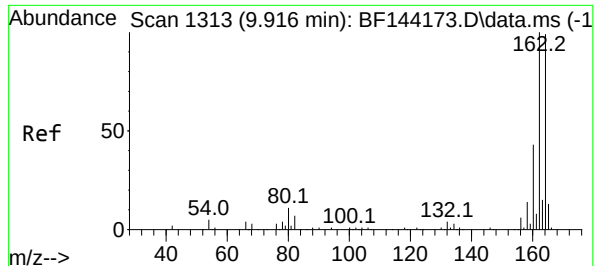
Tgt Ion:142 Resp: 419784

Ion Ratio Lower Upper

142 100

141 89.3 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

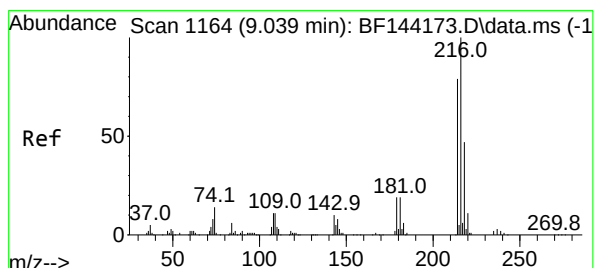
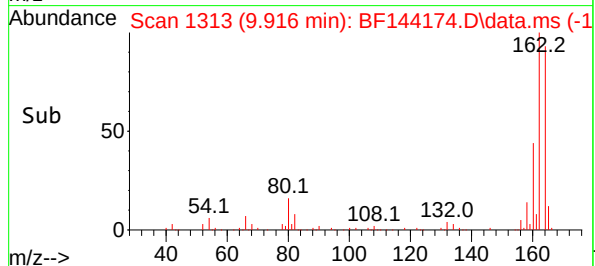
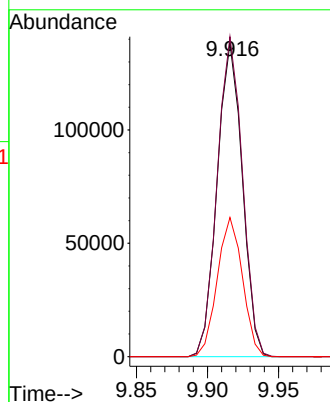
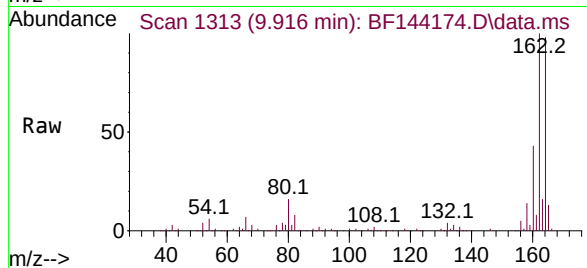
Tgt Ion:164 Resp: 170294

Ion Ratio Lower Upper

164 100

162 102.1 81.1 121.7

160 44.4 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.832 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Tgt Ion:216 Resp: 250210

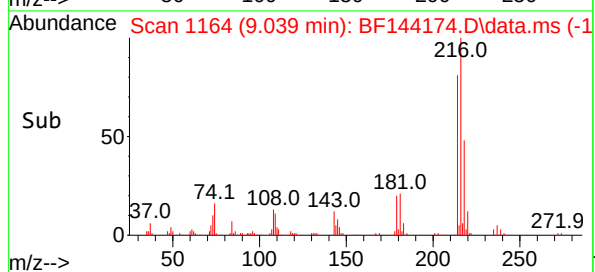
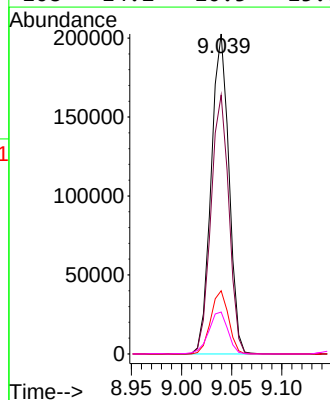
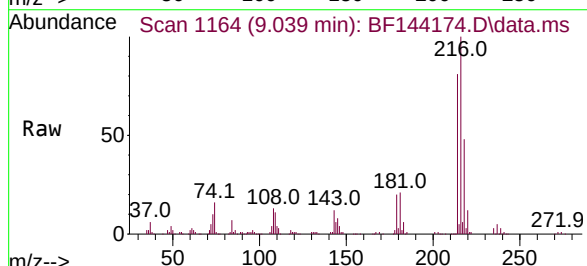
Ion Ratio Lower Upper

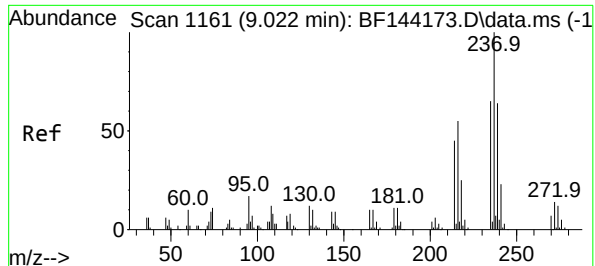
216 100

214 81.3 63.4 95.2

179 19.6 15.0 22.4

108 14.2 10.5 15.7

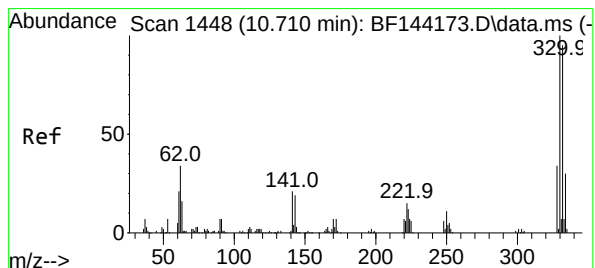
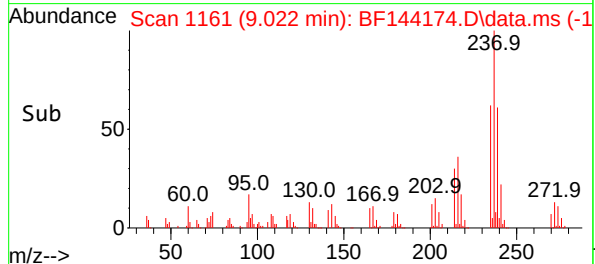
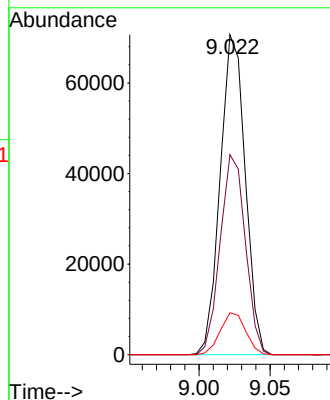
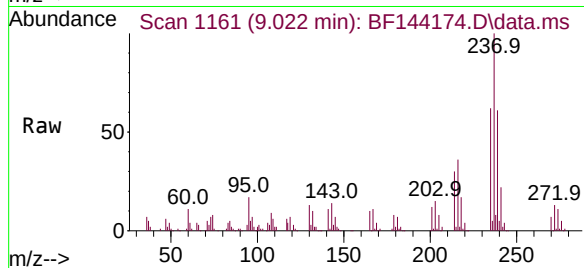




#41
Hexachlorocyclopentadiene
Concen: 48.007 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

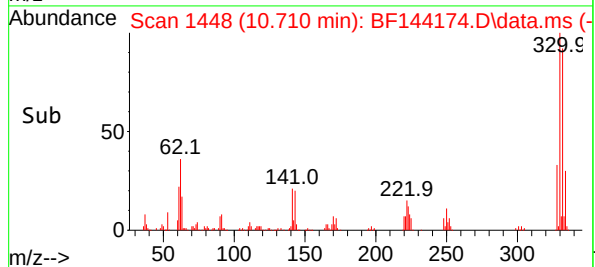
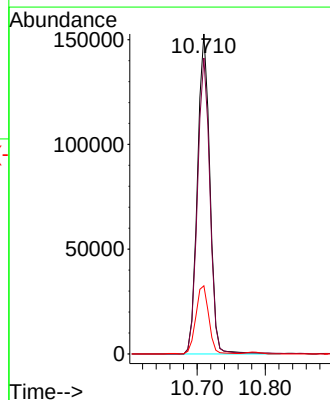
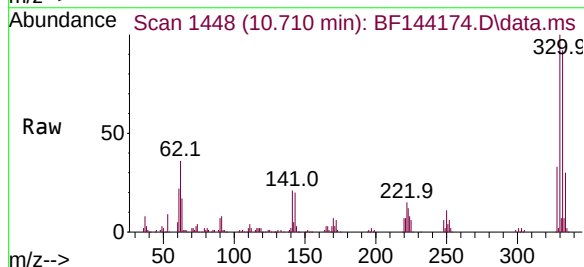
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

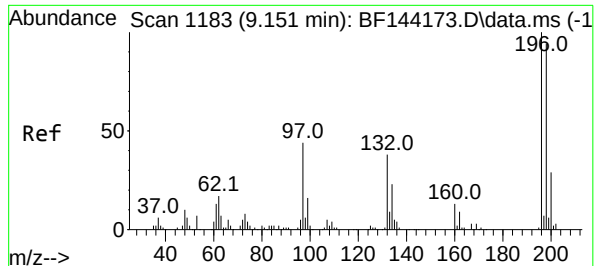
Tgt Ion:237 Resp: 86860
Ion Ratio Lower Upper
237 100
235 62.5 45.5 85.5
272 13.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 90.275 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:330 Resp: 192917
Ion Ratio Lower Upper
330 100
332 93.0 76.7 115.1
141 22.2 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 45.813 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

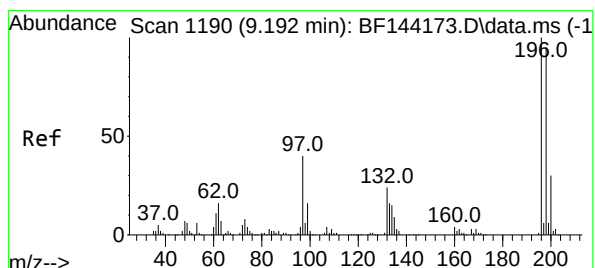
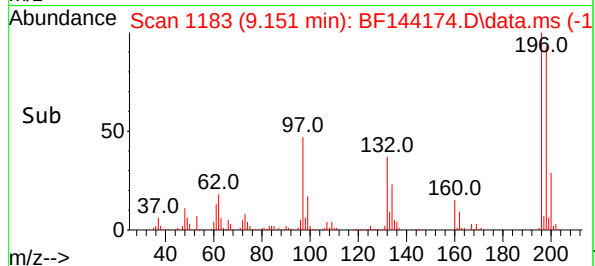
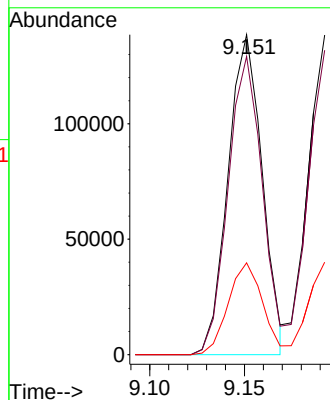
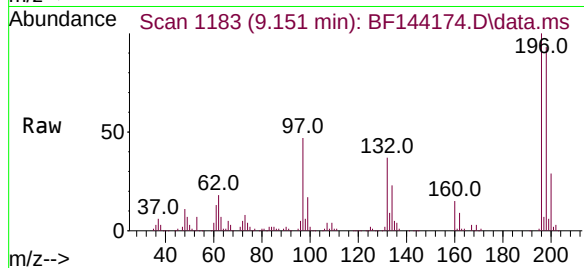
Tgt Ion:196 Resp: 174024

Ion Ratio Lower Upper

196 100

198 93.2 75.3 112.9

200 28.7 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 45.542 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Tgt Ion:196 Resp: 186449

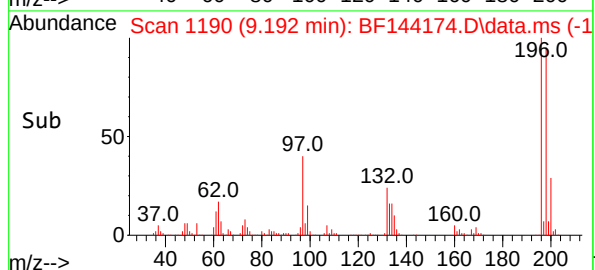
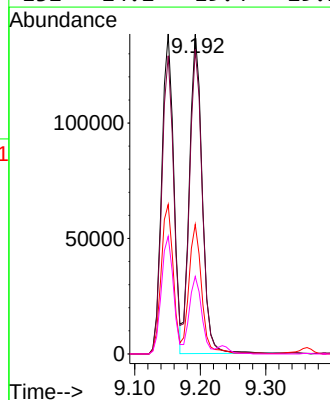
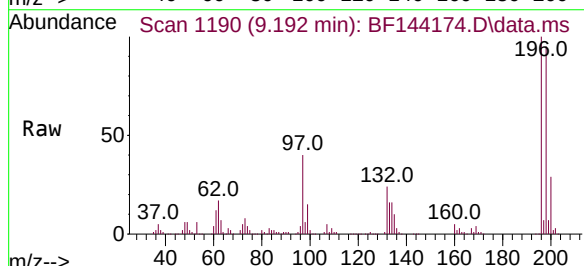
Ion Ratio Lower Upper

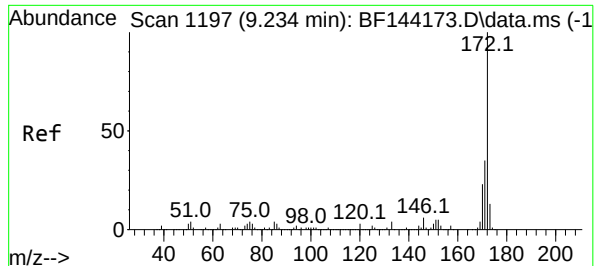
196 100

198 95.2 76.1 114.1

97 40.5 31.9 47.9

132 24.2 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 86.941 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

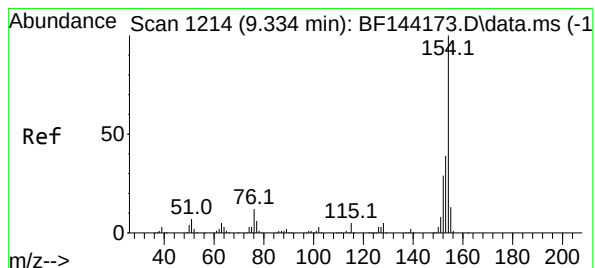
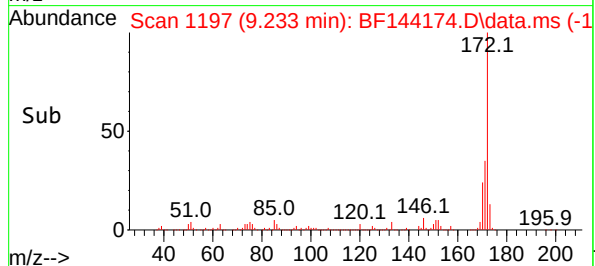
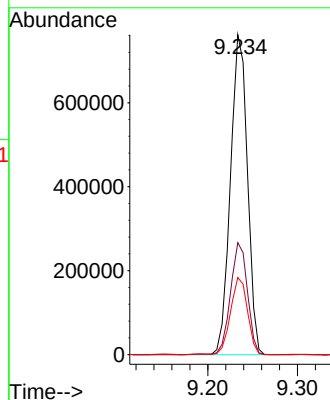
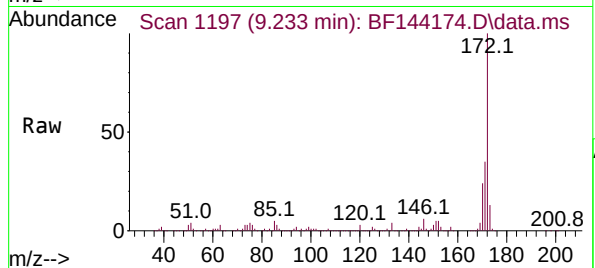
Tgt Ion:172 Resp: 1002454

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 24.1 18.6 28.0



#46

1,1'-Biphenyl

Concen: 44.371 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

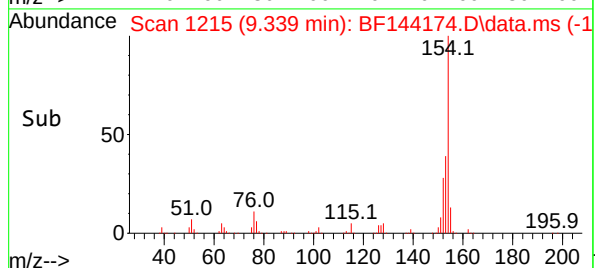
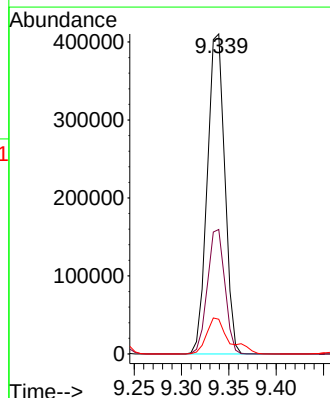
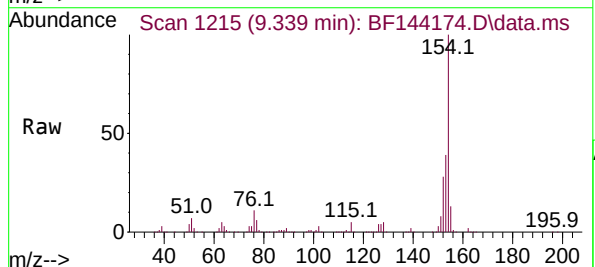
Tgt Ion:154 Resp: 527437

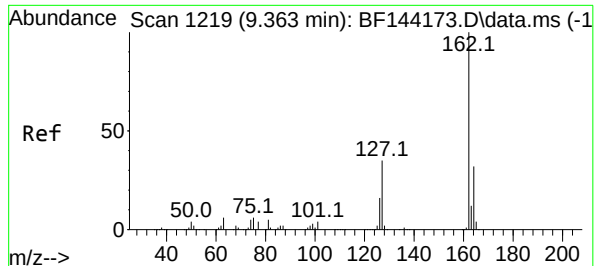
Ion Ratio Lower Upper

154 100

153 38.9 19.2 59.2

76 10.9 0.0 31.8





#47

2-Chloronaphthalene

Concen: 44.851 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

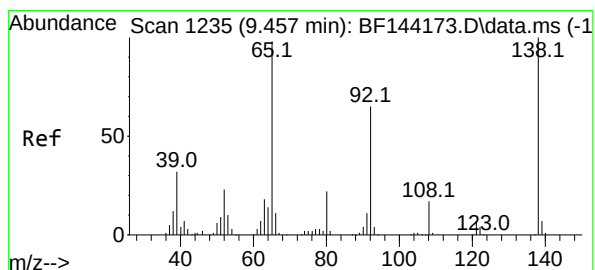
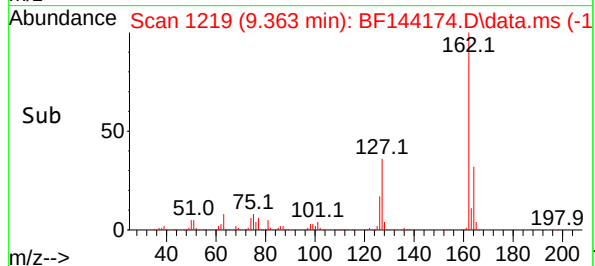
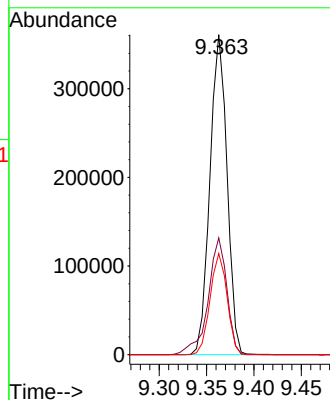
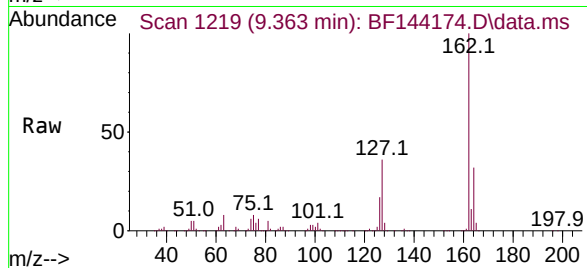
Tgt Ion:162 Resp: 454778

Ion Ratio Lower Upper

162 100

127 36.5 28.8 43.2

164 31.6 25.8 38.8



#48

2-Nitroaniline

Concen: 47.458 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

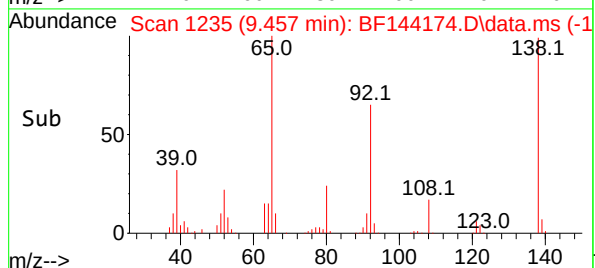
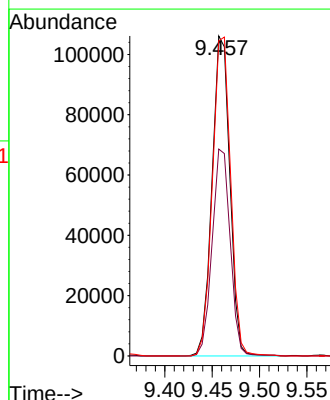
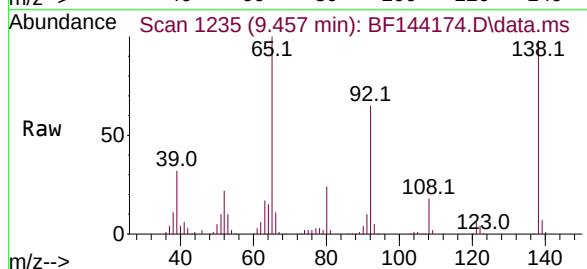
Tgt Ion: 65 Resp: 138845

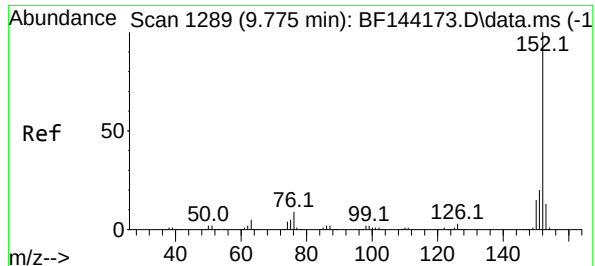
Ion Ratio Lower Upper

65 100

92 64.6 53.0 79.6

138 98.5 81.6 122.4





#49

Acenaphthylene

Concen: 44.368 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

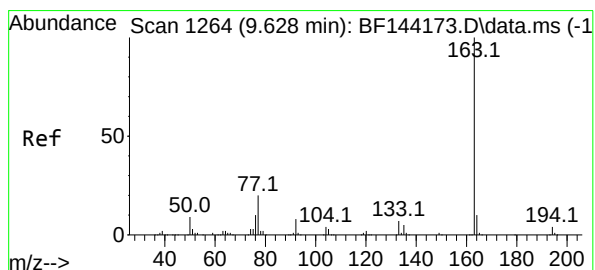
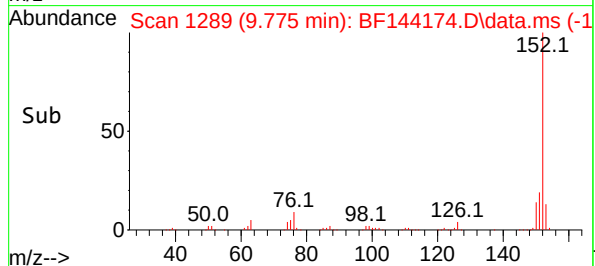
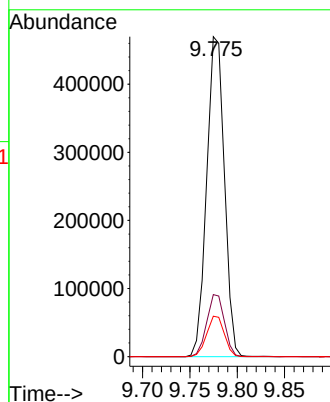
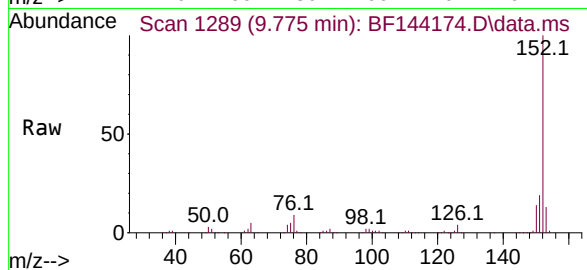
Tgt Ion:152 Resp: 613066

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.6 10.5 15.7



#50

Dimethylphthalate

Concen: 44.094 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

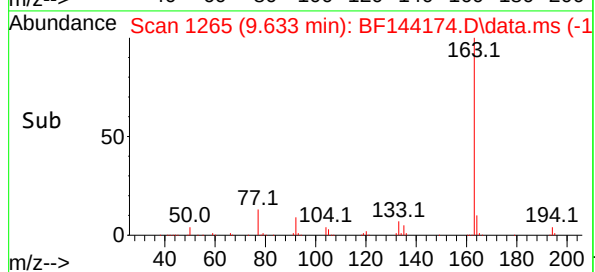
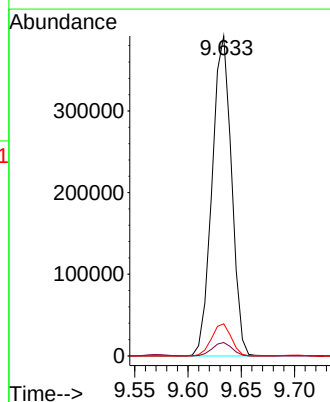
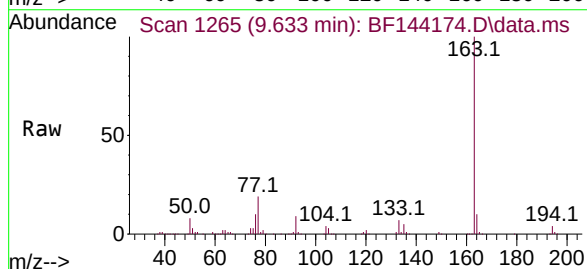
Tgt Ion:163 Resp: 497451

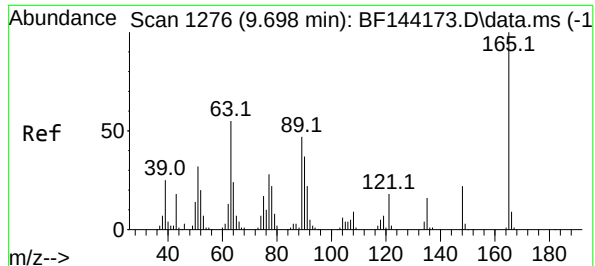
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 46.892 ng

RT: 9.698 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

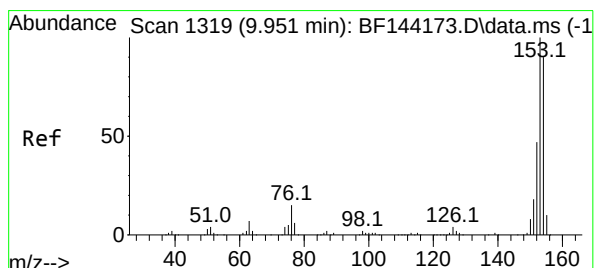
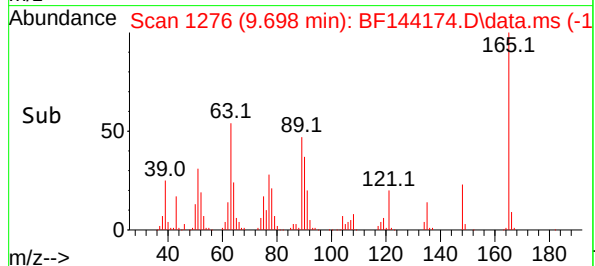
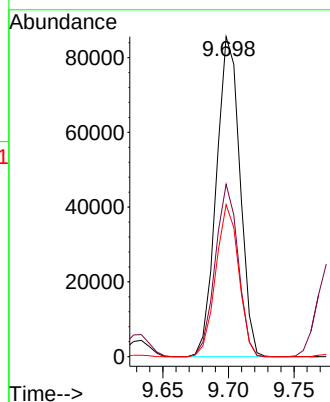
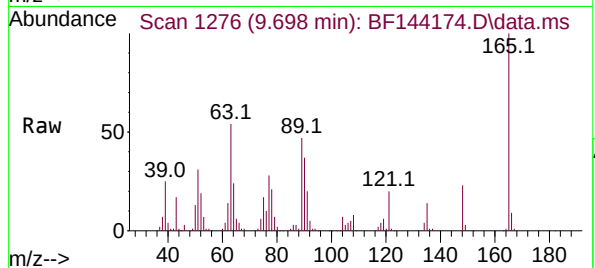
Tgt Ion:165 Resp: 107091

Ion Ratio Lower Upper

165 100

63 53.9 43.8 65.8

89 47.5 37.5 56.3



#52

Acenaphthene

Concen: 44.067 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

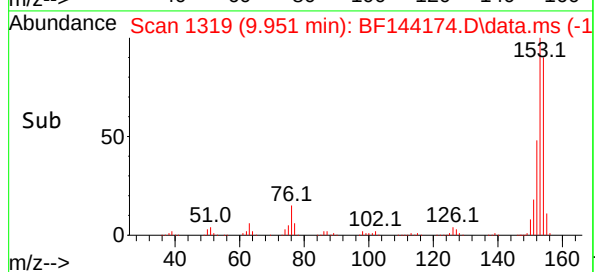
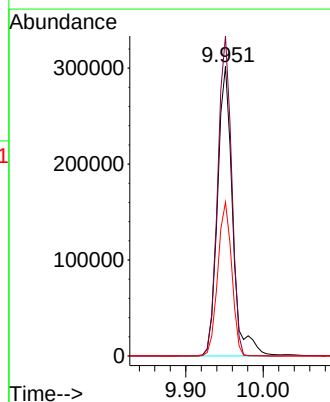
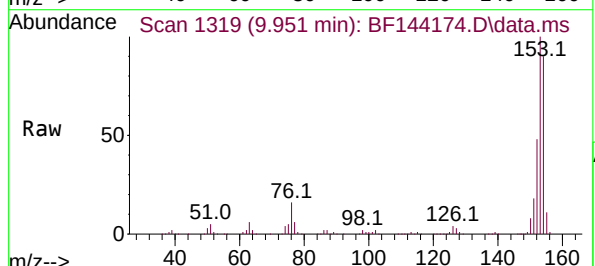
Tgt Ion:154 Resp: 407187

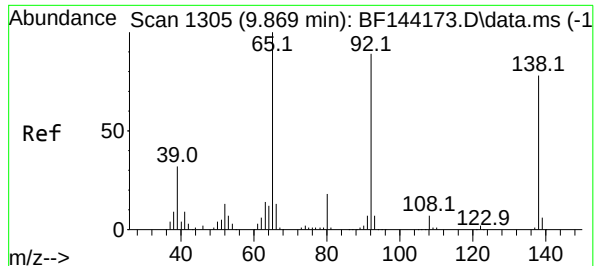
Ion Ratio Lower Upper

154 100

153 110.5 89.0 133.4

152 53.1 42.2 63.4





#53

3-Nitroaniline

Concen: 45.012 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

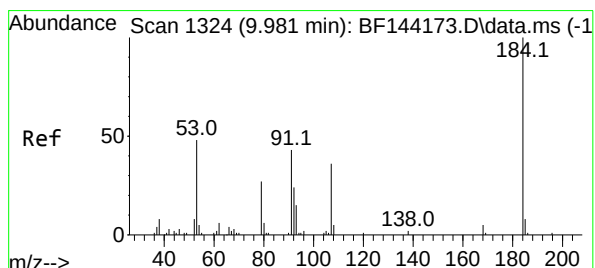
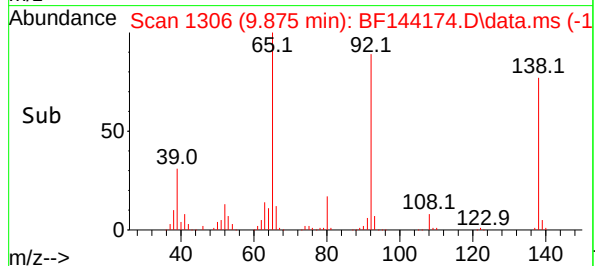
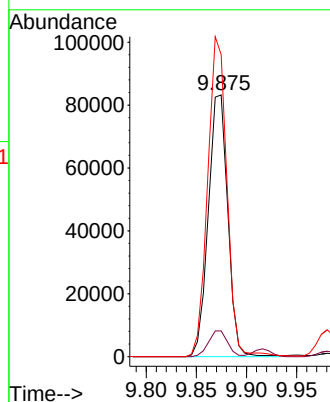
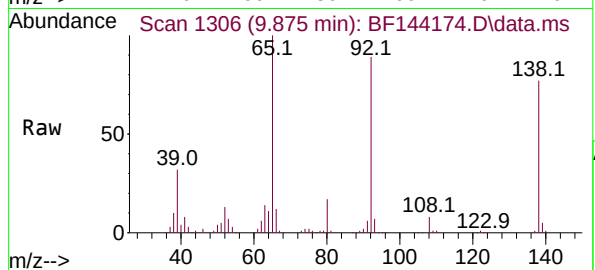
Tgt Ion:138 Resp: 112371

Ion Ratio Lower Upper

138 100

108 9.8 7.5 11.3

92 115.4 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 41.007 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

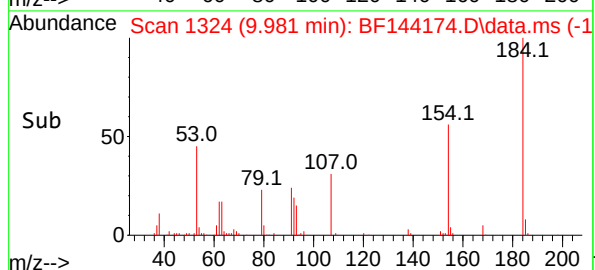
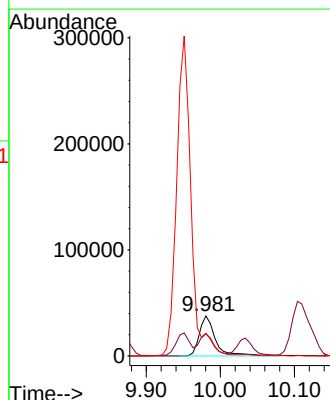
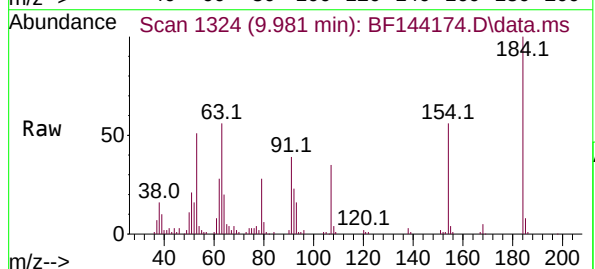
Tgt Ion:184 Resp: 56551

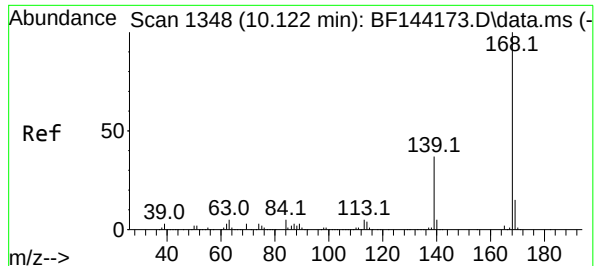
Ion Ratio Lower Upper

184 100

63 56.3 44.0 66.0

154 55.5 42.4 63.6





#55

Dibenzofuran

Concen: 43.989 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

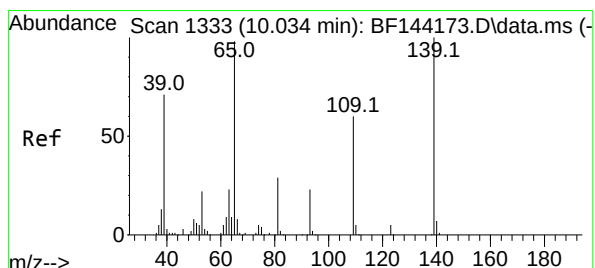
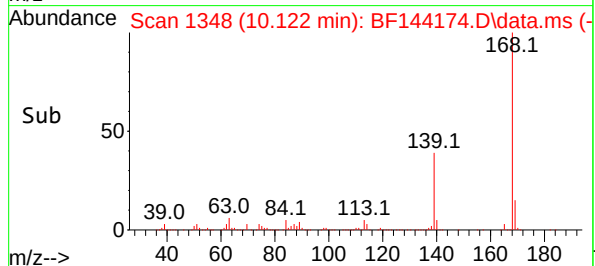
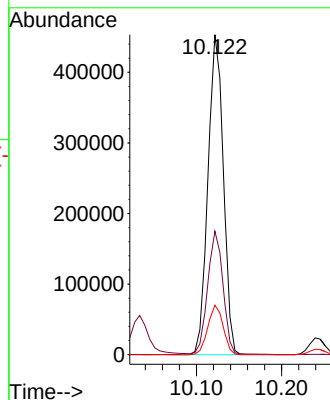
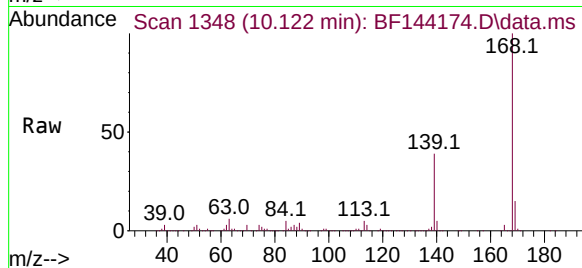
Tgt Ion:168 Resp: 569268

Ion Ratio Lower Upper

168 100

139 38.6 30.2 45.2

169 15.4 12.2 18.4



#56

4-Nitrophenol

Concen: 43.544 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

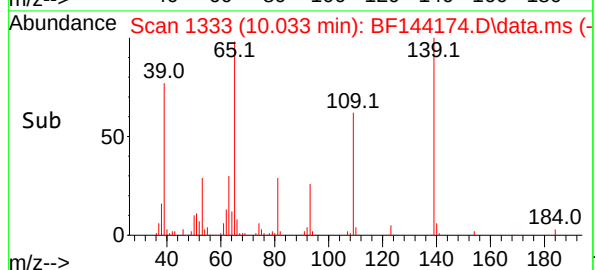
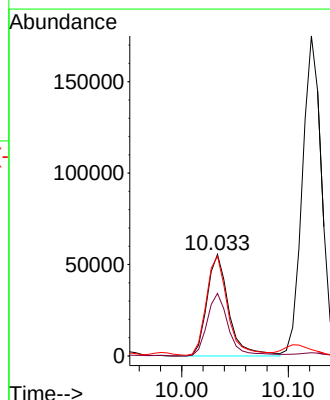
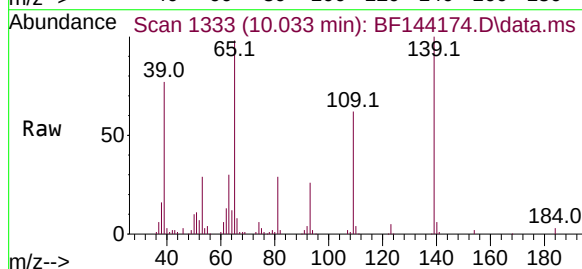
Tgt Ion:139 Resp: 78636

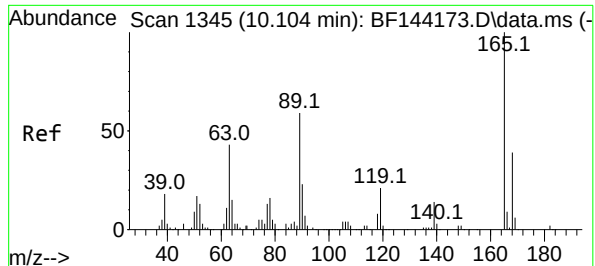
Ion Ratio Lower Upper

139 100

109 61.6 39.9 79.9

65 98.3 79.5 119.5

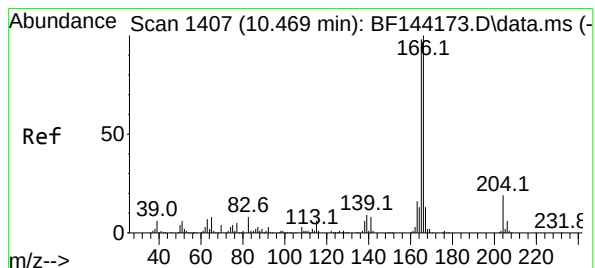
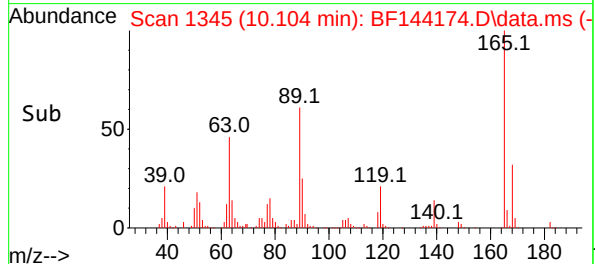
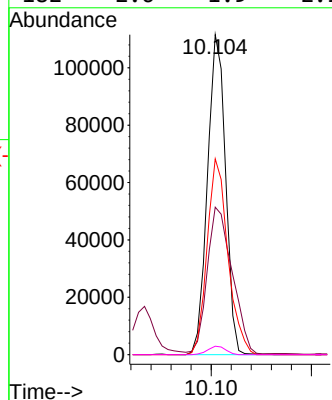
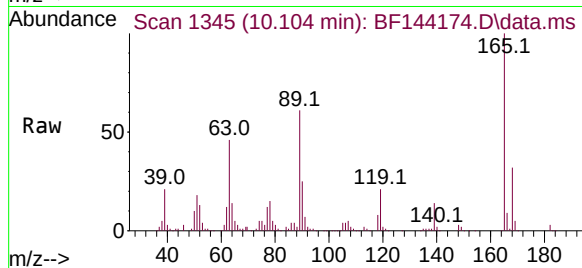




#57
2,4-Dinitrotoluene
Concen: 45.629 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

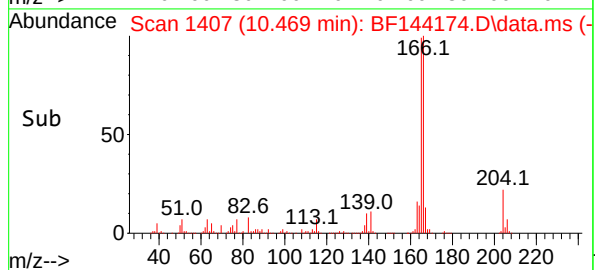
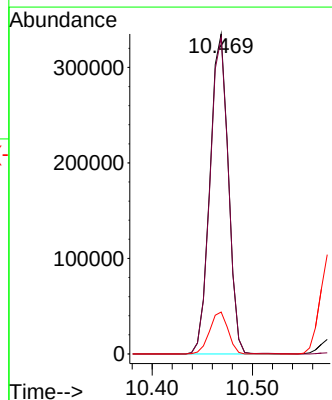
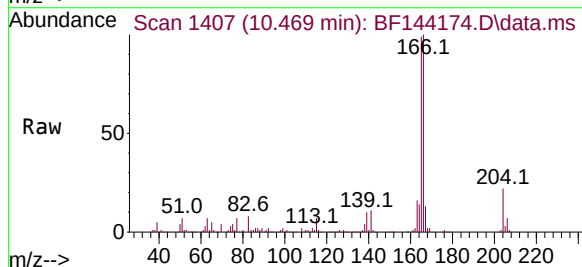
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

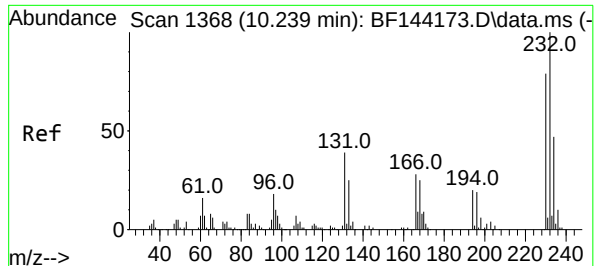
Tgt Ion:165 Resp: 139501
Ion Ratio Lower Upper
165 100
63 46.1 35.5 53.3
89 61.2 47.4 71.2
182 2.6 1.9 2.9



#58
Fluorene
Concen: 43.136 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:166 Resp: 424429
Ion Ratio Lower Upper
166 100
165 98.8 78.6 118.0
167 13.1 10.4 15.6

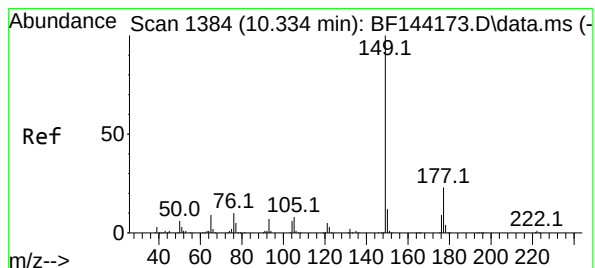
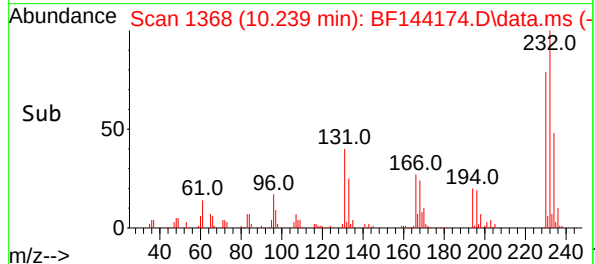
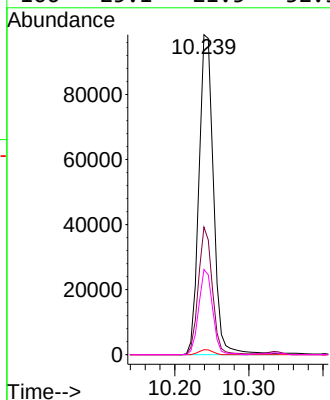
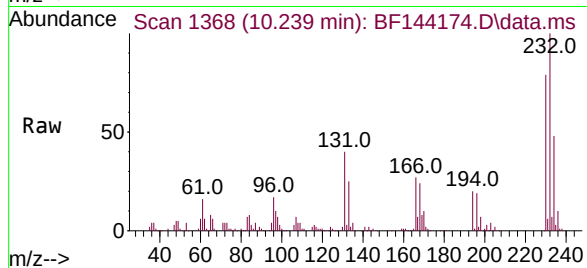




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.453 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

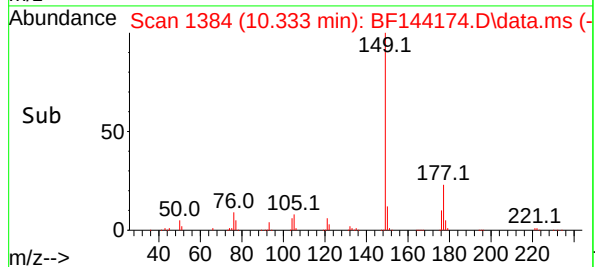
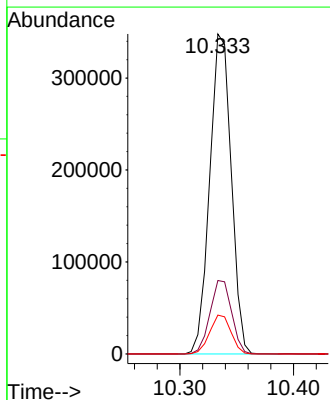
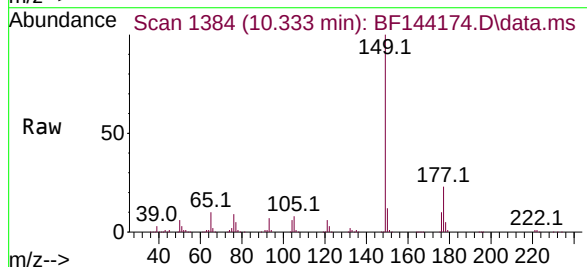
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

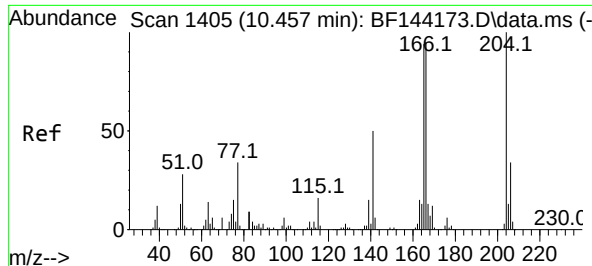
Tgt Ion:232 Resp: 134554
Ion Ratio Lower Upper
232 100
131 38.0 30.3 45.5
130 1.4 1.2 1.8
166 25.1 21.5 32.3



#60
Diethylphthalate
Concen: 43.997 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:149 Resp: 457569
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.1 9.8 14.6

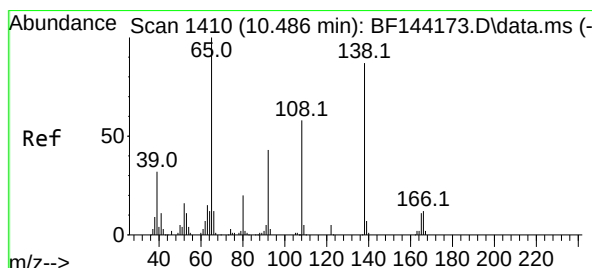
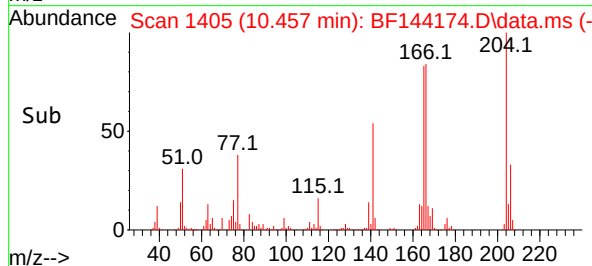
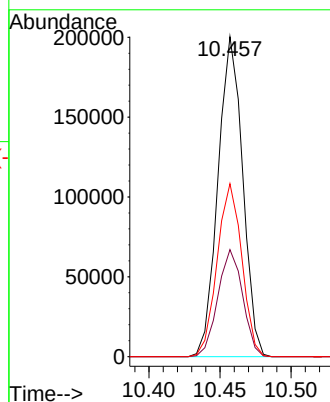
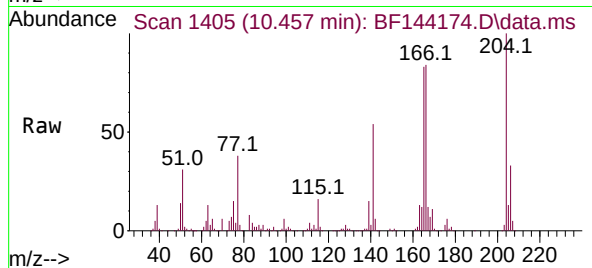




#61
4-Chlorophenyl-phenylether
Concen: 43.294 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

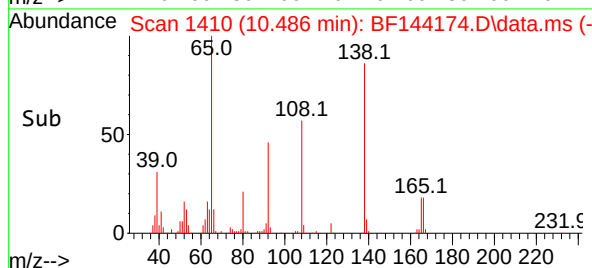
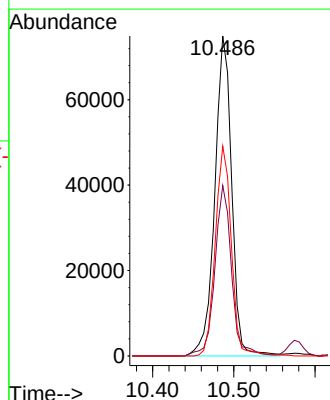
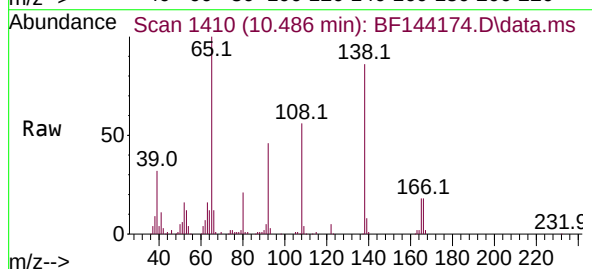
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

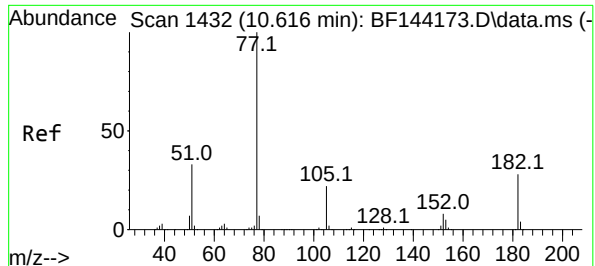
Tgt Ion:204 Resp: 242650
Ion Ratio Lower Upper
204 100
206 33.4 27.4 41.2
141 54.0 40.0 60.0



#62
4-Nitroaniline
Concen: 45.557 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:138 Resp: 108312
Ion Ratio Lower Upper
138 100
92 53.2 29.4 69.4
108 65.5 46.4 86.4

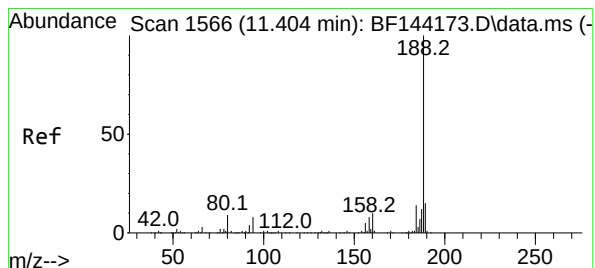
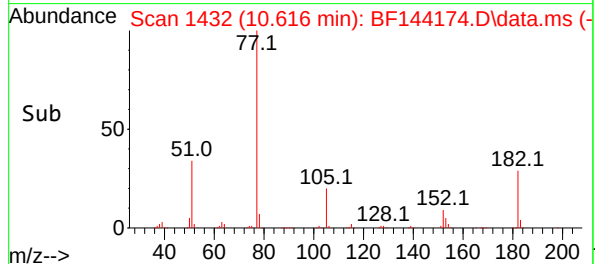
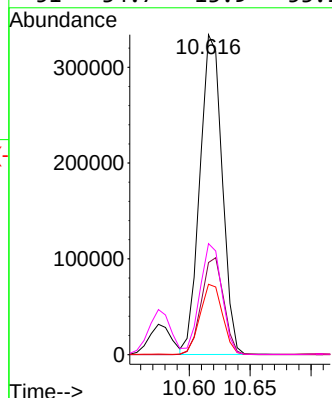
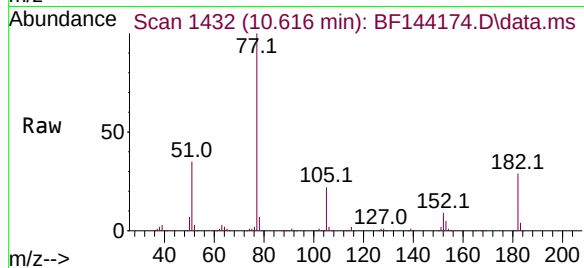




#63
Azobenzene
Concen: 43.768 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

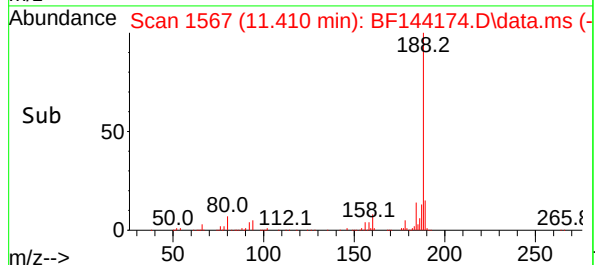
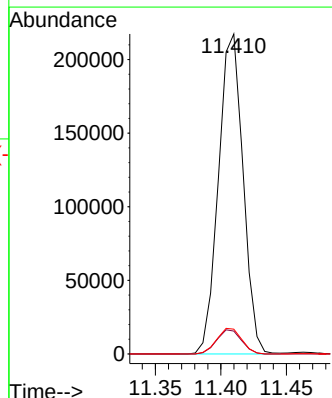
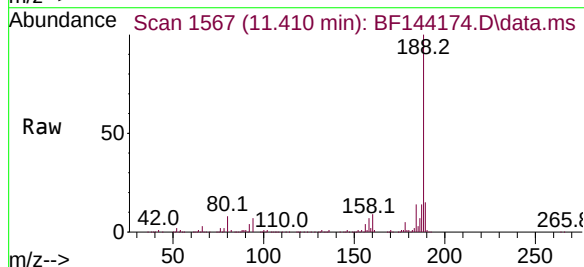
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

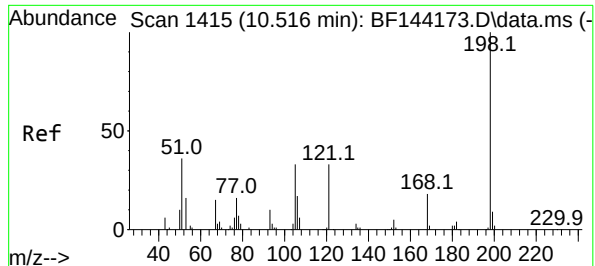
Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.1	48.1
105	22.0	2.0	42.0
51	34.7	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.2	9.2
80	7.7	6.9	10.3

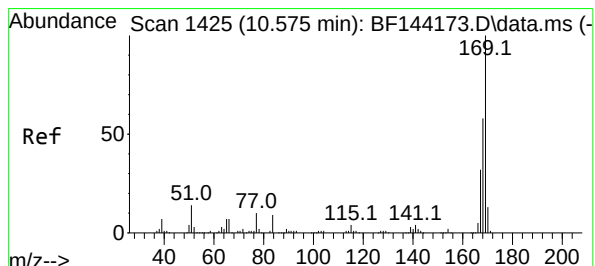
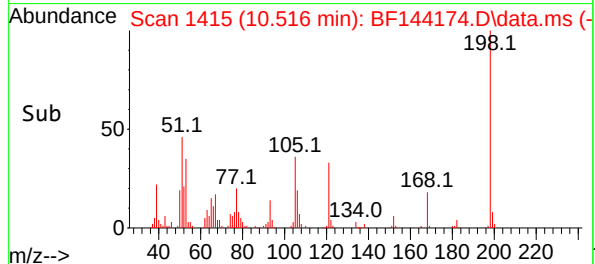
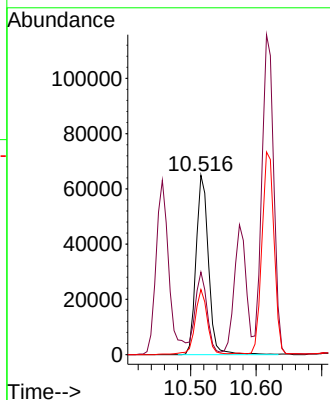
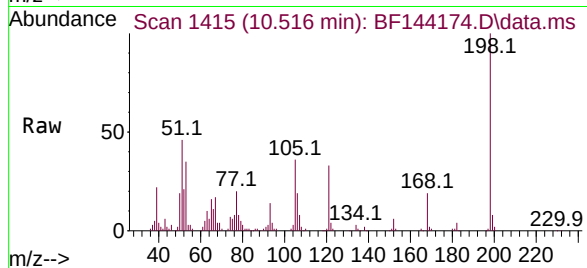




#65
4,6-Dinitro-2-methylphenol
Concen: 44.204 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

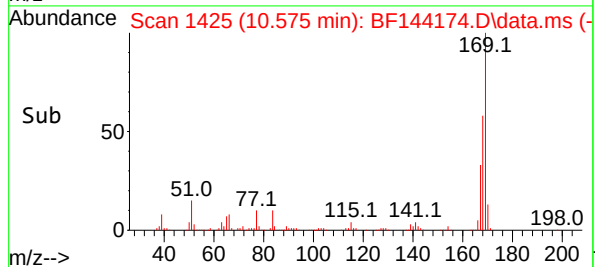
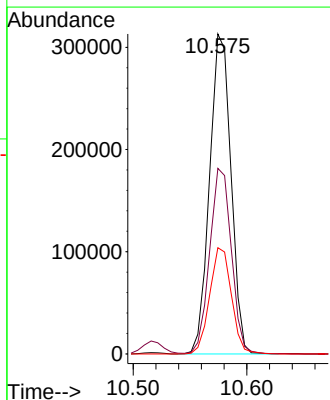
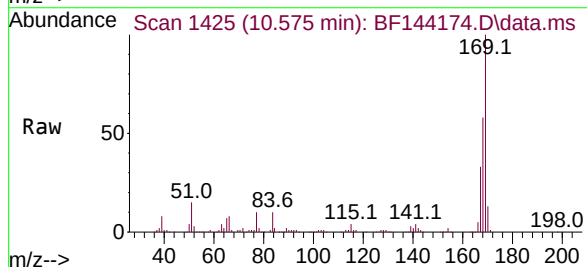
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

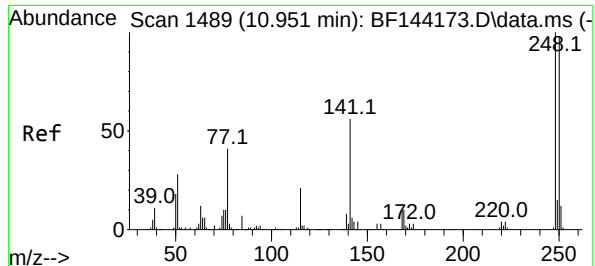
Tgt Ion:198 Resp: 85232
Ion Ratio Lower Upper
198 100
51 46.0 25.6 65.6
105 36.3 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 44.877 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:169 Resp: 409670
Ion Ratio Lower Upper
169 100
168 58.0 46.2 69.2
167 33.2 25.7 38.5

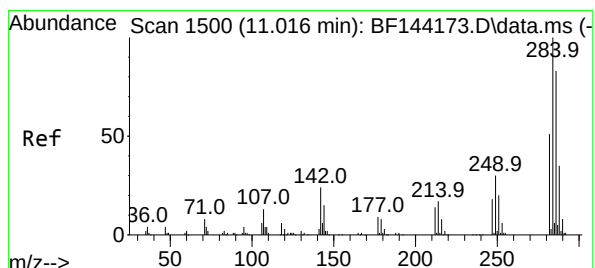
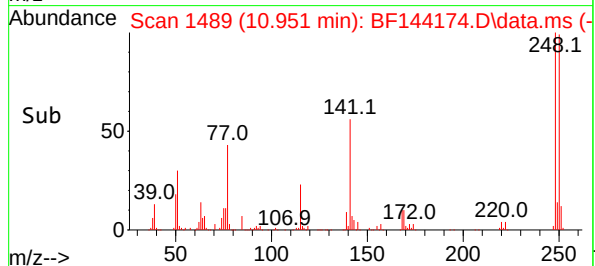
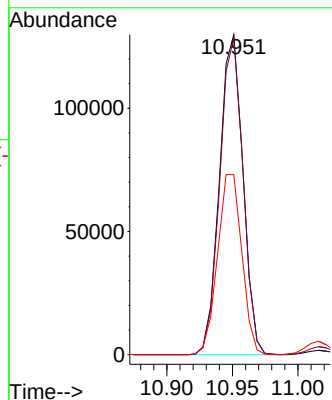
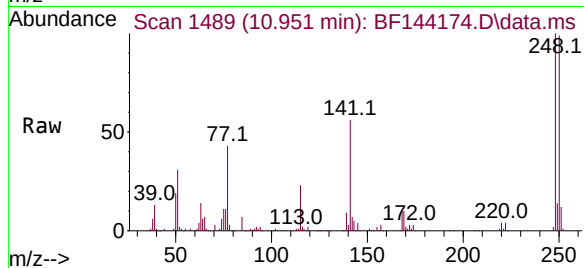




#67
4-Bromophenyl-phenylether
Concen: 44.606 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

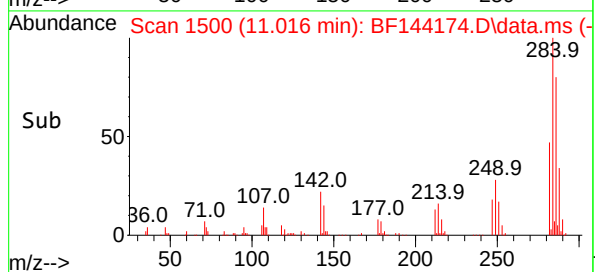
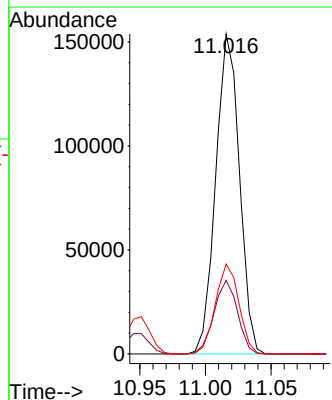
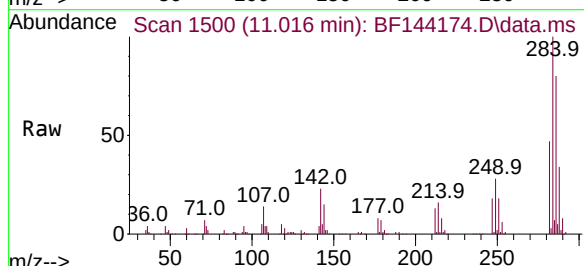
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

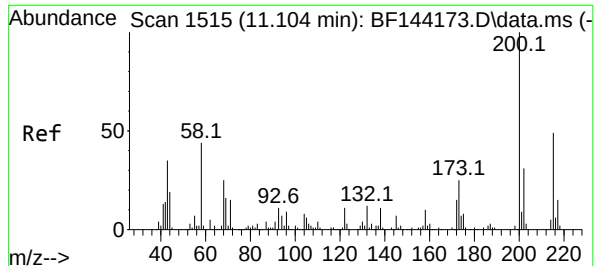
Tgt Ion:248 Resp: 161600
Ion Ratio Lower Upper
248 100
250 99.0 78.4 117.6
141 56.2 45.1 67.7



#68
Hexachlorobenzene
Concen: 45.364 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:284 Resp: 193574
Ion Ratio Lower Upper
284 100
142 23.0 19.2 28.8
249 28.1 23.8 35.8





#69

Atrazine

Concen: 43.906 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

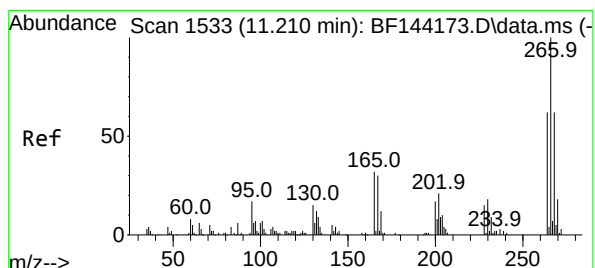
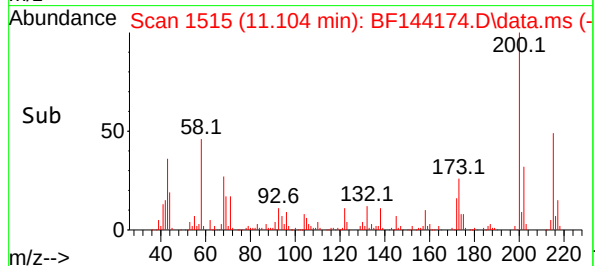
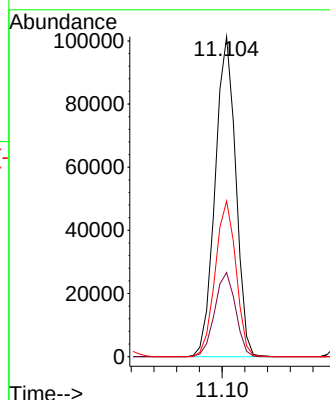
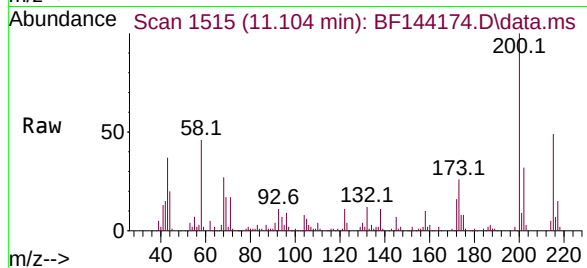
Tgt Ion:200 Resp: 127465

Ion Ratio Lower Upper

200 100

173 26.3 5.0 45.0

215 48.6 28.7 68.7



#70

Pentachlorophenol

Concen: 45.622 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

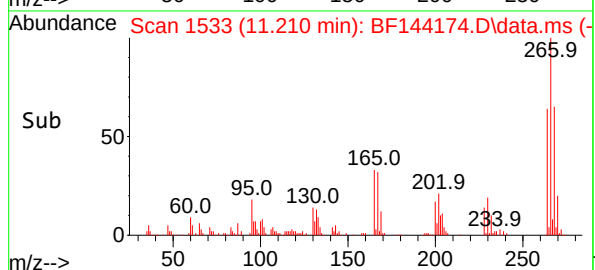
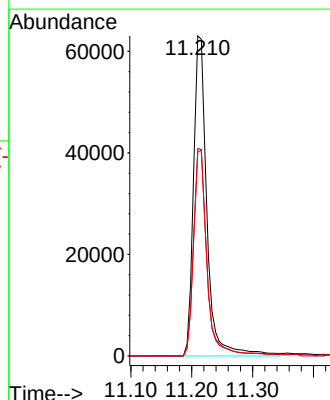
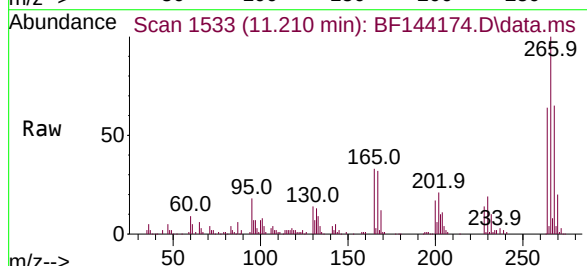
Tgt Ion:266 Resp: 96941

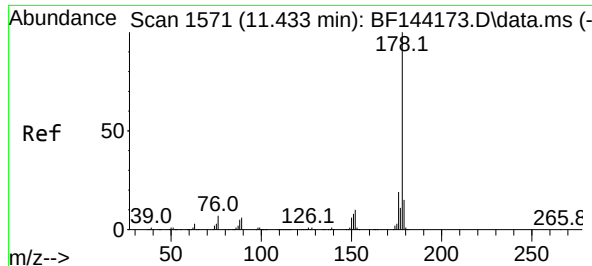
Ion Ratio Lower Upper

266 100

268 64.8 49.5 74.3

264 63.7 49.4 74.2

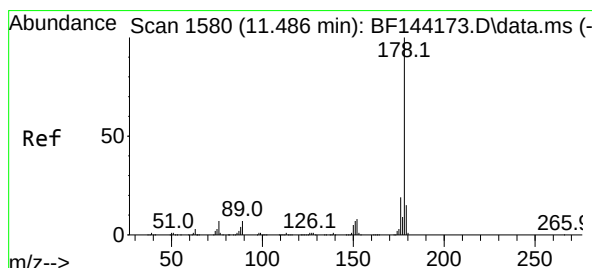
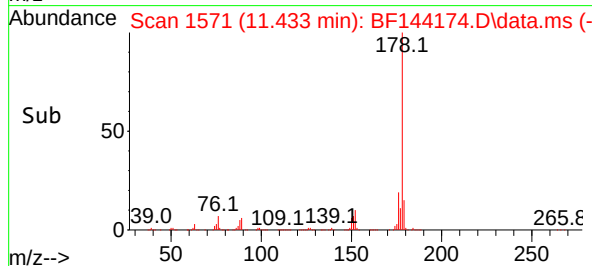
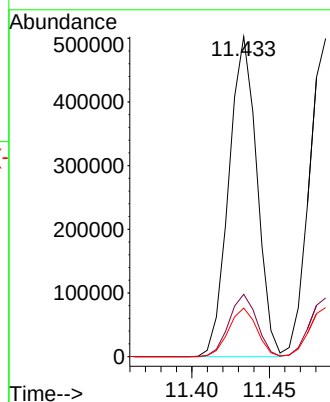
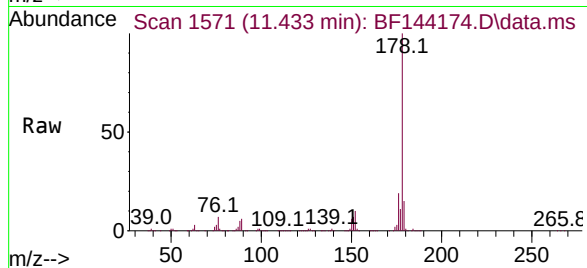




#71
Phenanthrene
Concen: 44.800 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

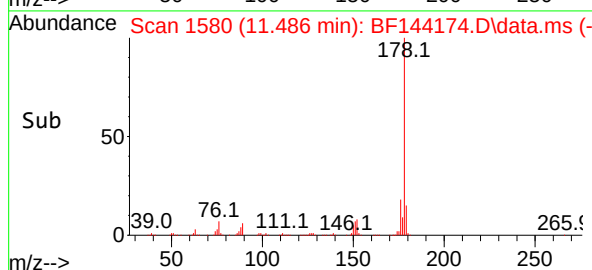
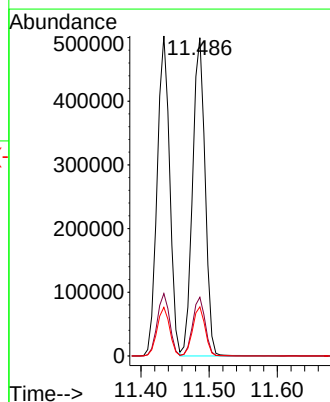
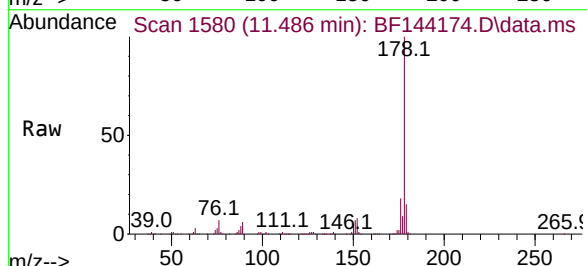
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

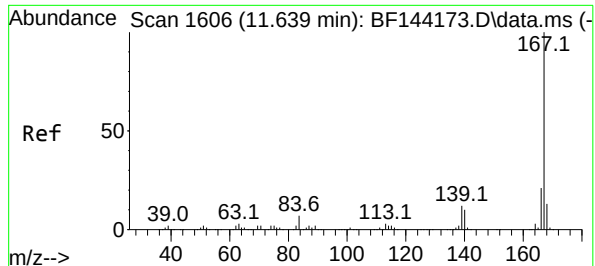
Tgt Ion:178 Resp: 633088
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.2 12.2 18.4



#72
Anthracene
Concen: 44.292 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:178 Resp: 636448
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.4 12.0 18.0

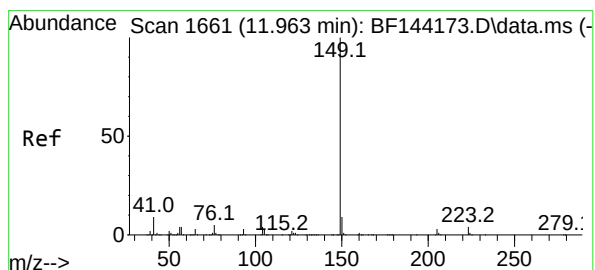
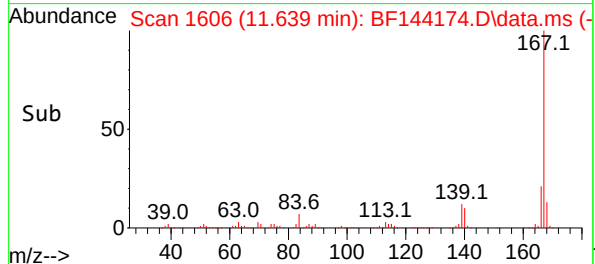
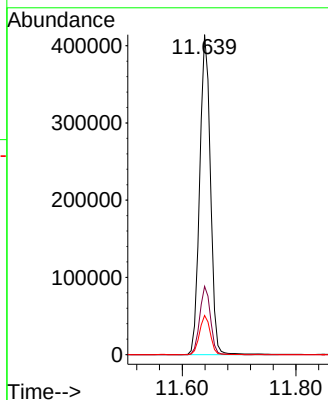
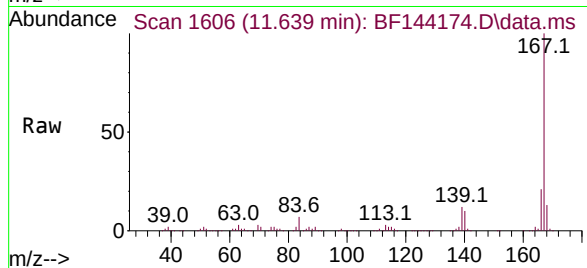




#73
Carbazole
Concen: 44.273 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

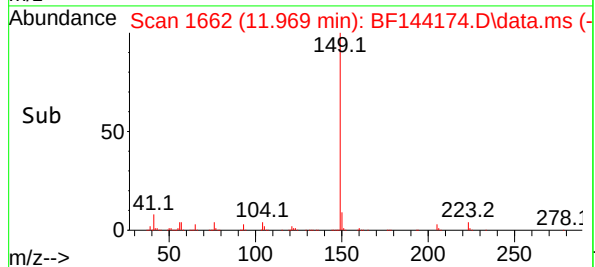
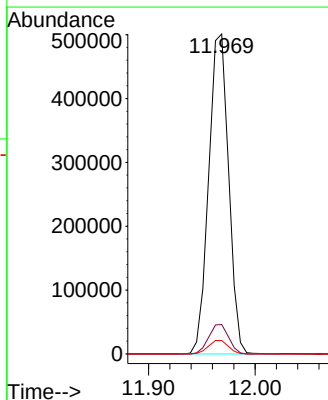
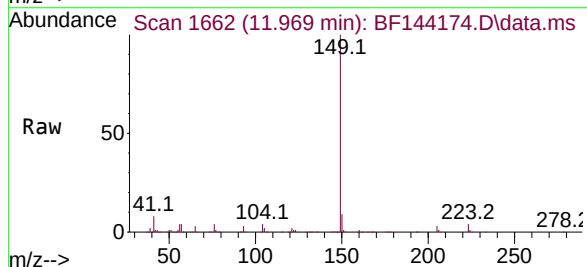
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

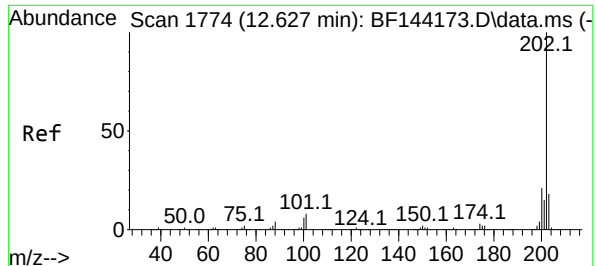
Tgt Ion:167 Resp: 540957
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 12.2 9.9 14.9



#74
Di-n-butylphthalate
Concen: 44.060 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:149 Resp: 650810
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.2 3.4 5.2

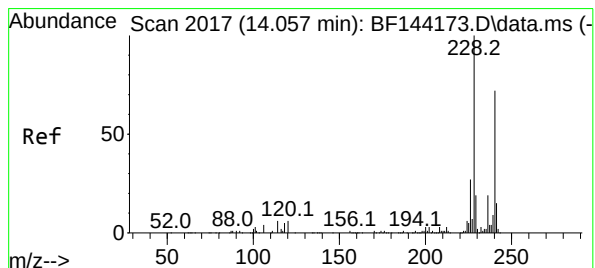
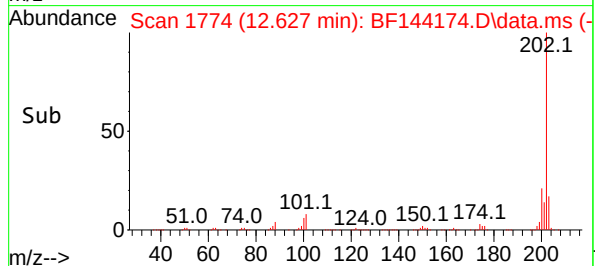
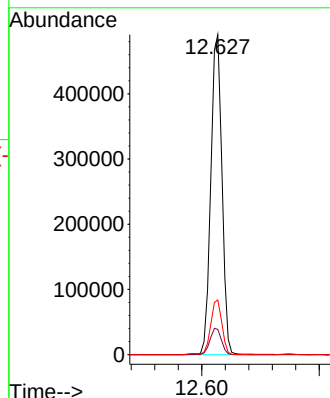
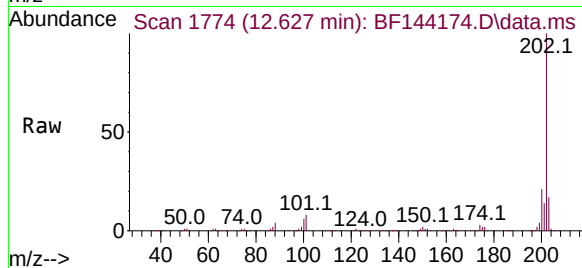




#75
Fluoranthene
Concen: 44.244 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

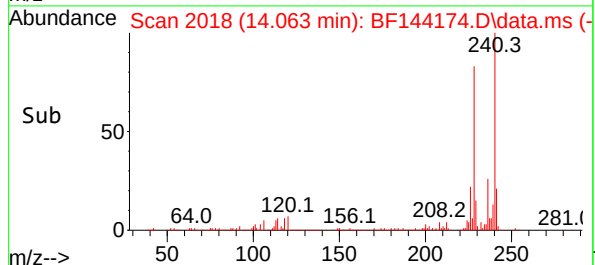
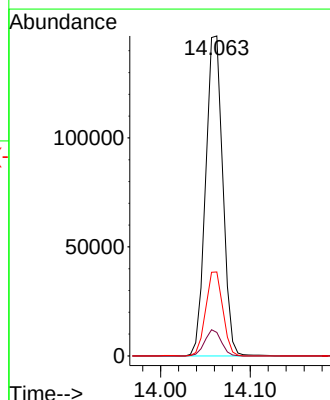
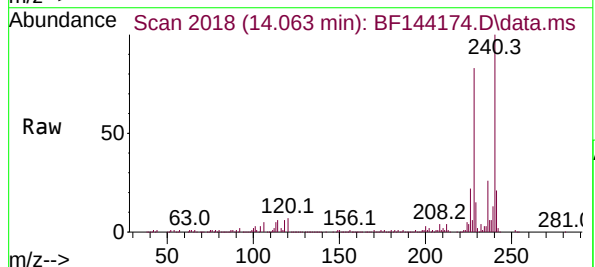
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

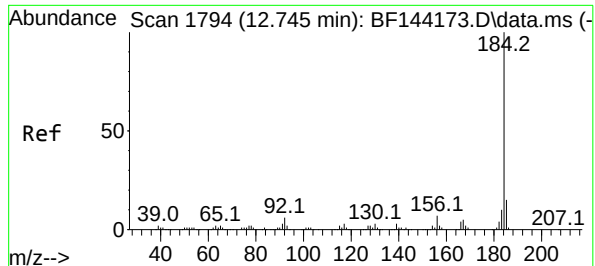
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	27.9
203	17.1	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.6	10.0
236	26.2	21.4	32.2

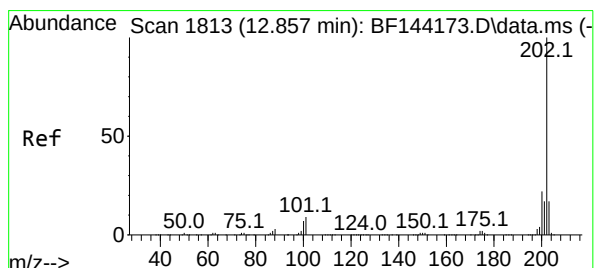
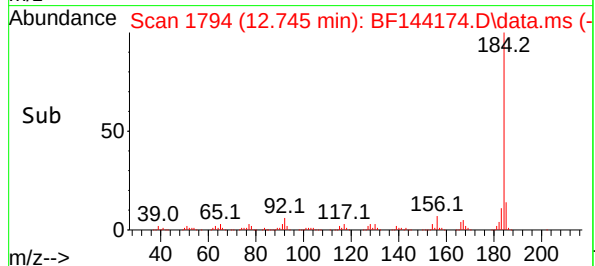
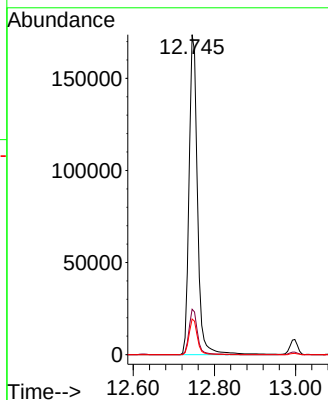
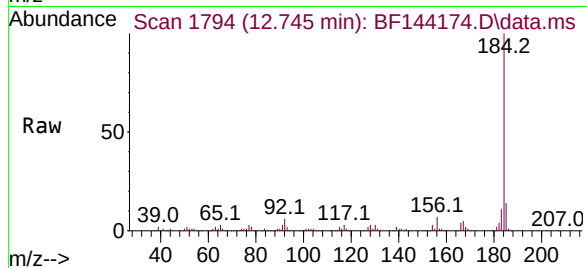




#77
Benzidine
Concen: 43.243 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

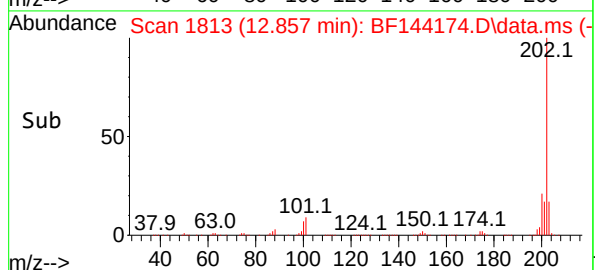
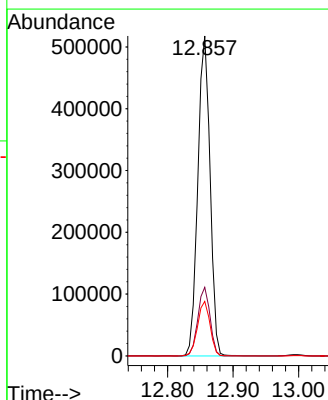
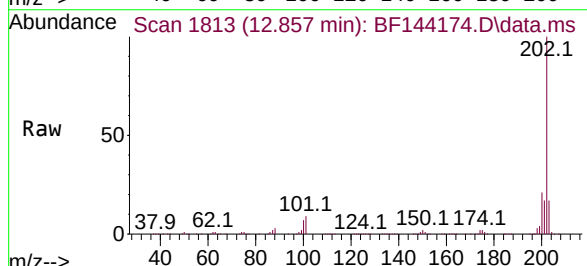
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

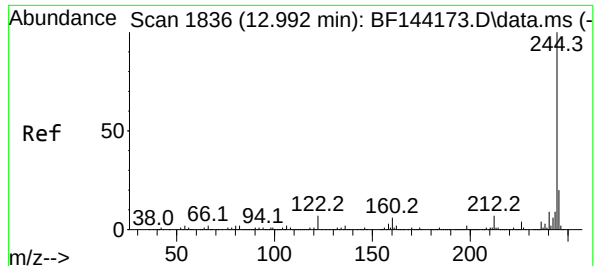
Tgt Ion:184 Resp: 248615
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.1 8.3 12.5



#78
Pyrene
Concen: 42.540 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:202 Resp: 666673
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.0 13.7 20.5





#79

Terphenyl-d14

Concen: 82.754 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

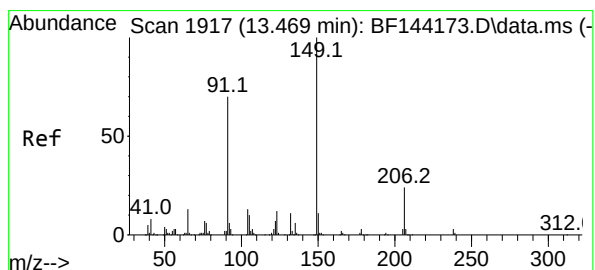
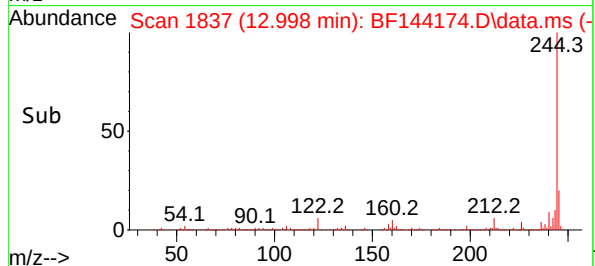
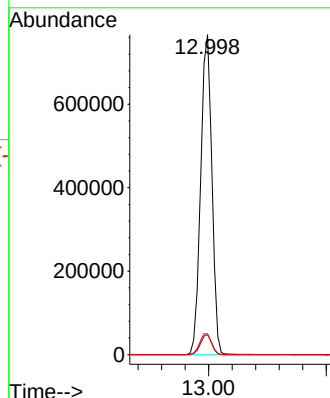
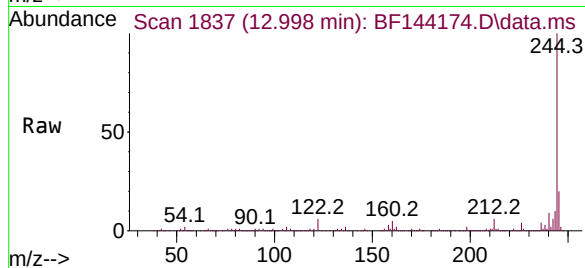
Tgt Ion:244 Resp: 1012618

Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

122 6.5 5.6 8.4



#80

Butylbenzylphthalate

Concen: 44.602 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

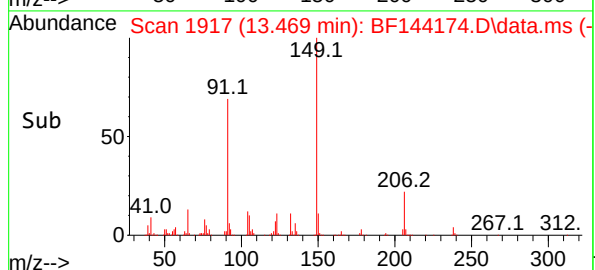
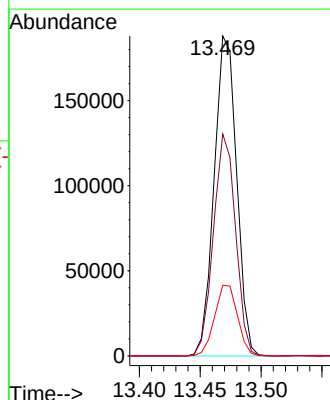
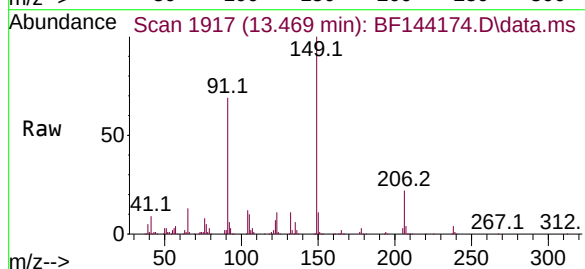
Tgt Ion:149 Resp: 242259

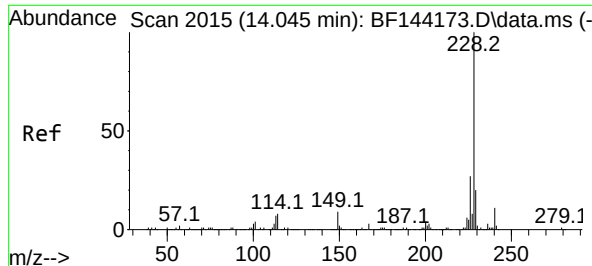
Ion Ratio Lower Upper

149 100

91 69.4 56.1 84.1

206 22.1 18.8 28.2

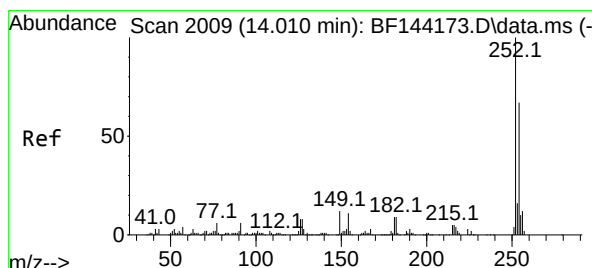
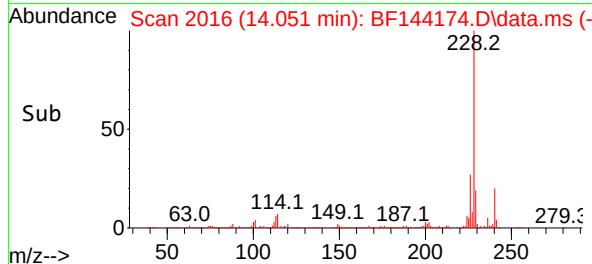
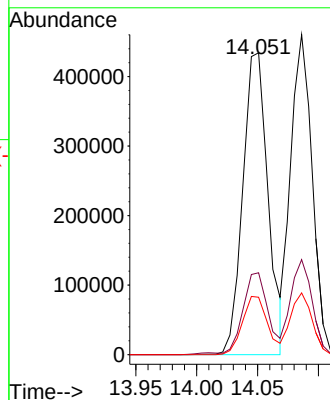
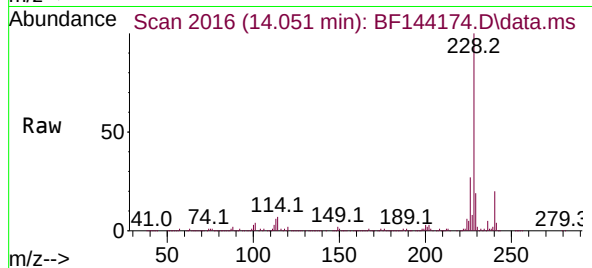




#81
Benzo(a)anthracene
Concen: 46.515 ng
RT: 14.051 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

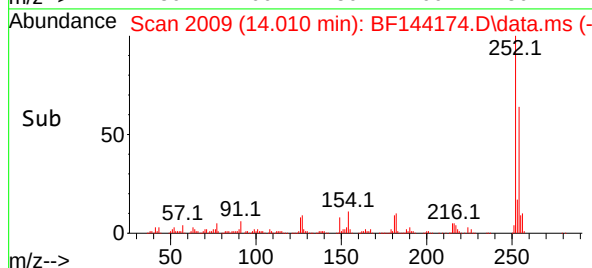
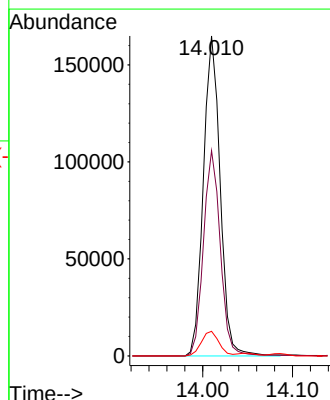
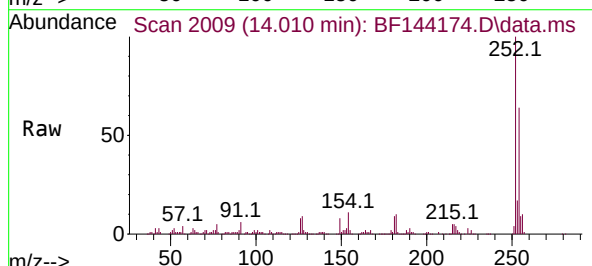
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

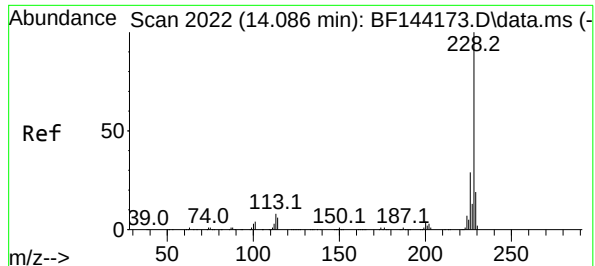
Tgt Ion:228 Resp: 626599
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.0 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 46.440 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:252 Resp: 214437
Ion Ratio Lower Upper
252 100
254 64.1 53.5 80.3
126 7.7 6.4 9.6





#83

Chrysene

Concen: 45.489 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

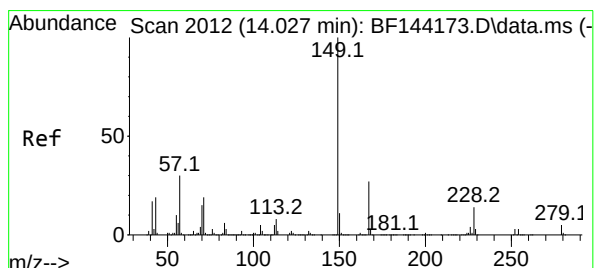
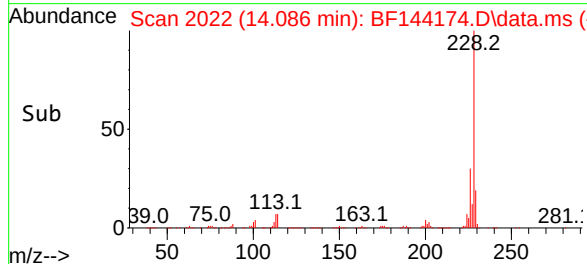
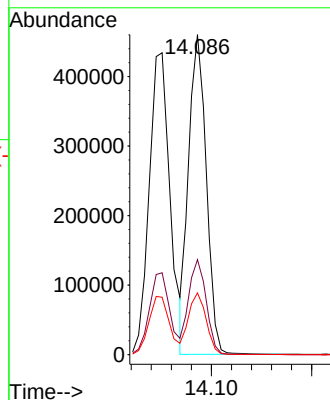
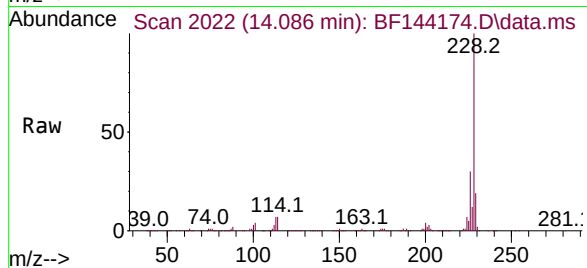
Tgt Ion:228 Resp: 565678

Ion Ratio Lower Upper

228 100

226 29.7 22.9 34.3

229 19.3 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.061 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

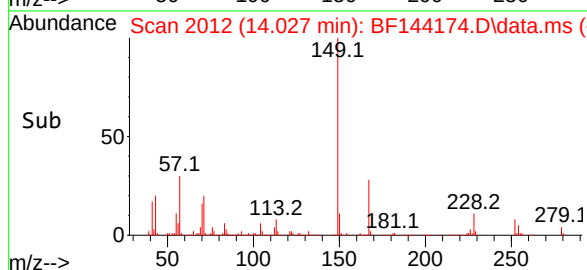
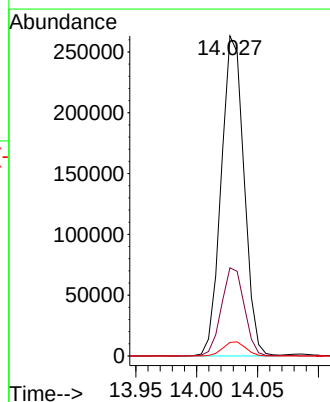
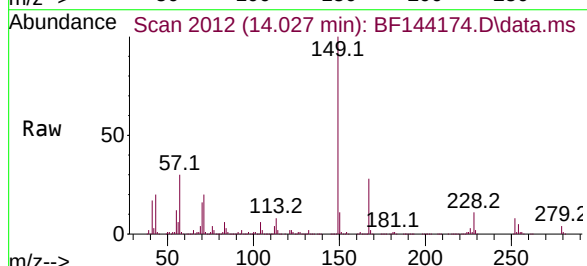
Tgt Ion:149 Resp: 342489

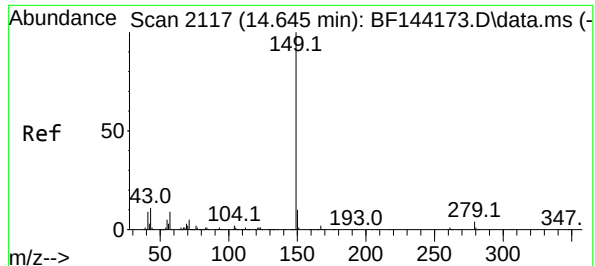
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

279 4.2 3.7 5.5

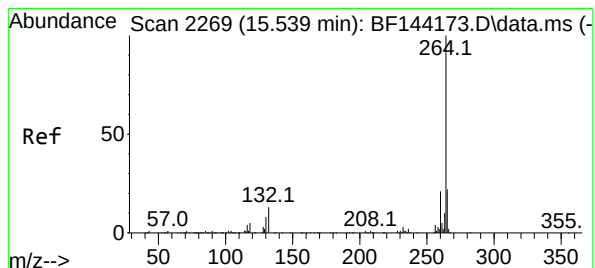
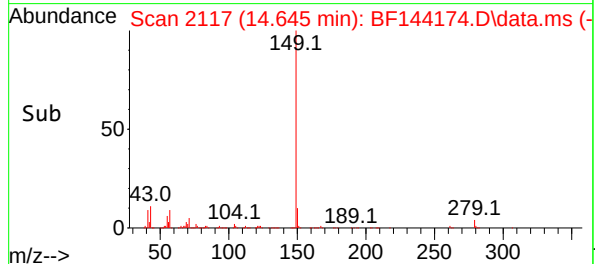
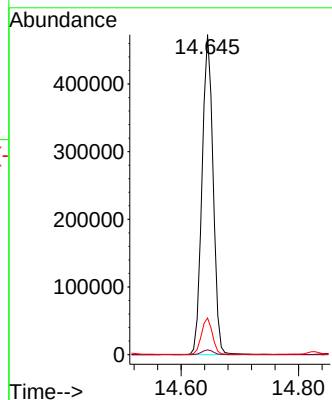
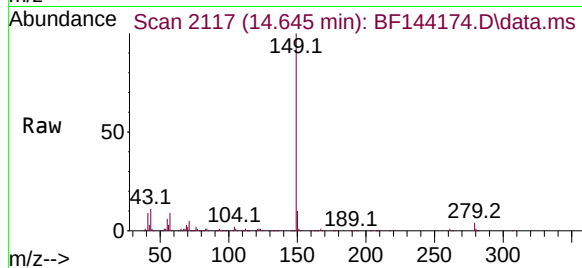




#85
Di-n-octyl phthalate
Concen: 48.068 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

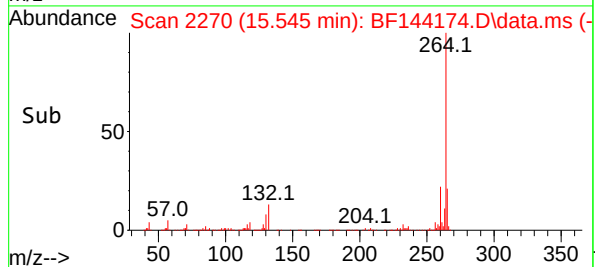
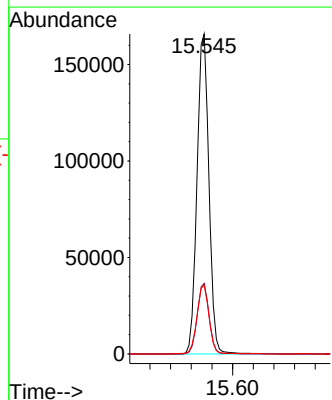
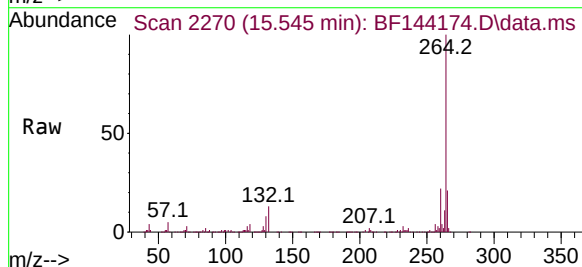
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

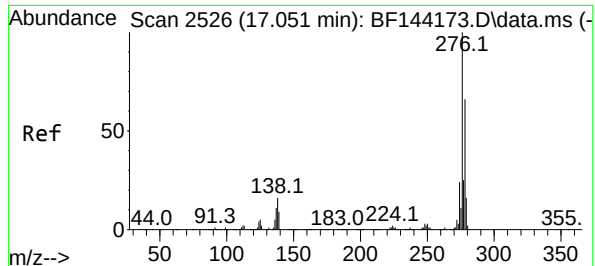
Tgt Ion:149 Resp: 616644
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.4 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:264 Resp: 264861
Ion Ratio Lower Upper
264 100
260 22.0 17.1 25.7
265 21.5 17.4 26.0

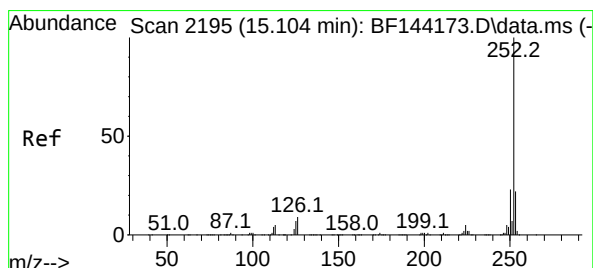
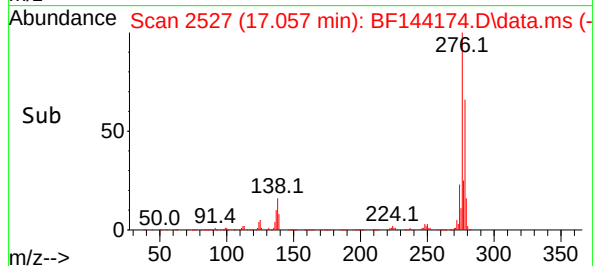
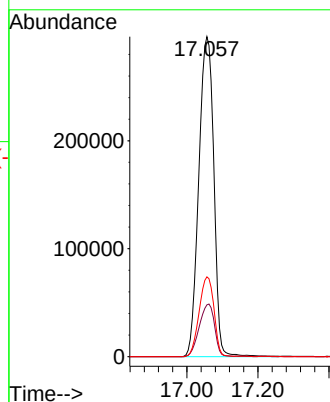
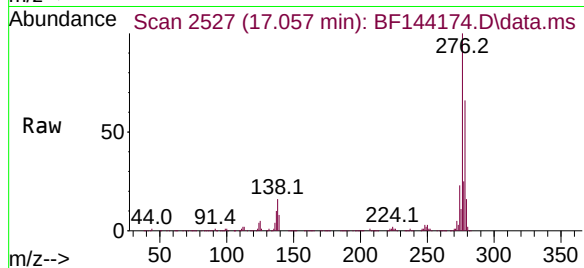




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.642 ng
RT: 17.057 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

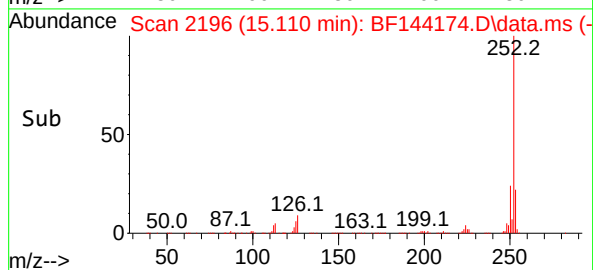
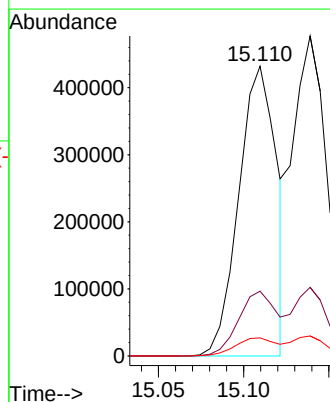
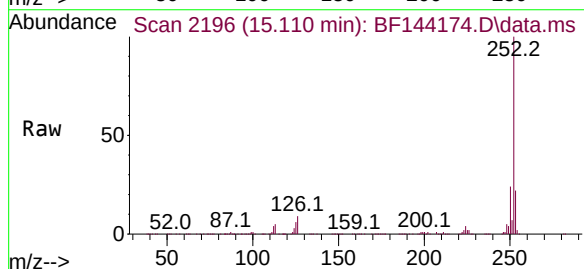
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

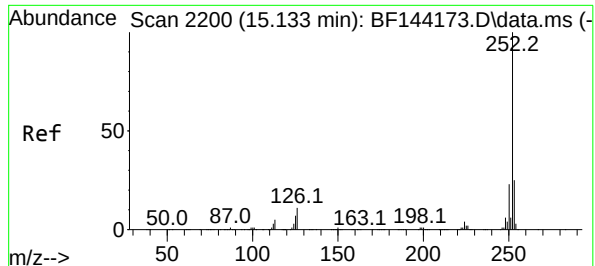
Tgt Ion:276 Resp: 867786
Ion Ratio Lower Upper
276 100
138 16.7 13.9 20.9
277 24.5 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 44.079 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:252 Resp: 663728
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 6.2 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 46.952 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

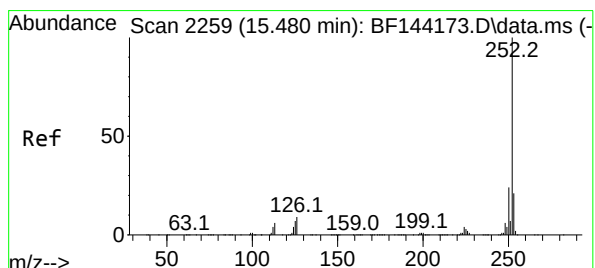
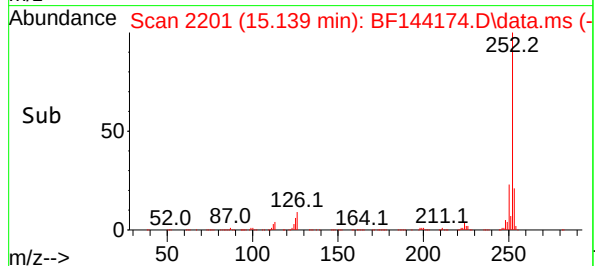
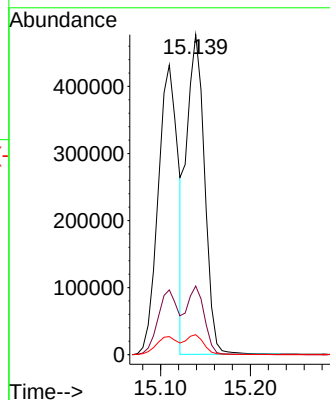
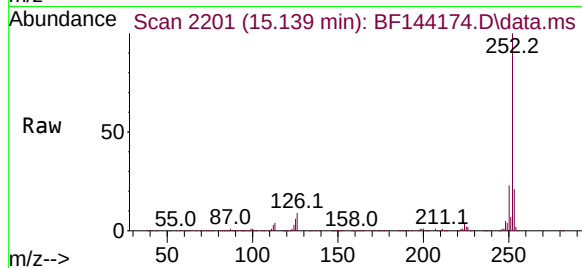
Tgt Ion:252 Resp: 661746

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

125 6.2 5.4 8.2



#90

Benzo(a)pyrene

Concen: 45.882 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

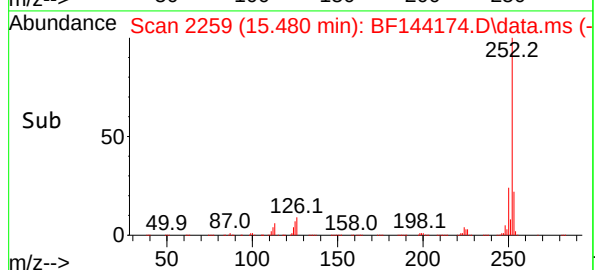
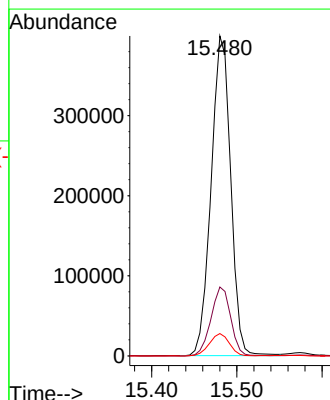
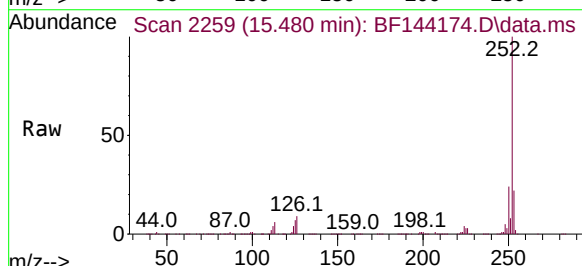
Tgt Ion:252 Resp: 637370

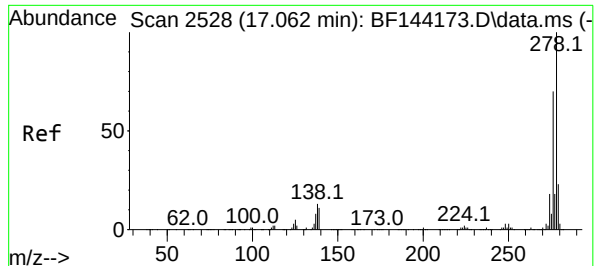
Ion Ratio Lower Upper

252 100

253 21.5 16.7 25.1

125 7.0 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 45.098 ng

RT: 17.068 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

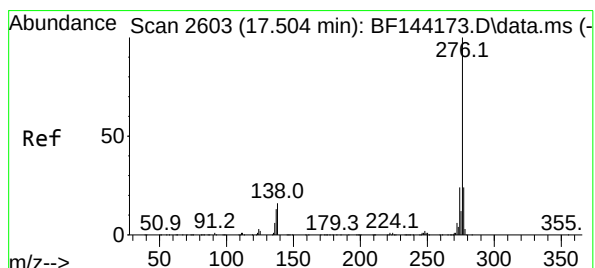
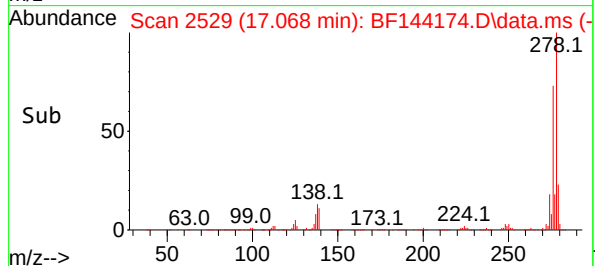
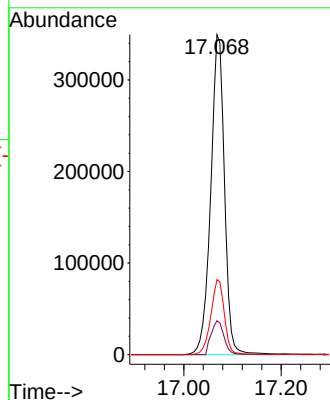
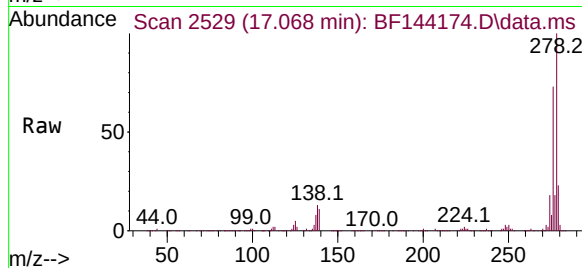
Tgt Ion:278 Resp: 688620

Ion Ratio Lower Upper

278 100

139 10.6 9.1 13.7

279 23.4 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 45.152 ng

RT: 17.509 min Scan# 2604

Delta R.T. -0.012 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

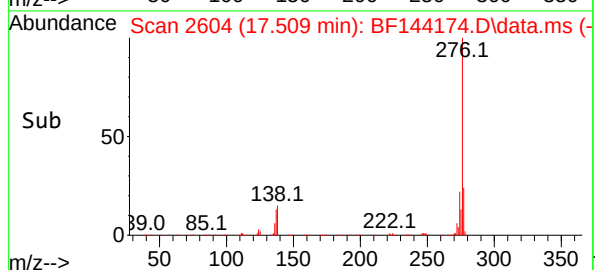
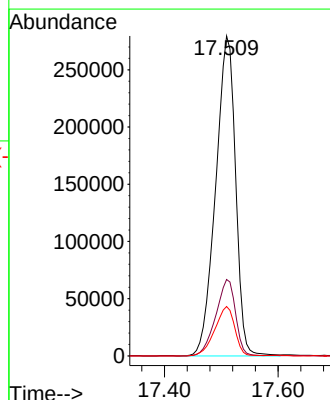
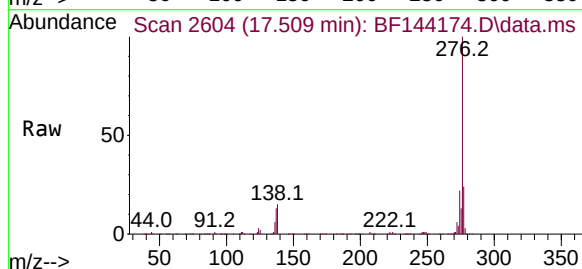
Tgt Ion:276 Resp: 680830

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 15.4 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144175.D
 Acq On : 05 Nov 2025 16:19
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Nov 05 17:24:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	63801	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	239743	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	126385	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	213136	20.000	ng	0.00
76) Chrysene-d12	14.057	240	145867	20.000	ng	0.00
86) Perylene-d12	15.539	264	205758	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	509184	124.890	ng	0.00
7) Phenol-d6	6.510	99	559443	121.101	ng	0.00
23) Nitrobenzene-d5	7.439	82	519687	125.195	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	198226	124.986	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1047440	122.404	ng	0.00
79) Terphenyl-d14	12.998	244	1057426	115.147	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.604	88	109742	65.106	ng	99
3) Pyridine	3.375	79	307664	65.424	ng	97
4) n-Nitrosodimethylamine	3.334	42	166098	67.619	ng	97
6) Aniline	6.539	93	409356	62.194	ng	99
8) 2-Chlorophenol	6.663	128	247503	61.902	ng	99
9) Benzaldehyde	6.428	77	150534	57.706	ng	98
10) Phenol	6.522	94	342646	60.707	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	256657	62.405	ng	96
12) 1,3-Dichlorobenzene	6.816	146	303642	61.543	ng	98
13) 1,4-Dichlorobenzene	6.892	146	306973	62.104	ng	99
14) 1,2-Dichlorobenzene	7.045	146	293432	61.936	ng	99
15) Benzyl Alcohol	7.016	79	229107	62.632	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	467387	61.712	ng	96
17) 2-Methylphenol	7.128	107	191705	60.269	ng	96
18) Hexachloroethane	7.386	117	103964	63.308	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	179314	58.963	ng	96
20) 3+4-Methylphenols	7.281	107	224891	59.977	ng	91
22) Acetophenone	7.286	105	302907	58.897	ng	94
24) Nitrobenzene	7.463	77	285924	63.439	ng	98
25) Isophorone	7.698	82	485836	61.876	ng	99
26) 2-Nitrophenol	7.775	139	144140	64.606	ng	96
27) 2,4-Dimethylphenol	7.810	122	212249	63.471	ng	95
28) bis(2-Chloroethoxy)met...	7.904	93	304411	62.085	ng	99
29) 2,4-Dichlorophenol	8.016	162	234718	60.899	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	240858	60.858	ng	98
31) Naphthalene	8.181	128	684579	60.028	ng	100
32) Benzoic acid	7.933	122	136682	55.761	ng	96
33) 4-Chloroaniline	8.228	127	255554	61.441	ng	98
34) Hexachlorobutadiene	8.298	225	182626	61.229	ng	98
35) Caprolactam	8.610	113	62840	59.512	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	208910	60.481	ng	99
37) 2-Methylnaphthalene	8.875	142	447909	58.743	ng	98
38) 1-Methylnaphthalene	8.975	142	431529	58.654	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	271508	65.549	ng	99
41) Hexachlorocyclopentadiene	9.022	237	95909	64.419	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	185412	65.769	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144175.D
 Acq On : 05 Nov 2025 16:19
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

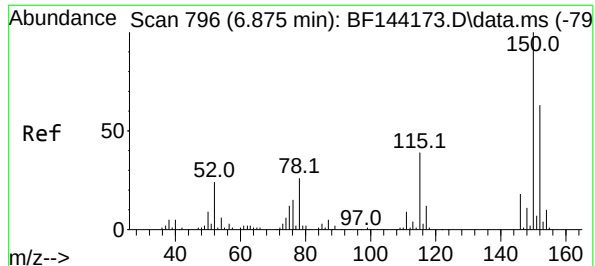
Quant Time: Nov 05 17:24:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	190324	62.639	ng	99
46) 1,1'-Biphenyl	9.339	154	549700	62.310	ng	99
47) 2-Chloronaphthalene	9.363	162	474514	63.056	ng	99
48) 2-Nitroaniline	9.457	65	141938	65.370	ng	98
49) Acenaphthylene	9.775	152	636324	62.050	ng	100
50) Dimethylphthalate	9.633	163	521205	62.250	ng	99
51) 2,6-Dinitrotoluene	9.698	165	110140	64.983	ng	99
52) Acenaphthene	9.951	154	423653	61.778	ng	99
53) 3-Nitroaniline	9.869	138	119967	64.749	ng	100
54) 2,4-Dinitrophenol	9.980	184	63597	62.138	ng	98
55) Dibenzofuran	10.122	168	592400	61.680	ng	98
56) 4-Nitrophenol	10.033	139	80163	59.812	ng	97
57) 2,4-Dinitrotoluene	10.104	165	142910	62.984	ng	97
58) Fluorene	10.469	166	435687	59.664	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	140953	65.569	ng	97
60) Diethylphthalate	10.333	149	468931	60.755	ng	98
61) 4-Chlorophenyl-phenylether	10.457	204	249857	60.068	ng	97
62) 4-Nitroaniline	10.486	138	109153	61.862	ng	97
63) Azobenzene	10.616	77	453890	63.187	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	90823	62.727	ng	97
66) n-Nitrosodiphenylamine	10.574	169	421720	61.520	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	170395	62.634	ng	99
68) Hexachlorobenzene	11.016	284	204258	63.744	ng	96
69) Atrazine	11.104	200	134002	61.467	ng	100
70) Pentachlorophenol	11.216	266	103466	64.842	ng	99
71) Phenanthrene	11.433	178	641461	60.448	ng	99
72) Anthracene	11.486	178	656819	60.871	ng	100
73) Carbazole	11.639	167	546322	59.542	ng	100
74) Di-n-butylphthalate	11.969	149	677444	61.075	ng	99
75) Fluoranthene	12.627	202	667021	60.849	ng	99
77) Benzidine	12.745	184	277725	64.368	ng	100
78) Pyrene	12.857	202	686663	58.384	ng	100
80) Butylbenzylphthalate	13.468	149	249274	61.152	ng	100
81) Benzo(a)anthracene	14.051	228	653341	64.625	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	232807	67.182	ng	96
83) Chrysene	14.086	228	580449	62.196	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	351501	62.991	ng	98
85) Di-n-octyl phthalate	14.645	149	631065	65.547	ng	100
87) Indeno(1,2,3-cd)pyrene	17.056	276	938738	63.557	ng	100
88) Benzo(b)fluoranthene	15.109	252	700099	59.849	ng	99
89) Benzo(k)fluoranthene	15.139	252	699851	63.919	ng	98
90) Benzo(a)pyrene	15.480	252	680720	63.078	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	746544	62.936	ng	98
92) Benzo(g,h,i)perylene	17.515	276	757880	64.699	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

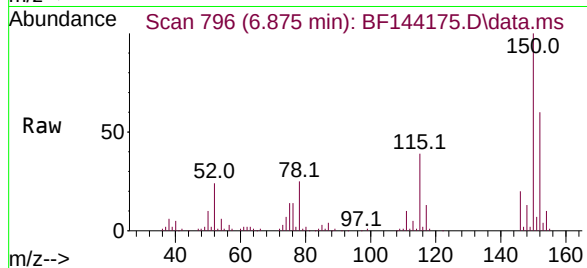
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

[illegible]

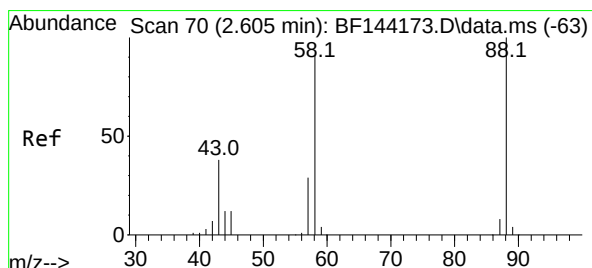
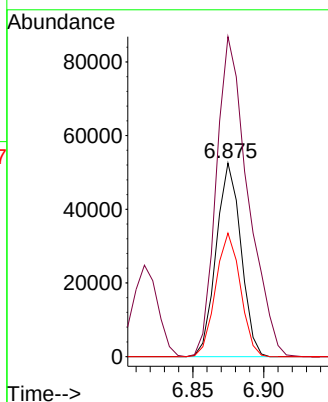
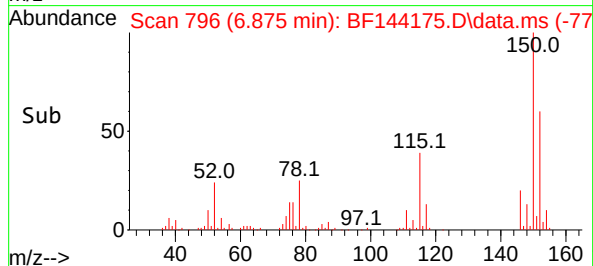


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

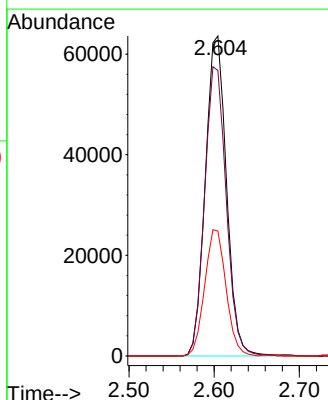
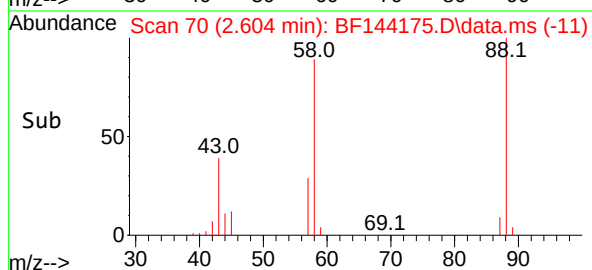
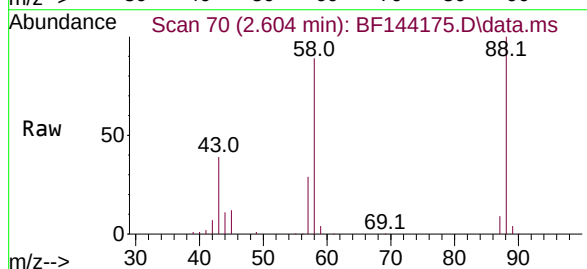


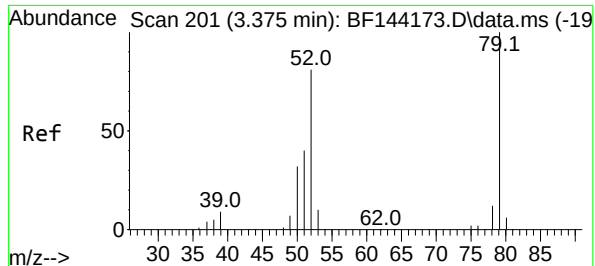
Tgt Ion:152 Resp: 63801
Ion Ratio Lower Upper
152 100
150 165.3 127.4 191.0
115 63.8 49.5 74.3



#2
1,4-Dioxane
Concen: 65.106 ng
RT: 2.604 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 88 Resp: 109742
Ion Ratio Lower Upper
88 100
58 92.2 73.1 109.7
43 39.9 31.0 46.6





#3

Pyridine

Concen: 65.424 ng

RT: 3.375 min Scan# 201

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

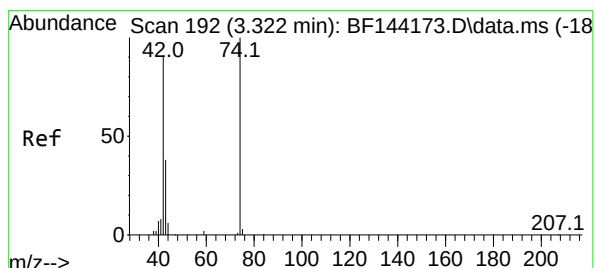
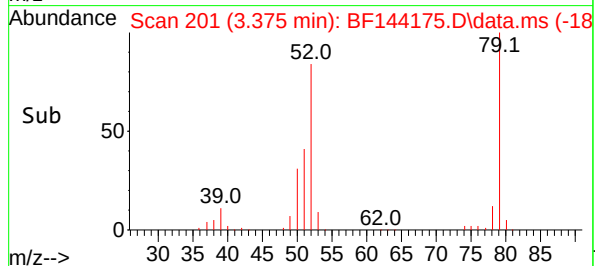
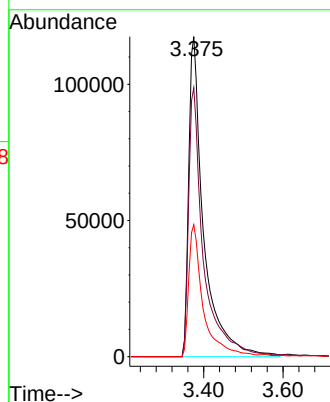
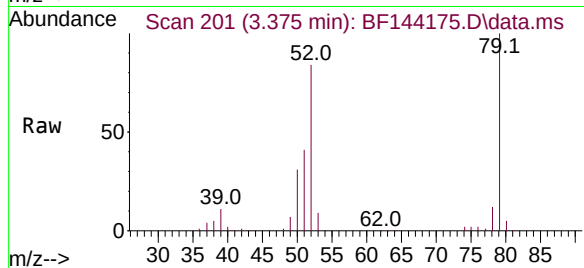
Tgt Ion: 79 Resp: 307664

Ion Ratio Lower Upper

79 100

52 84.0 64.5 96.7

51 41.2 31.7 47.5



#4

n-Nitrosodimethylamine

Concen: 67.619 ng

RT: 3.334 min Scan# 194

Delta R.T. -0.012 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

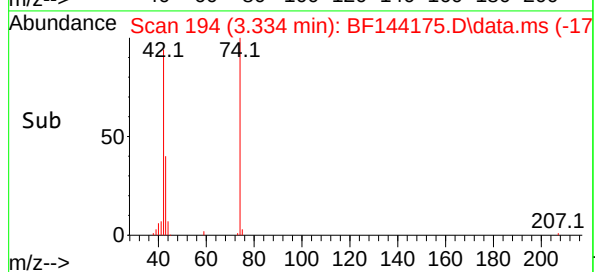
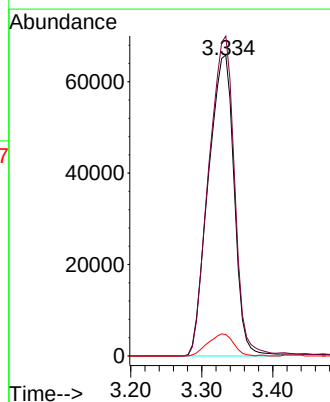
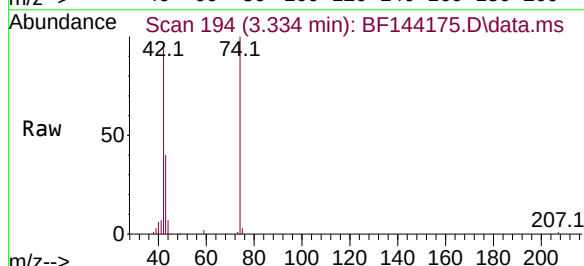
Tgt Ion: 42 Resp: 166098

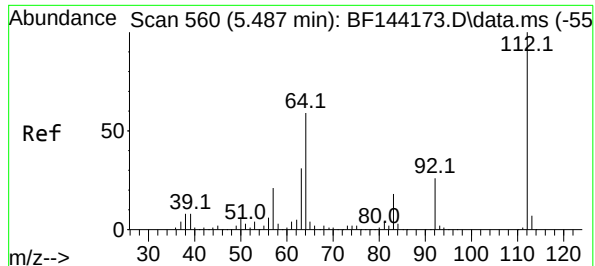
Ion Ratio Lower Upper

42 100

74 106.4 88.2 132.4

44 7.1 5.7 8.5

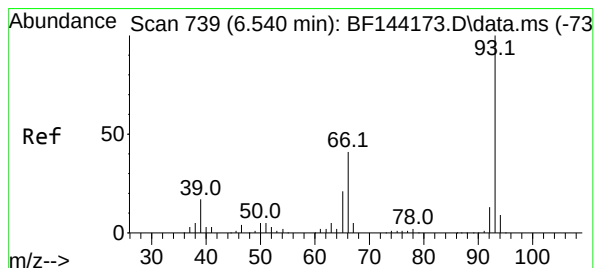
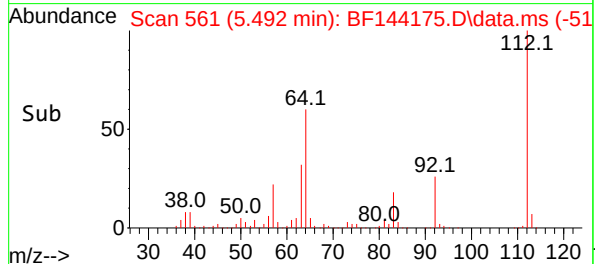
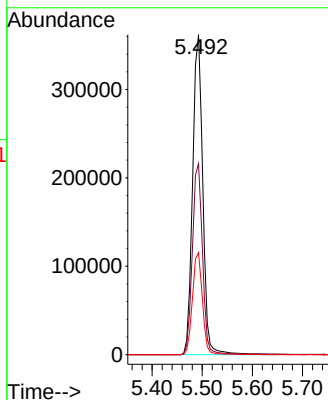
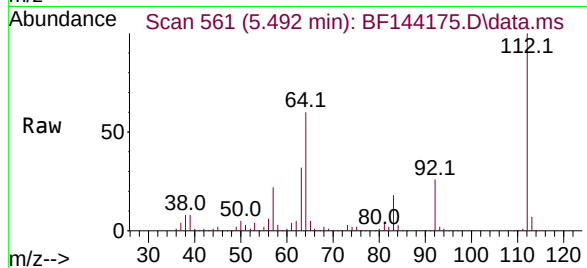




#5
2-Fluorophenol
Concen: 124.890 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

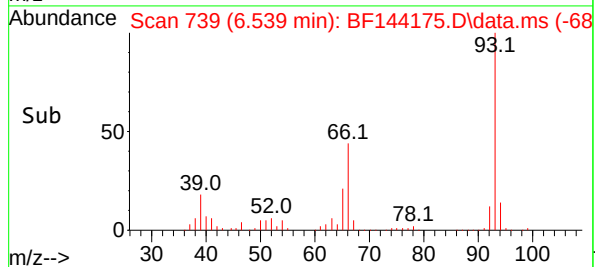
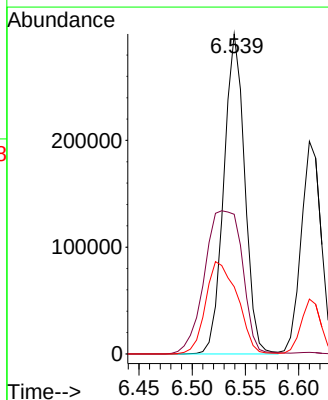
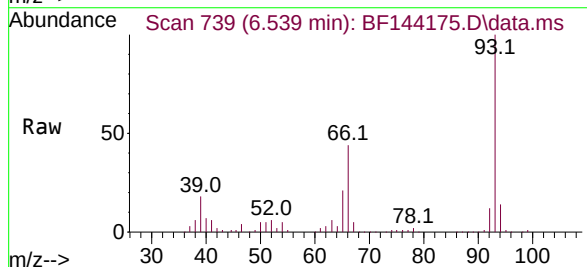
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

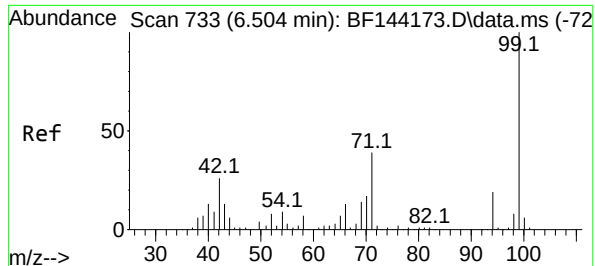
Tgt Ion:112 Resp: 509184
Ion Ratio Lower Upper
112 100
64 59.7 47.2 70.8
63 31.9 24.4 36.6



#6
Aniline
Concen: 62.194 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 93 Resp: 409356
Ion Ratio Lower Upper
93 100
66 43.6 34.3 51.5
65 21.0 16.9 25.3

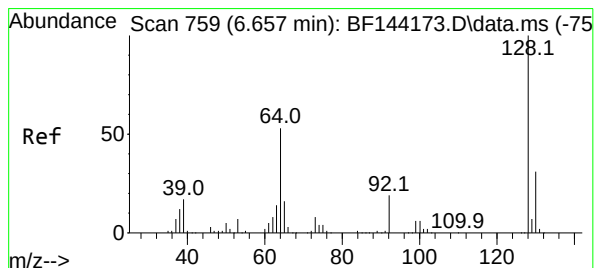
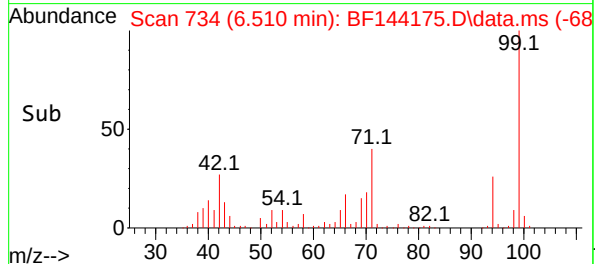
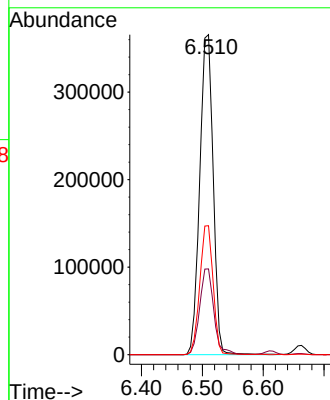
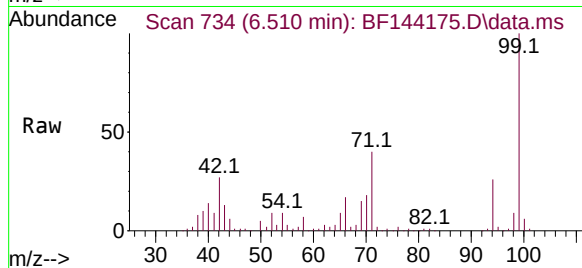




#7
Phenol-d6
Concen: 121.101 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

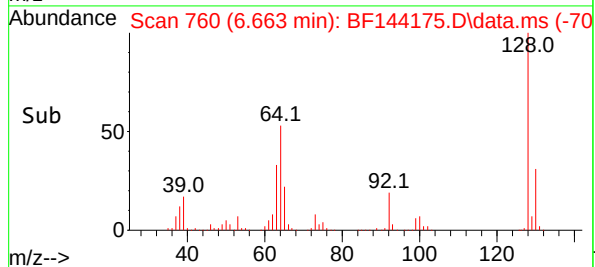
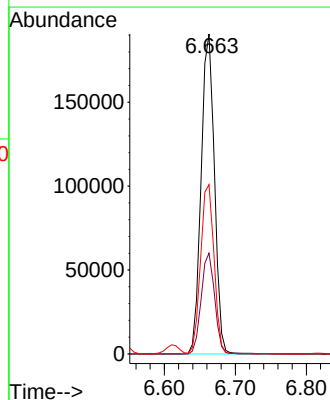
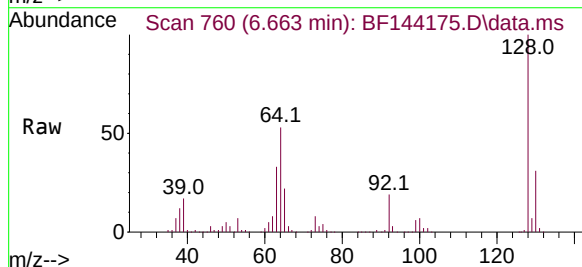
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

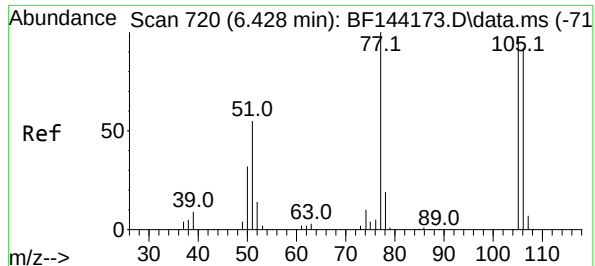
Tgt Ion: 99 Resp: 559443
Ion Ratio Lower Upper
99 100
42 26.8 20.9 31.3
71 40.3 31.4 47.2



#8
2-Chlorophenol
Concen: 61.902 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 128 Resp: 247503
Ion Ratio Lower Upper
128 100
130 31.5 10.5 50.5
64 52.9 33.2 73.2





#9

Benzaldehyde

Concen: 57.706 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

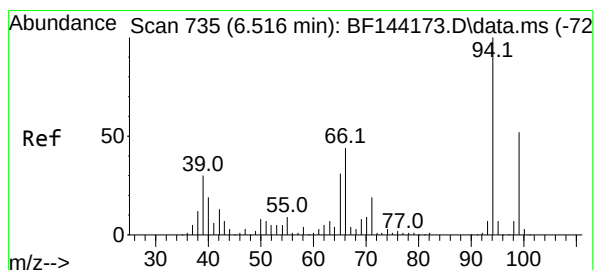
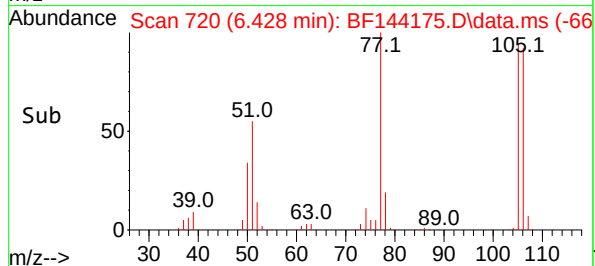
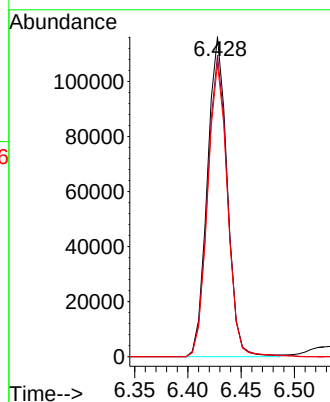
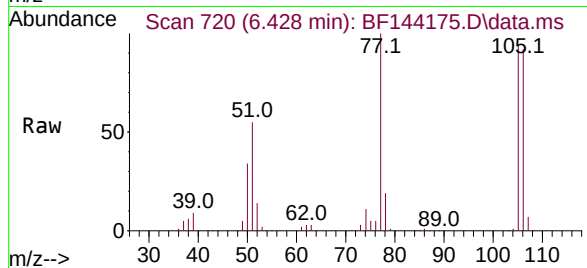
Tgt Ion: 77 Resp: 150534

Ion Ratio Lower Upper

77 100

105 94.2 77.2 117.2

106 91.6 72.2 112.2



#10

Phenol

Concen: 60.707 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

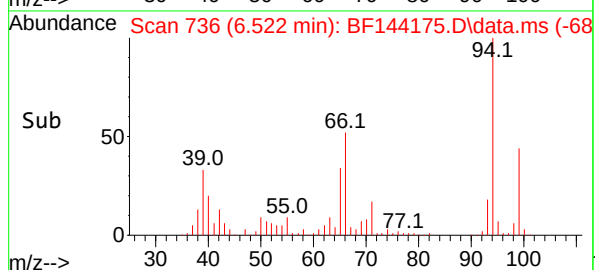
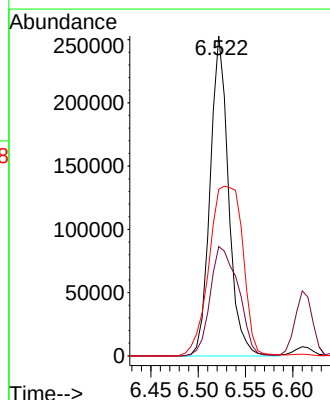
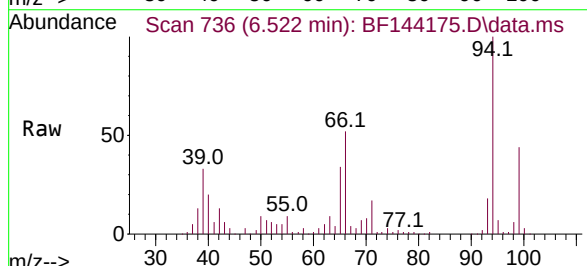
Tgt Ion: 94 Resp: 342646

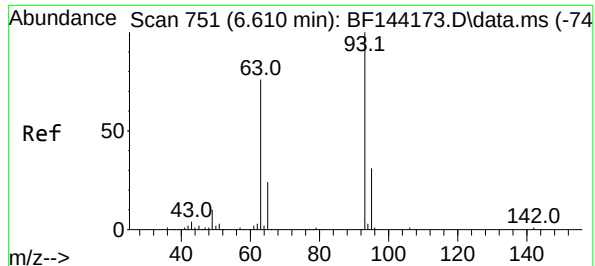
Ion Ratio Lower Upper

94 100

65 34.2 10.8 50.8

66 52.1 24.3 64.3

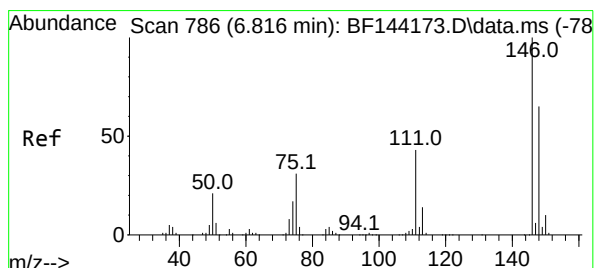
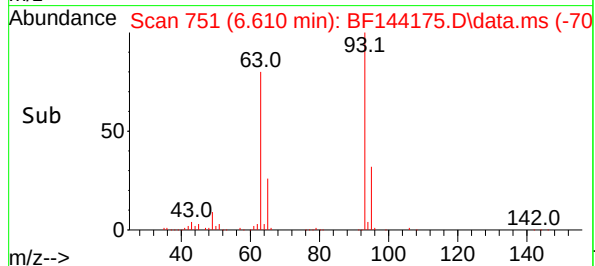
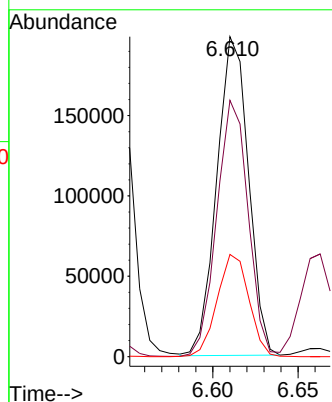
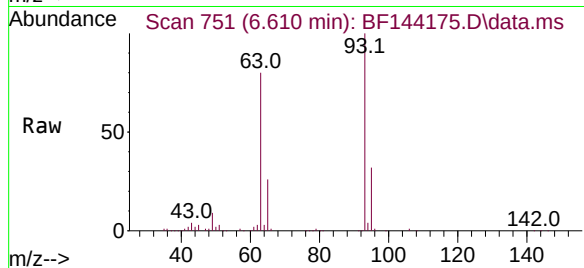




#11
bis(2-Chloroethyl)ether
Concen: 62.405 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

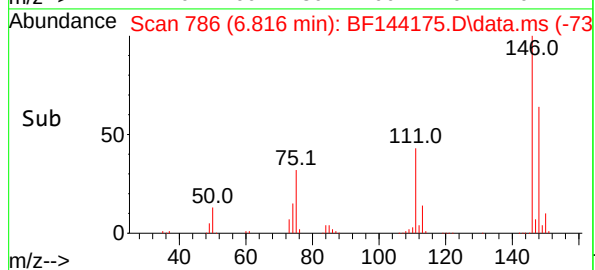
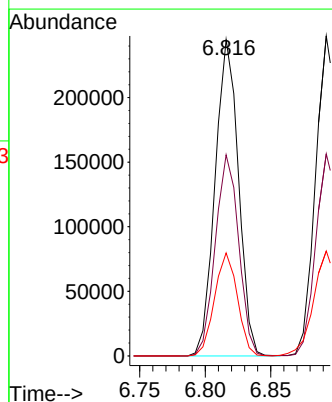
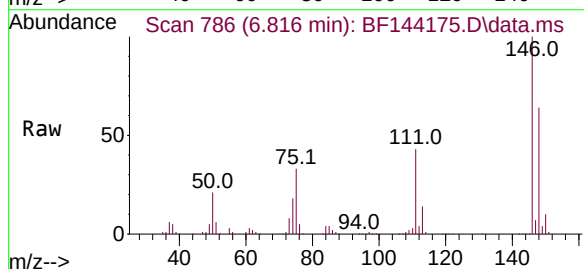
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

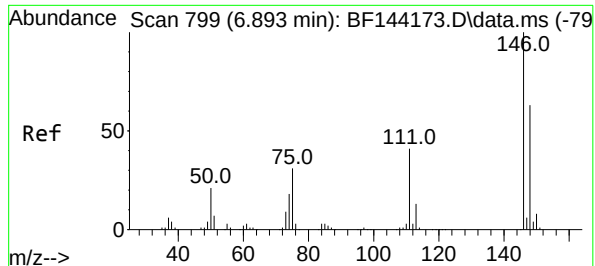
Tgt Ion: 93 Resp: 256657
Ion Ratio Lower Upper
93 100
63 80.1 55.2 95.2
95 31.9 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 61.543 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 146 Resp: 303642
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 32.6 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 62.104 ng

RT: 6.892 min Scan# 799

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

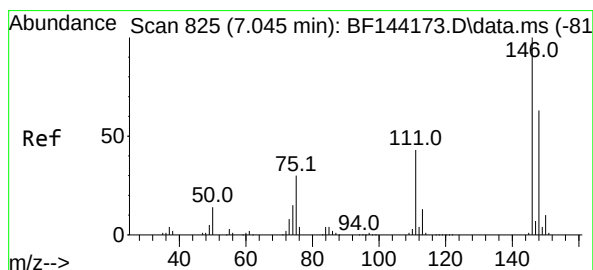
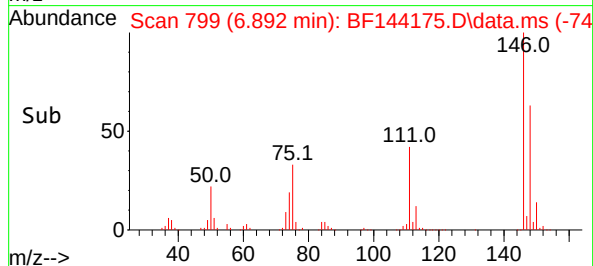
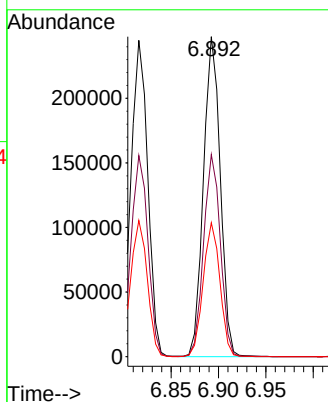
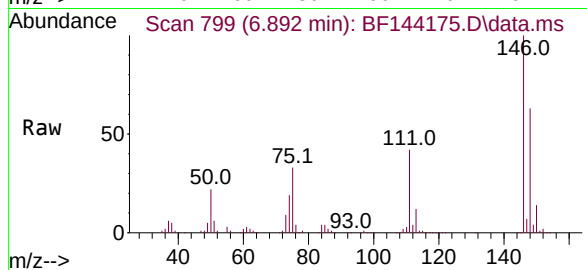
Tgt Ion:146 Resp: 306973

Ion Ratio Lower Upper

146 100

148 63.1 50.2 75.2

111 41.8 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 61.936 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

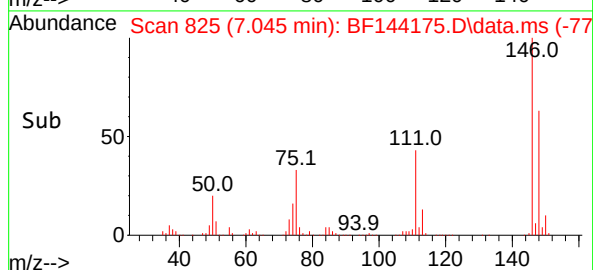
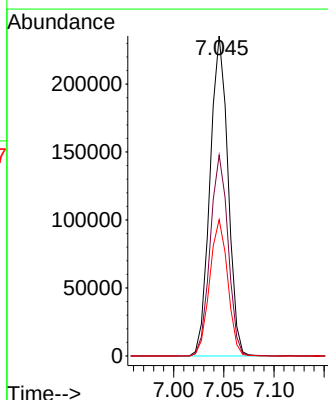
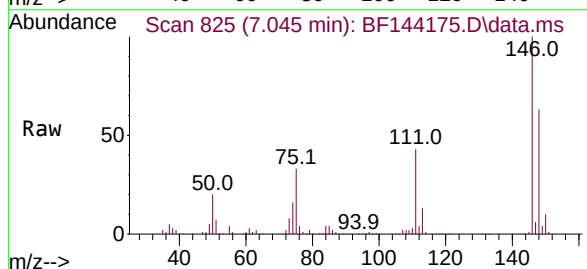
Tgt Ion:146 Resp: 293432

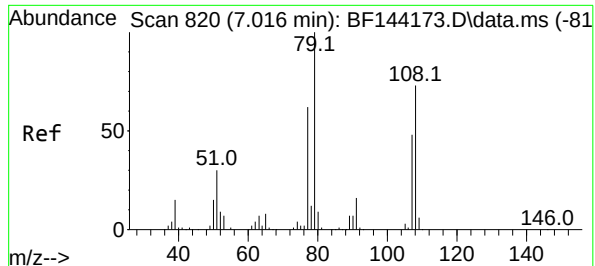
Ion Ratio Lower Upper

146 100

148 62.8 50.7 76.1

111 42.6 34.2 51.4

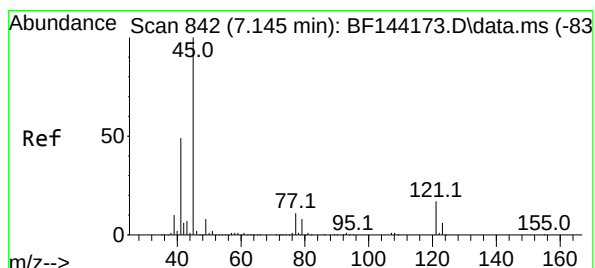
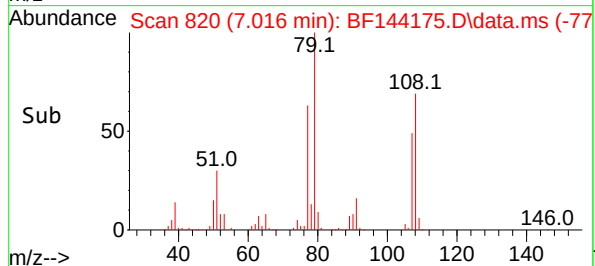
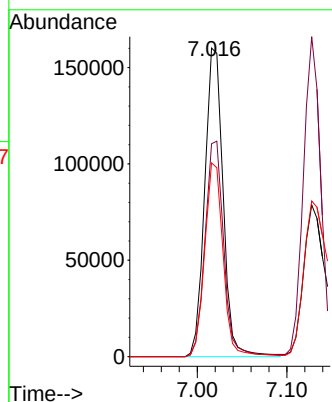
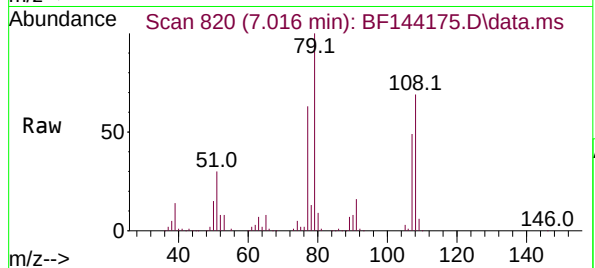




#15
Benzyl Alcohol
Concen: 62.632 ng
RT: 7.016 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

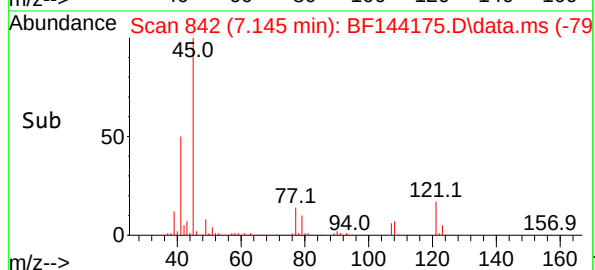
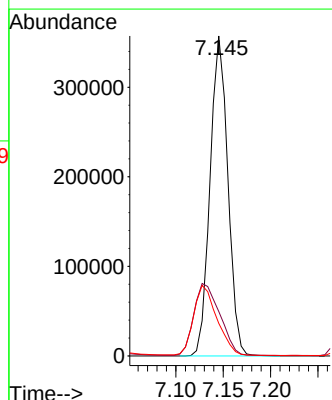
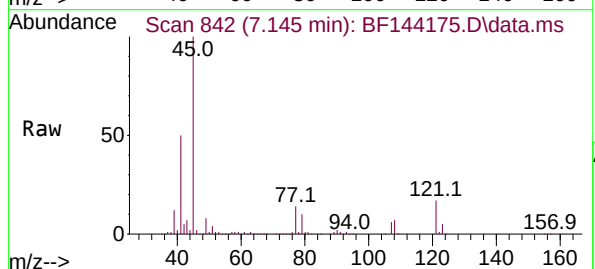
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

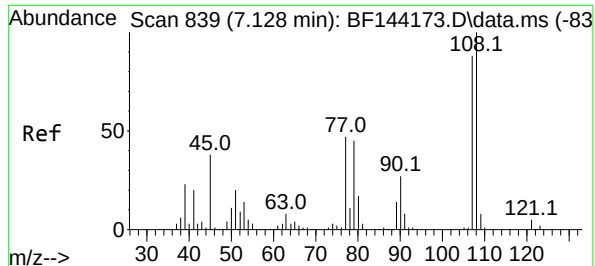
Tgt Ion: 79 Resp: 229107
Ion Ratio Lower Upper
79 100
108 69.0 58.2 87.4
77 62.8 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 61.712 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 45 Resp: 467387
Ion Ratio Lower Upper
45 100
77 13.9 0.0 31.8
79 10.2 0.0 29.1

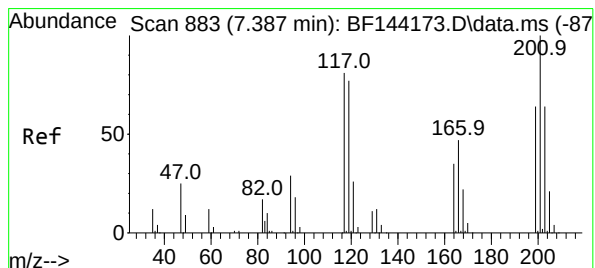
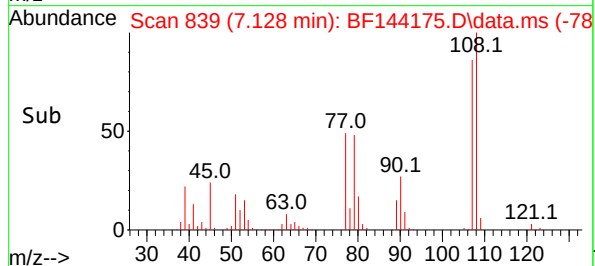
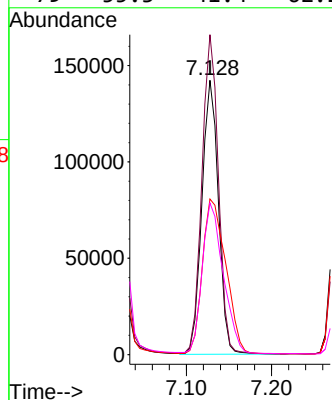
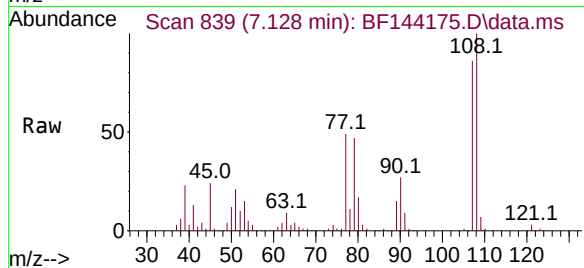




#17
2-Methylphenol
Concen: 60.269 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

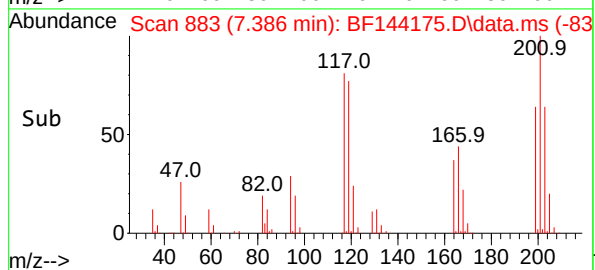
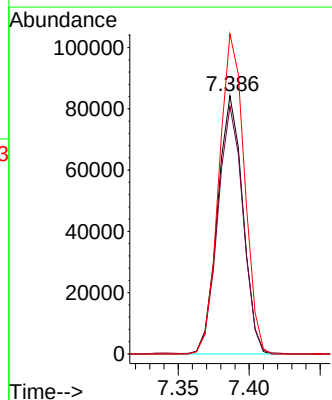
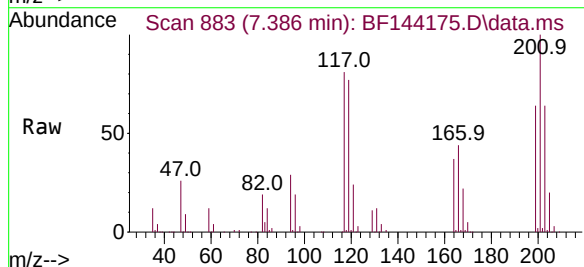
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

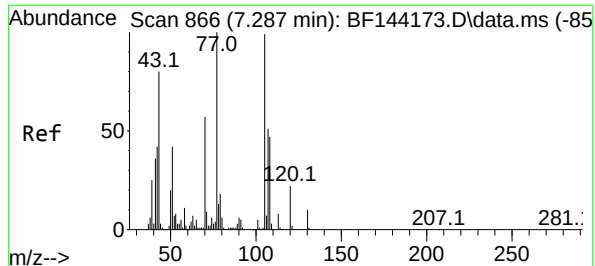
Tgt Ion:	107	Resp:	191705
Ion	Ratio	Lower	Upper
107	100		
108	116.6	91.0	136.4
77	56.7	42.7	64.1
79	55.3	41.4	62.2



#18
Hexachloroethane
Concen: 63.308 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:	117	Resp:	103964
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	123.9	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 58.963 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 179314

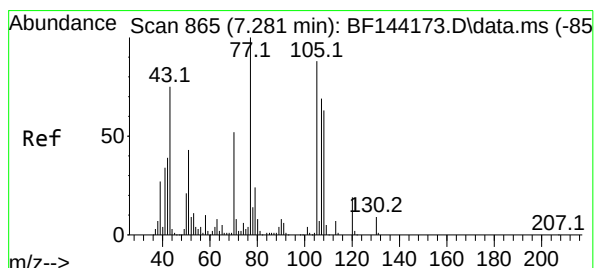
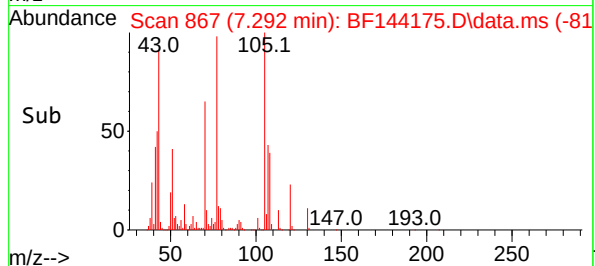
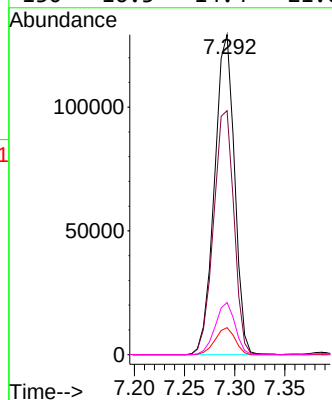
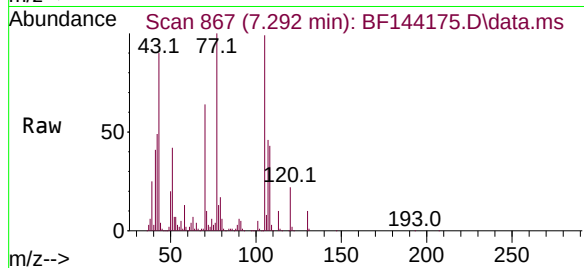
Ion Ratio Lower Upper

70 100

42 76.2 58.3 87.5

101 8.4 7.0 10.6

130 16.3 14.4 21.6



#20

3+4-Methylphenols

Concen: 59.977 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Tgt Ion: 107 Resp: 224891

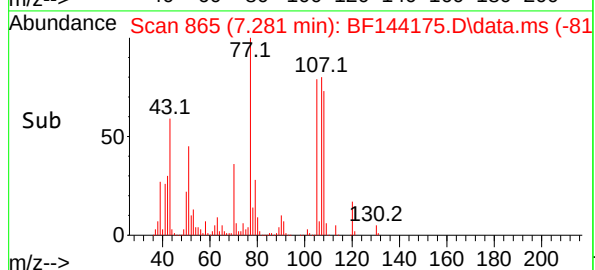
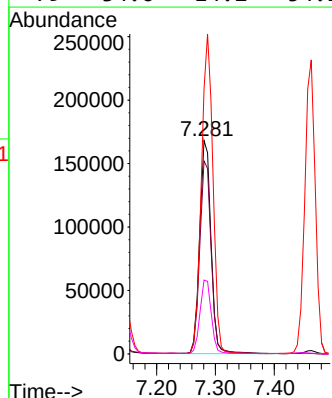
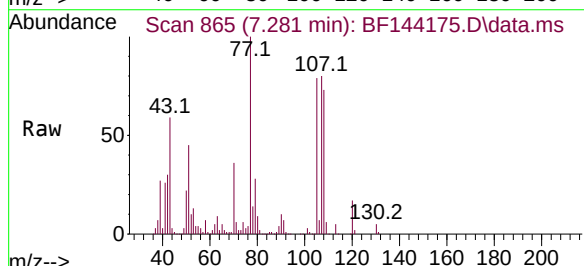
Ion Ratio Lower Upper

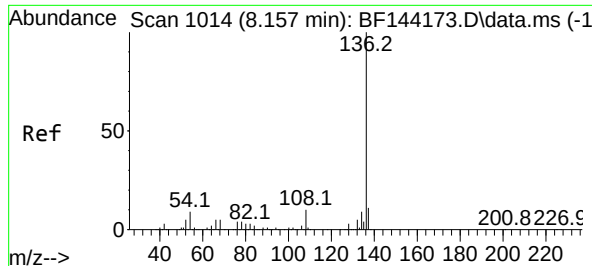
107 100

108 90.4 70.2 110.2

77 124.2 123.9 163.9

79 34.6 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 239743

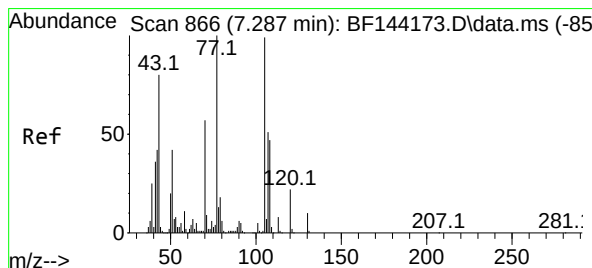
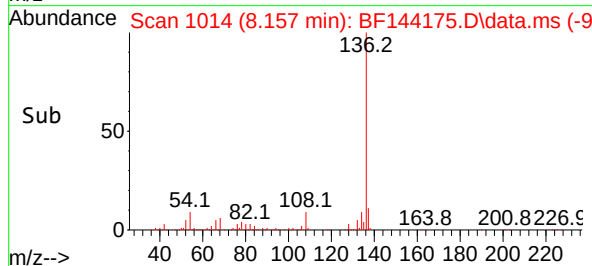
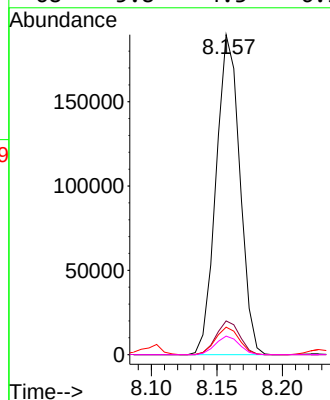
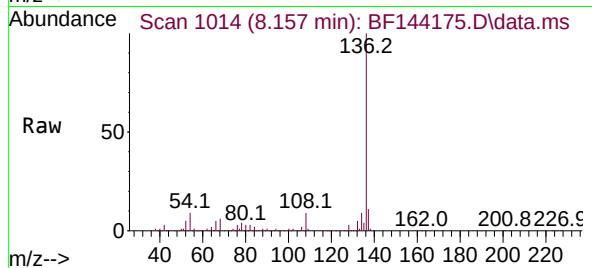
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.6 7.0 10.6

68 5.8 4.3 6.5



#22

Acetophenone

Concen: 58.897 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Tgt Ion:105 Resp: 302907

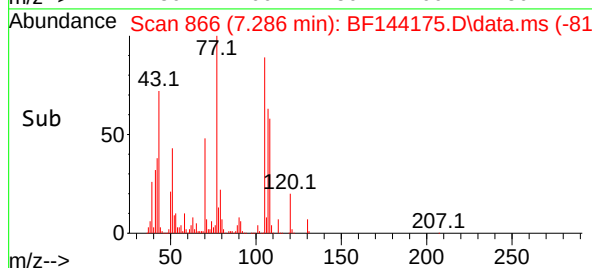
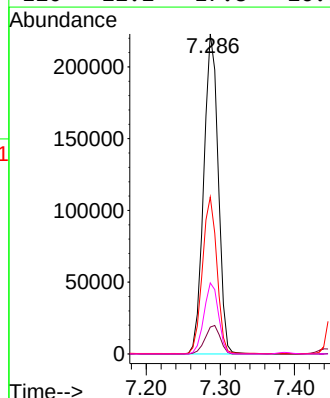
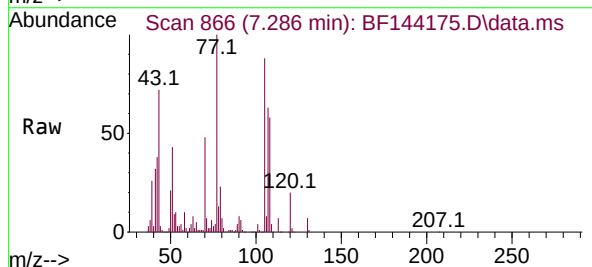
Ion Ratio Lower Upper

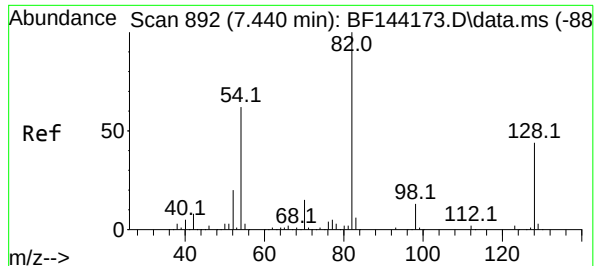
105 100

71 8.4 7.2 10.8

51 49.0 34.0 51.0

120 22.2 17.8 26.6

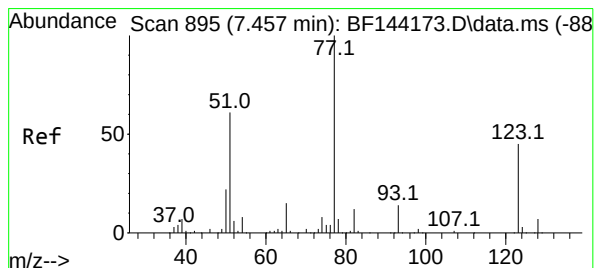
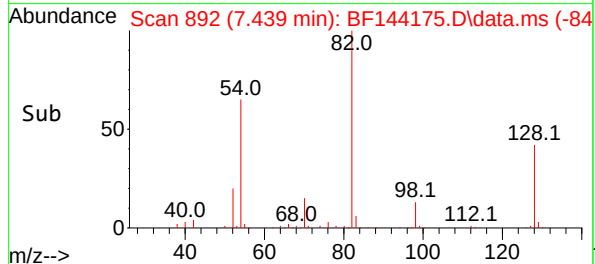
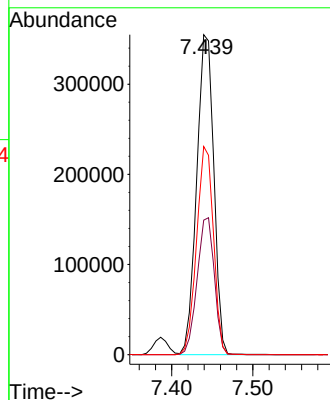
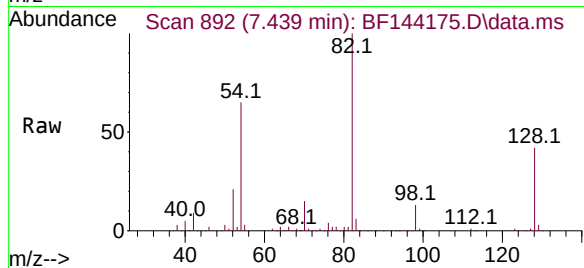




#23
Nitrobenzene-d5
Concen: 125.195 ng
RT: 7.439 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

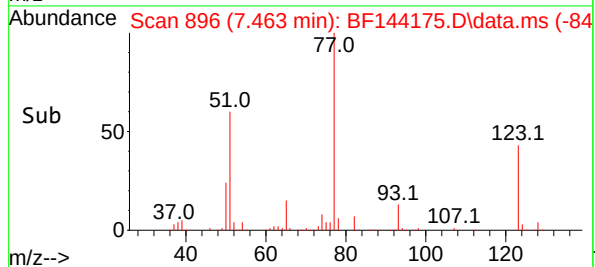
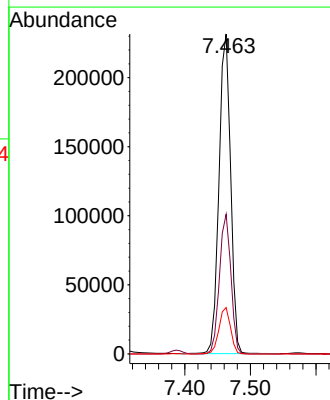
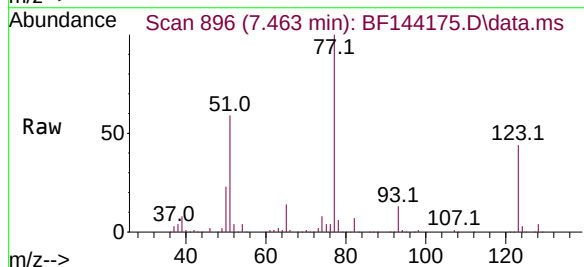
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

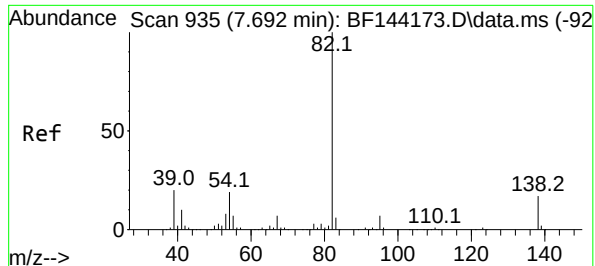
Tgt Ion: 82 Resp: 519687
Ion Ratio Lower Upper
82 100
128 42.0 34.7 52.1
54 65.1 49.5 74.3



#24
Nitrobenzene
Concen: 63.439 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 77 Resp: 285924
Ion Ratio Lower Upper
77 100
123 43.6 35.8 53.8
65 14.5 12.2 18.2





#25

Isophorone

Concen: 61.876 ng

RT: 7.698 min Scan# 936

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

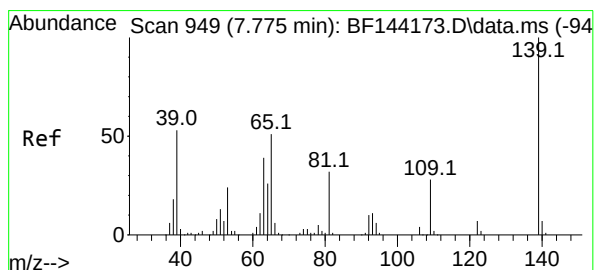
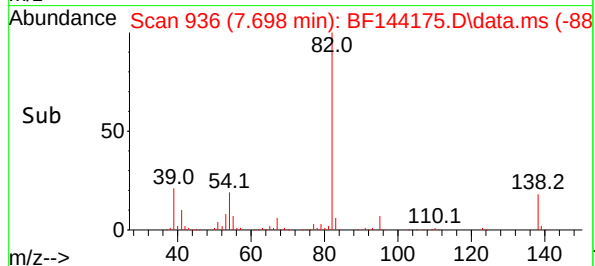
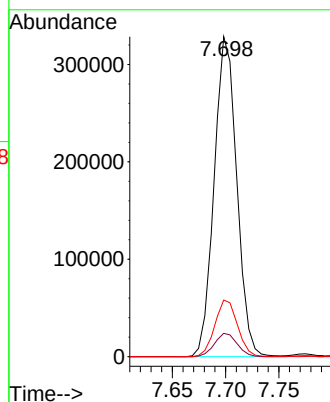
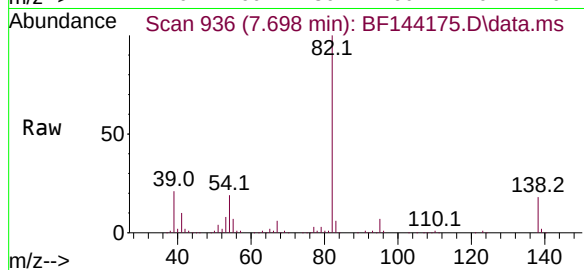
Tgt Ion: 82 Resp: 485836

Ion Ratio Lower Upper

82 100

95 7.3 5.5 8.3

138 17.7 13.7 20.5



#26

2-Nitrophenol

Concen: 64.606 ng

RT: 7.775 min Scan# 949

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

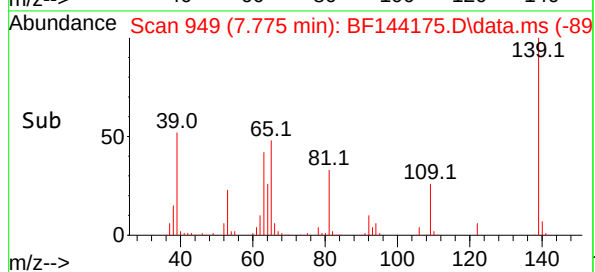
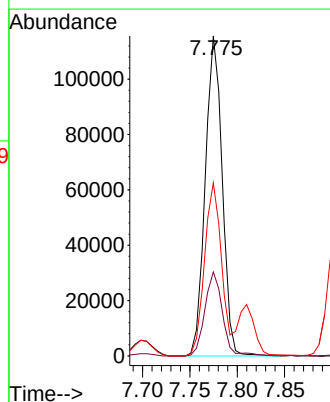
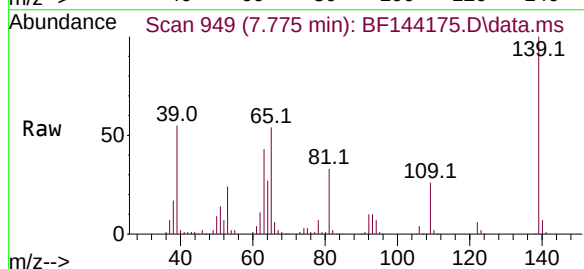
Tgt Ion:139 Resp: 144140

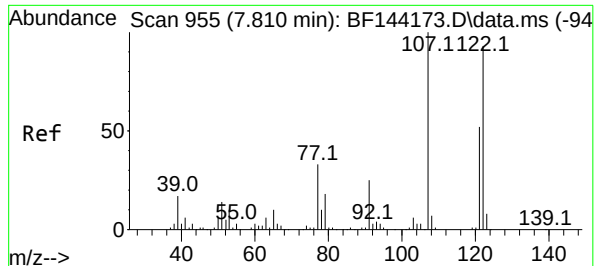
Ion Ratio Lower Upper

139 100

109 26.2 22.2 33.2

65 54.1 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 63.471 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

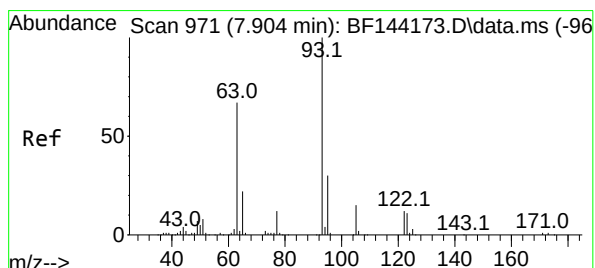
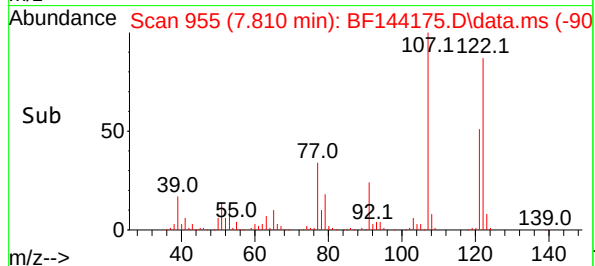
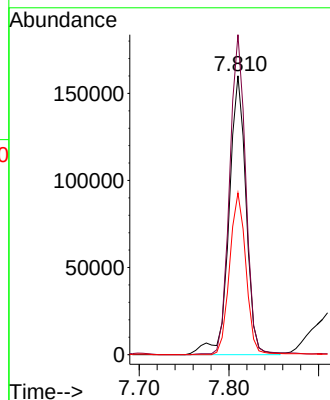
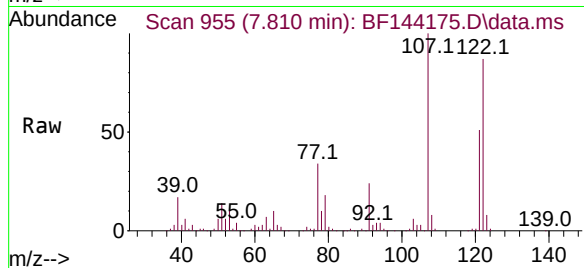
Tgt Ion:122 Resp: 212249

Ion Ratio Lower Upper

122 100

107 114.7 86.2 129.4

121 58.0 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 62.085 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

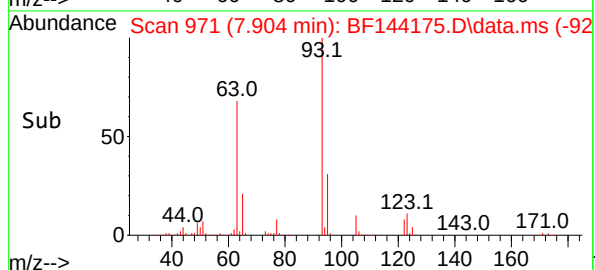
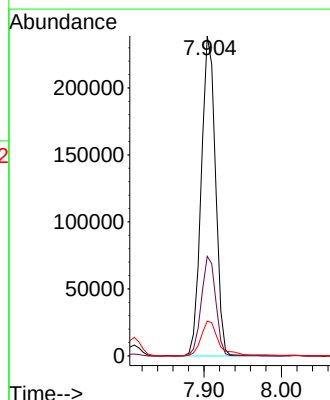
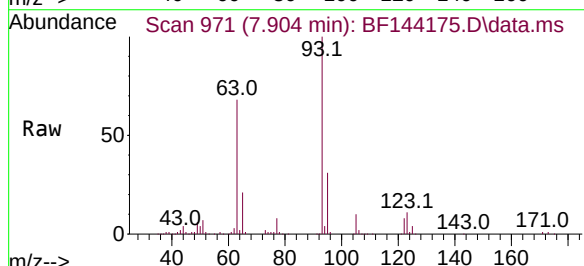
Tgt Ion: 93 Resp: 304411

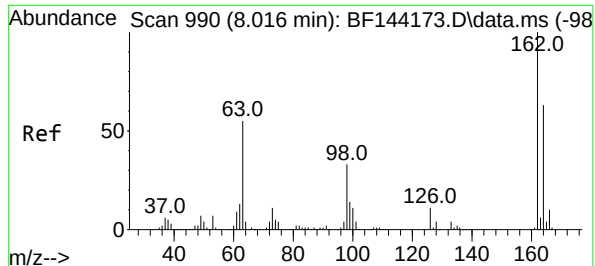
Ion Ratio Lower Upper

93 100

95 31.1 24.2 36.4

123 10.9 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 60.899 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

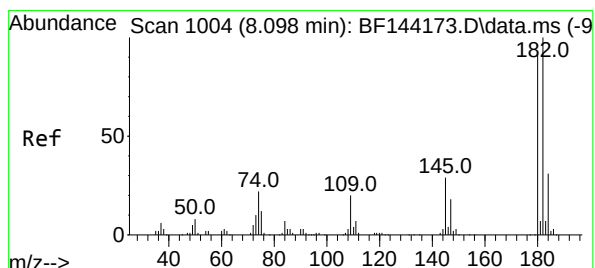
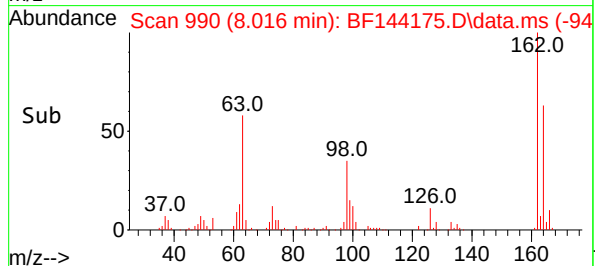
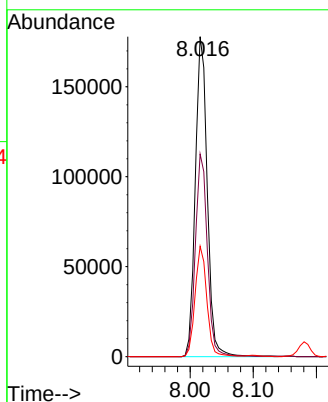
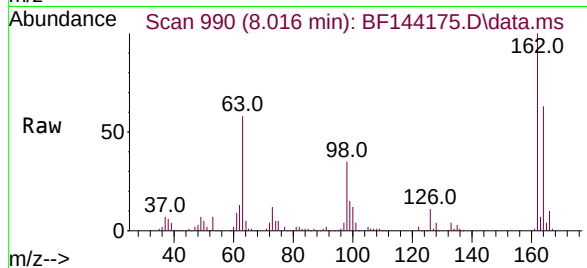
Tgt Ion:162 Resp: 234718

Ion Ratio Lower Upper

162 100

164 63.3 42.9 82.9

98 34.5 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 60.858 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

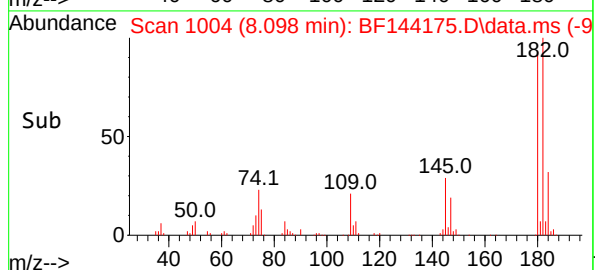
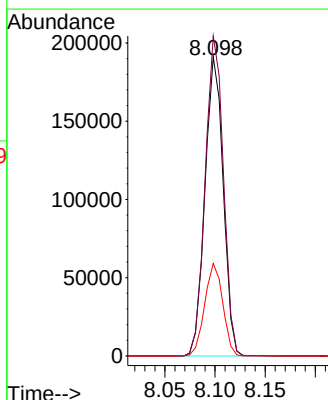
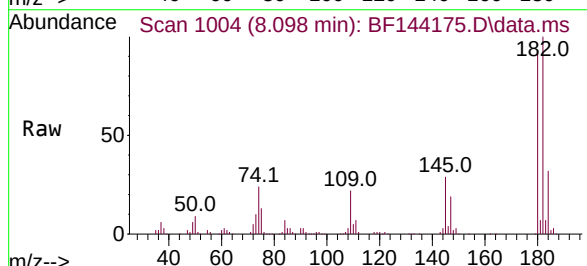
Tgt Ion:180 Resp: 240858

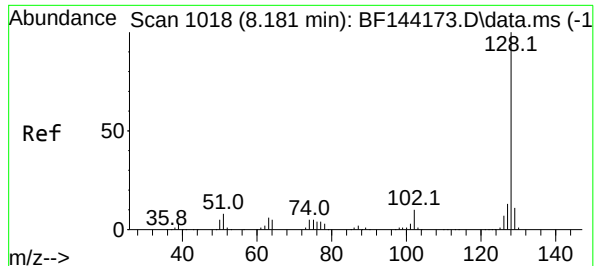
Ion Ratio Lower Upper

180 100

182 107.0 87.7 131.5

145 30.9 25.4 38.0

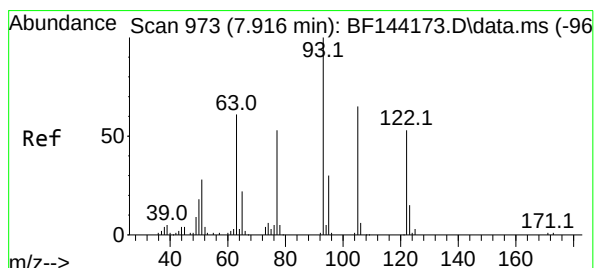
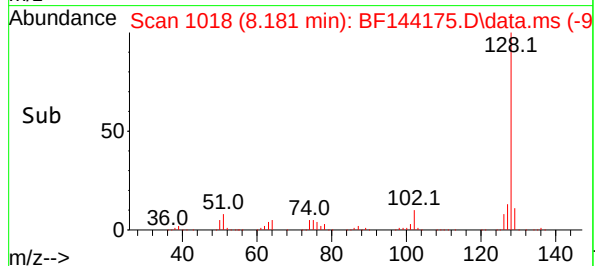
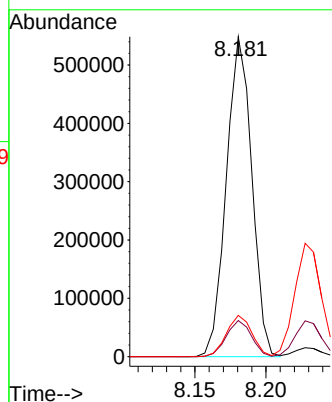
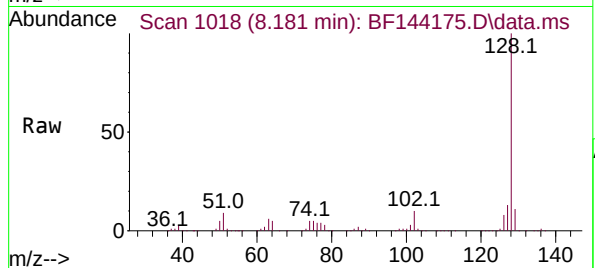




#31
Naphthalene
Concen: 60.028 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

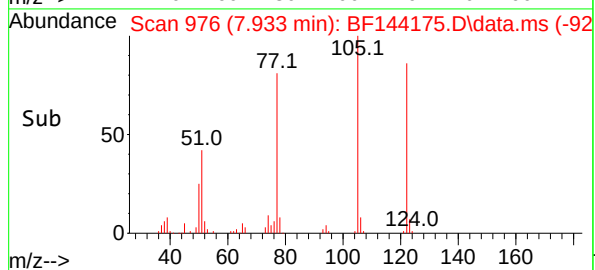
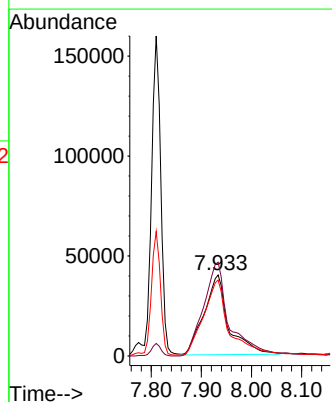
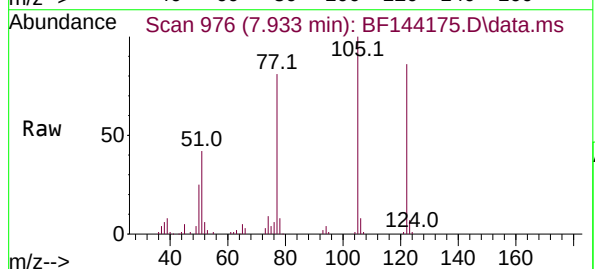
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

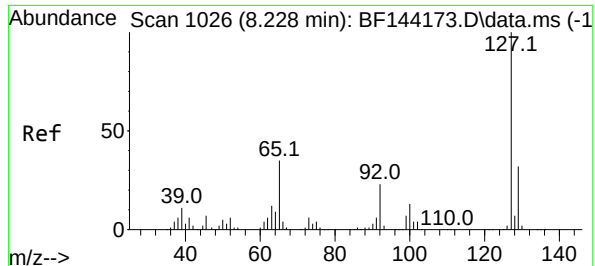
Tgt Ion:128 Resp: 684579
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 55.761 ng
RT: 7.933 min Scan# 976
Delta R.T. -0.018 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:122 Resp: 136682
Ion Ratio Lower Upper
122 100
105 115.8 99.9 139.9
77 93.8 77.5 117.5





#33

4-Chloroaniline

Concen: 61.441 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 255554

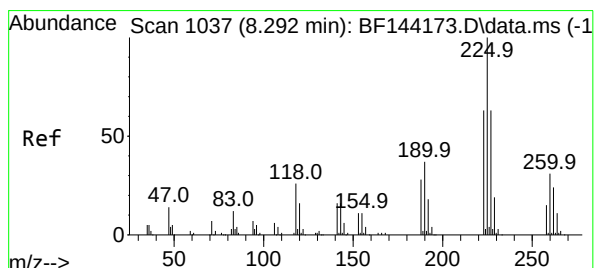
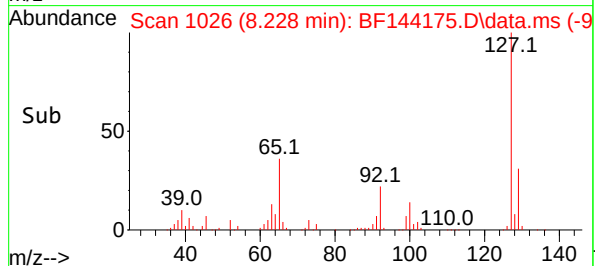
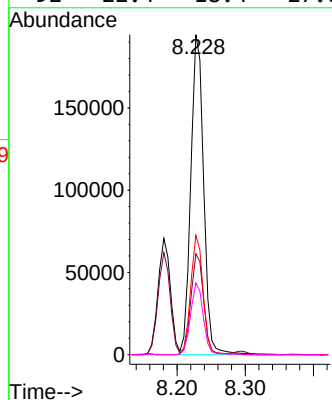
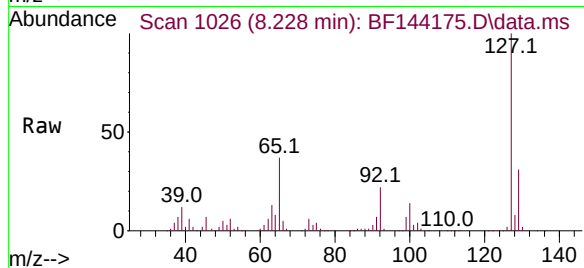
Ion	Ratio	Lower	Upper

127	100		

129	31.5	25.3	37.9

65	37.2	27.6	41.4

92	22.4	18.4	27.6



#34

Hexachlorobutadiene

Concen: 61.229 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

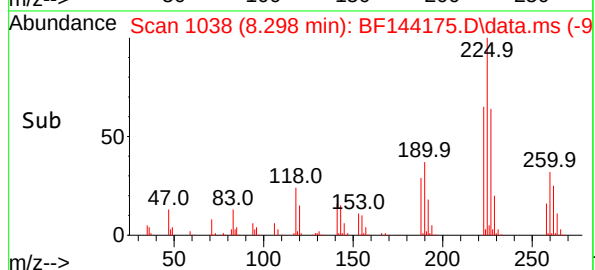
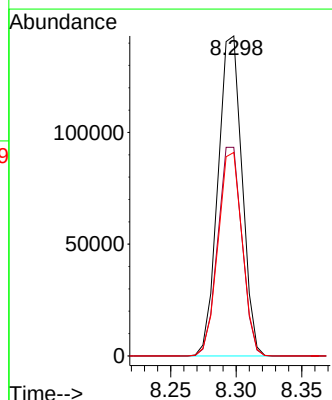
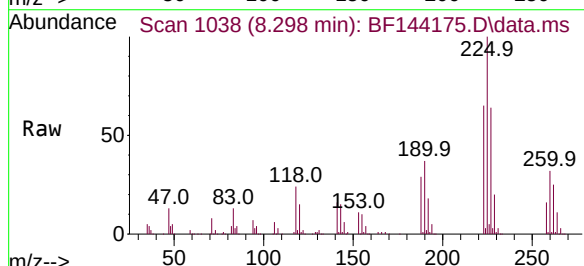
Tgt Ion:225 Resp: 182626

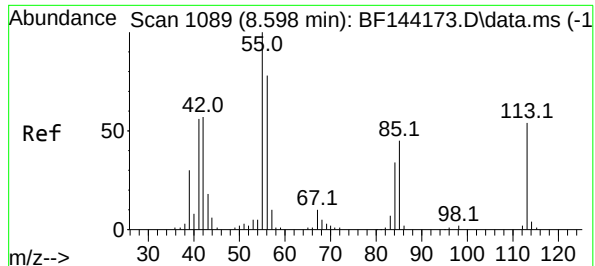
Ion	Ratio	Lower	Upper

225	100		

223	65.2	50.2	75.4

227	63.6	50.1	75.1





#35

Caprolactam

Concen: 59.512 ng

RT: 8.610 min Scan# 1091

Delta R.T. -0.012 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

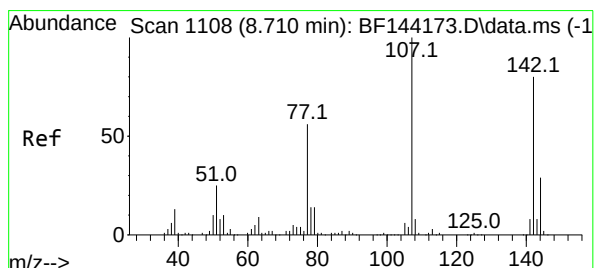
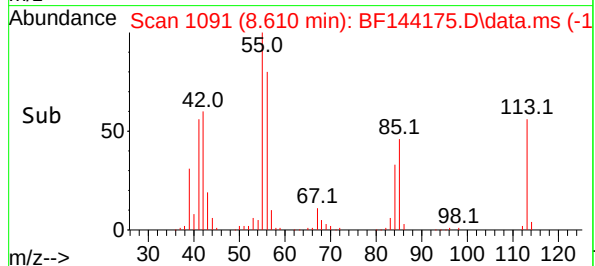
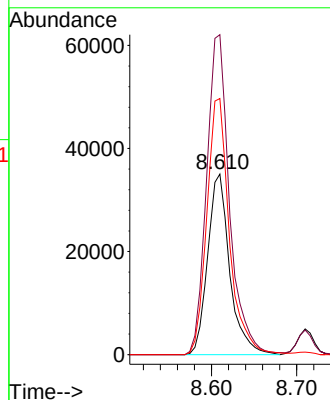
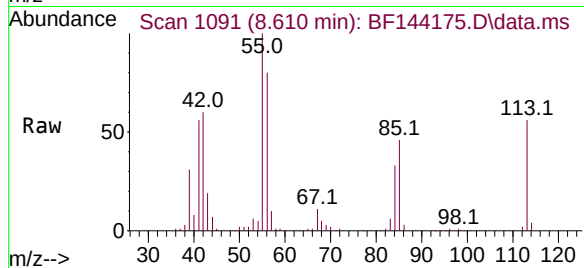
Tgt Ion:113 Resp: 62840

Ion Ratio Lower Upper

113 100

55 177.2 166.8 206.8

56 141.8 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 60.481 ng

RT: 8.710 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

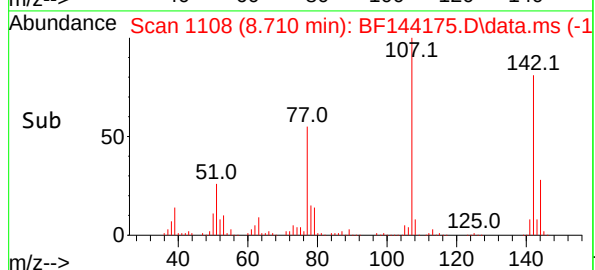
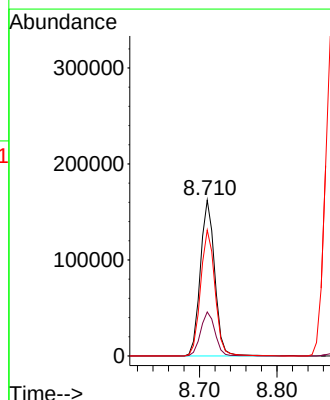
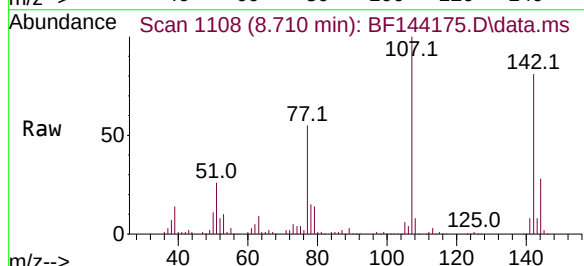
Tgt Ion:107 Resp: 208910

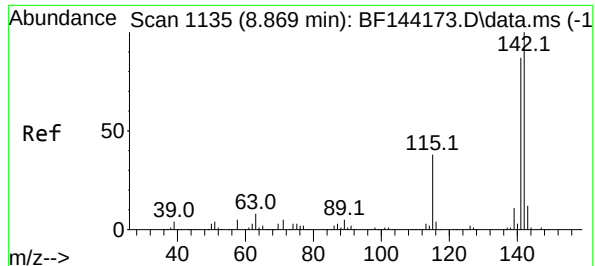
Ion Ratio Lower Upper

107 100

144 28.2 23.3 34.9

142 80.8 63.8 95.6





#37

2-Methylnaphthalene

Concen: 58.743 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

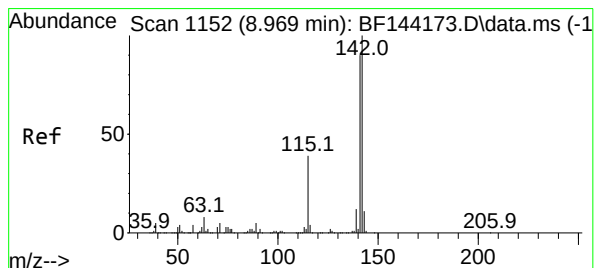
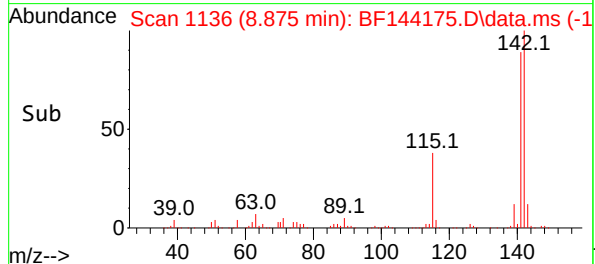
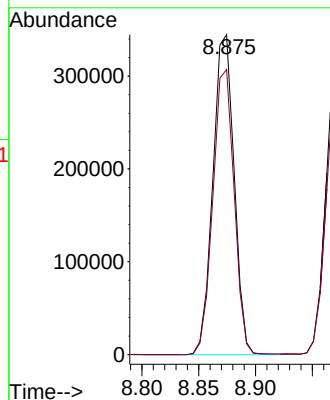
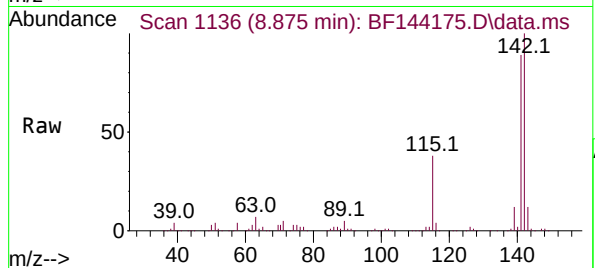
SSTDICC060

Tgt Ion:142 Resp: 447909

Ion Ratio Lower Upper

142 100

141 89.1 69.9 104.9



#38

1-Methylnaphthalene

Concen: 58.654 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF144175.D

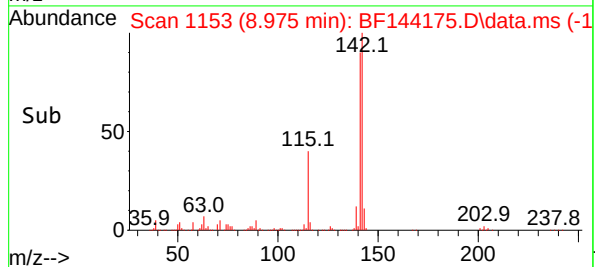
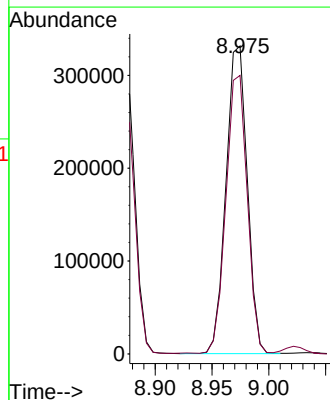
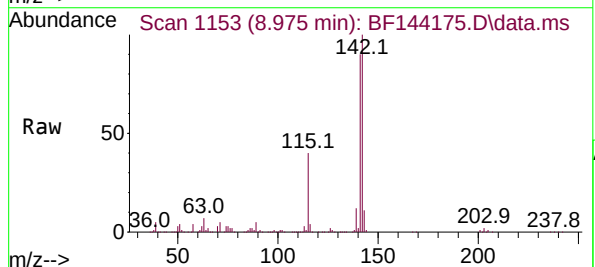
Acq: 05 Nov 2025 16:19

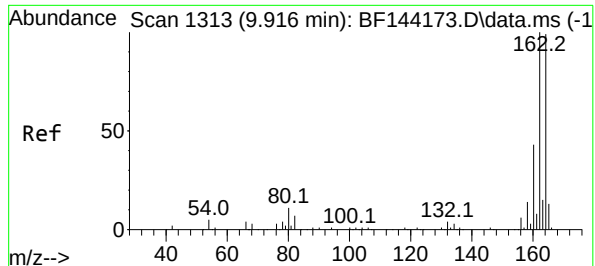
Tgt Ion:142 Resp: 431529

Ion Ratio Lower Upper

142 100

141 90.4 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

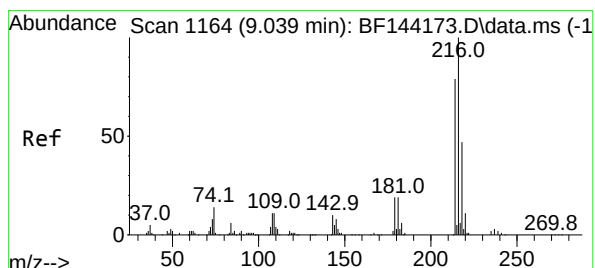
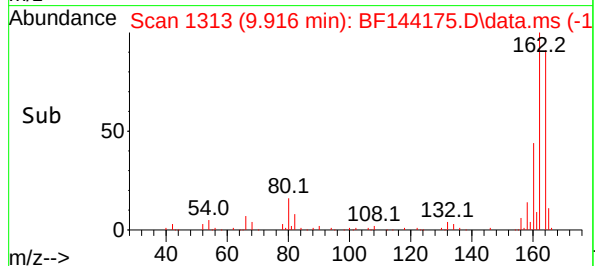
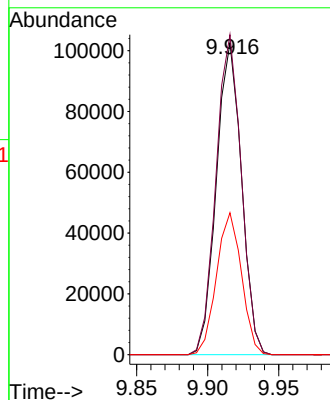
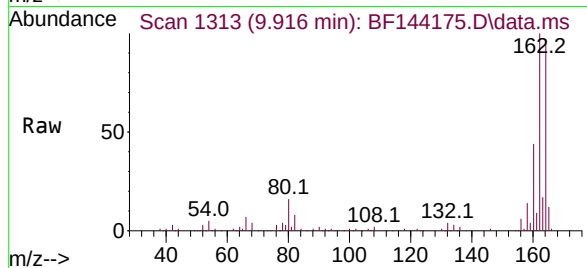
Tgt Ion:164 Resp: 126385

Ion Ratio Lower Upper

164 100

162 102.6 81.1 121.7

160 45.5 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 65.549 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Tgt Ion:216 Resp: 271508

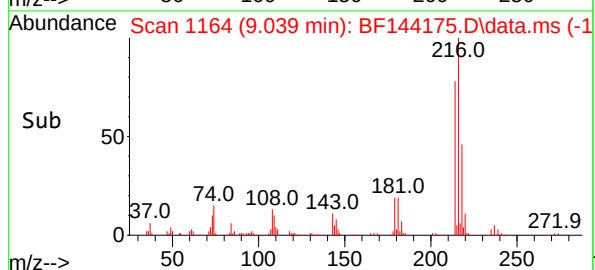
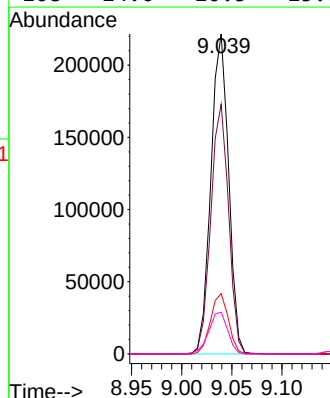
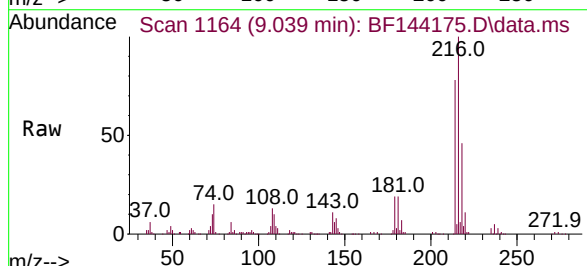
Ion Ratio Lower Upper

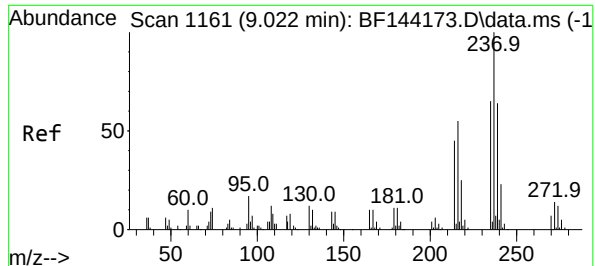
216 100

214 78.2 63.4 95.2

179 19.0 15.0 22.4

108 14.0 10.5 15.7

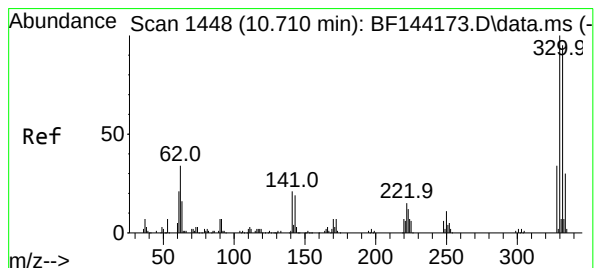
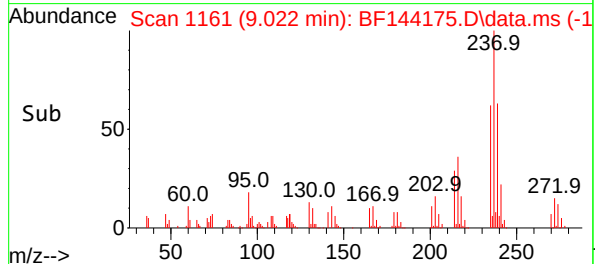
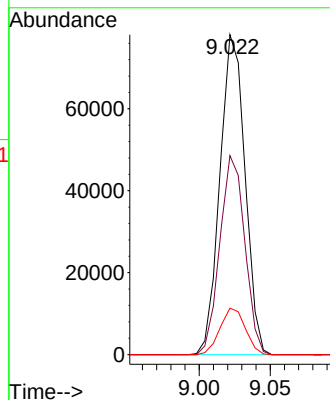
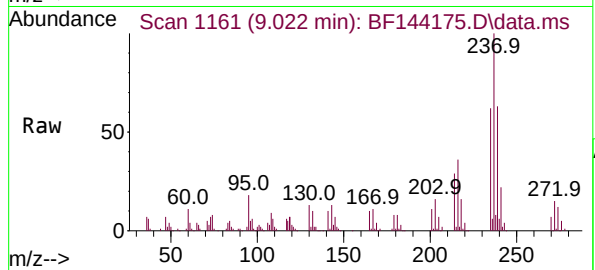




#41
Hexachlorocyclopentadiene
Concen: 64.419 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

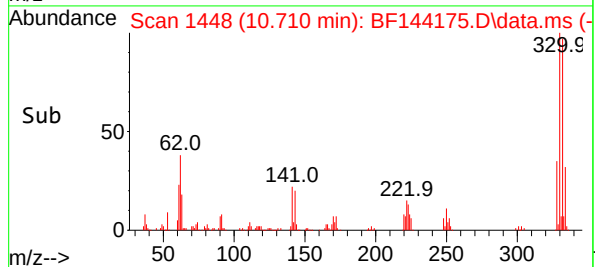
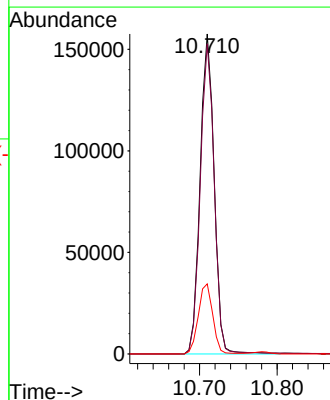
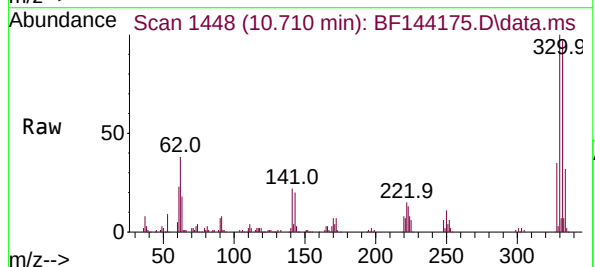
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

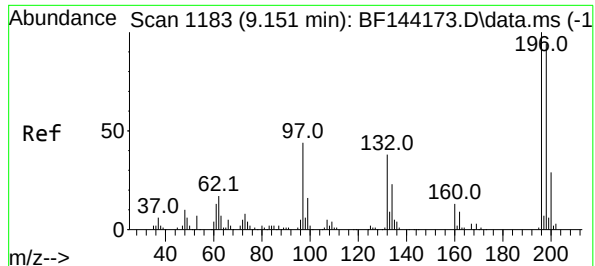
Tgt Ion:237 Resp: 95909
Ion Ratio Lower Upper
237 100
235 62.2 45.5 85.5
272 14.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 124.986 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:330 Resp: 198226
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 22.5 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 65.769 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF144175.D

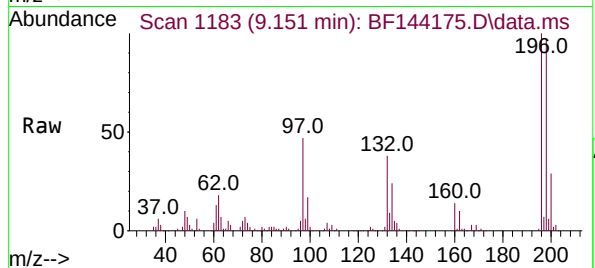
Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



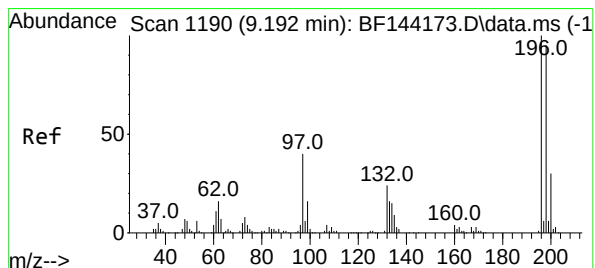
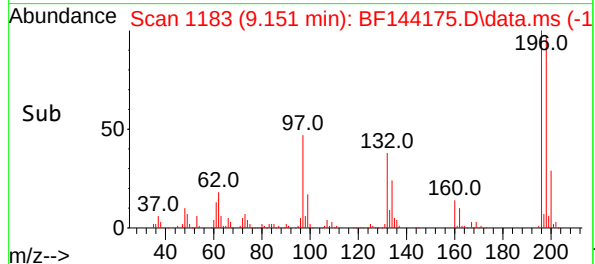
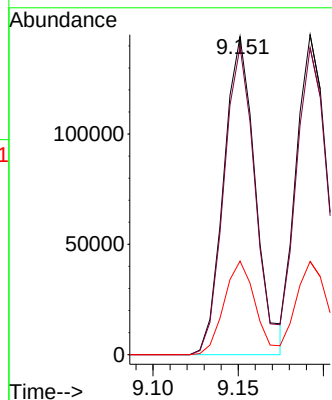
Tgt Ion:196 Resp: 185412

Ion Ratio Lower Upper

196 100

198 96.9 75.3 112.9

200 29.4 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 62.639 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Tgt Ion:196 Resp: 190324

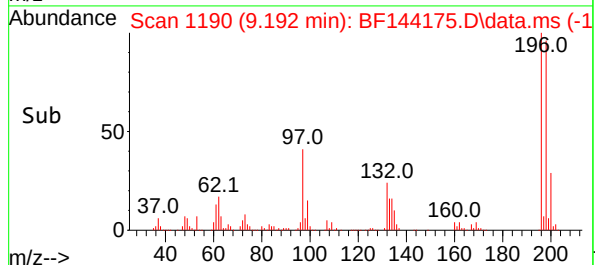
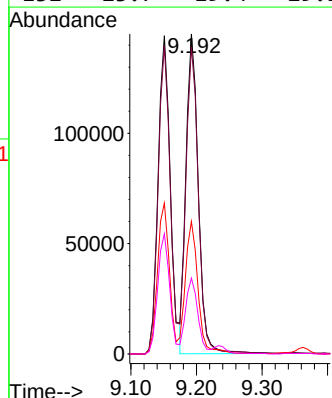
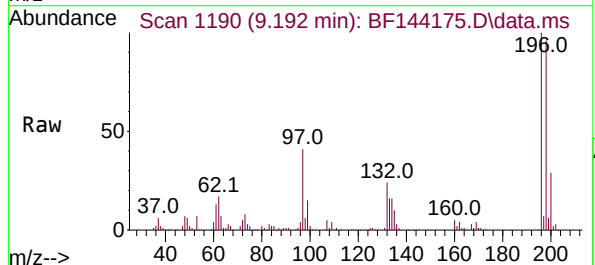
Ion Ratio Lower Upper

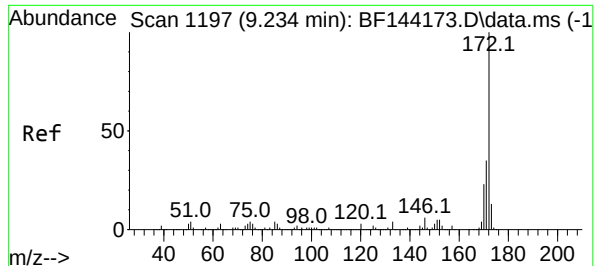
196 100

198 95.9 76.1 114.1

97 41.4 31.9 47.9

132 23.7 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 122.404 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

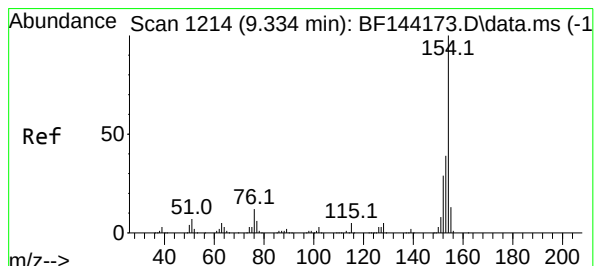
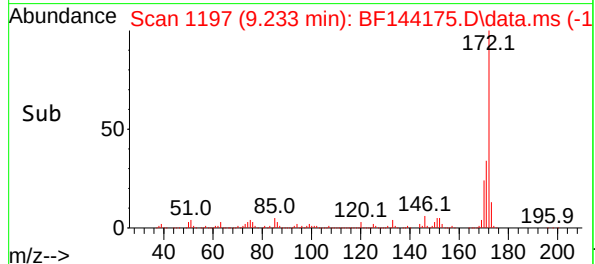
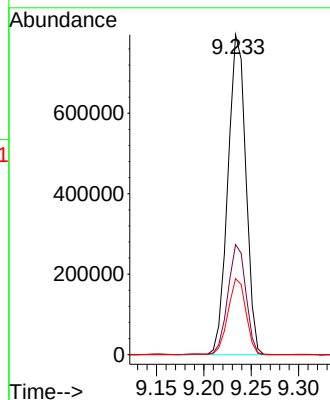
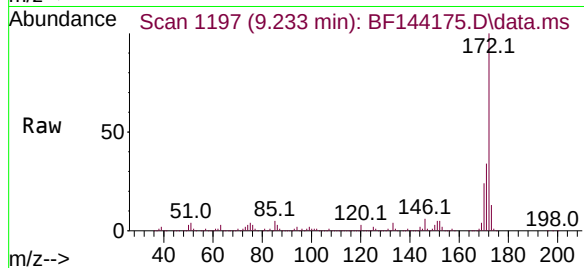
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:172 Resp: 1047440

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.1	42.1
170	23.7	18.6	28.0



#46

1,1'-Biphenyl

Concen: 62.310 ng

RT: 9.339 min Scan# 1215

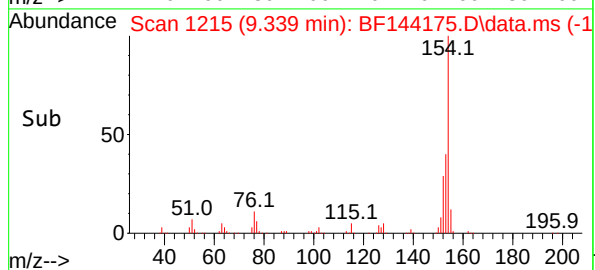
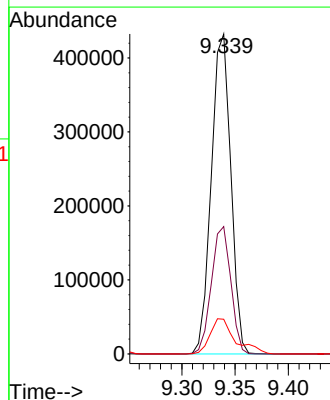
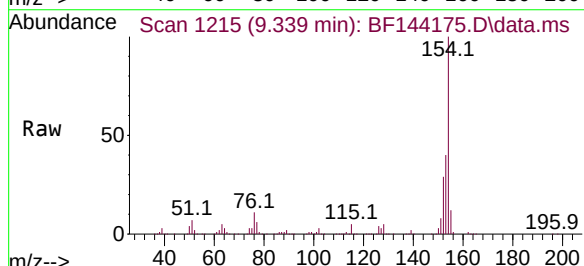
Delta R.T. -0.000 min

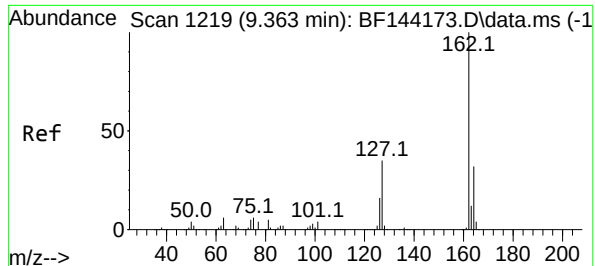
Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Tgt Ion:154 Resp: 549700

Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.2	59.2
76	10.8	0.0	31.8





#47

2-Chloronaphthalene

Concen: 63.056 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

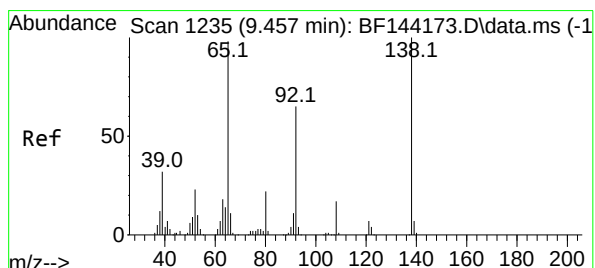
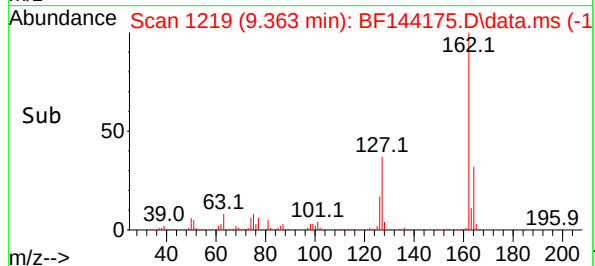
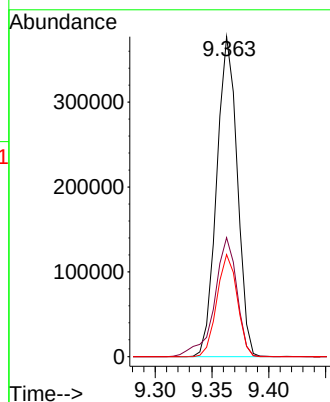
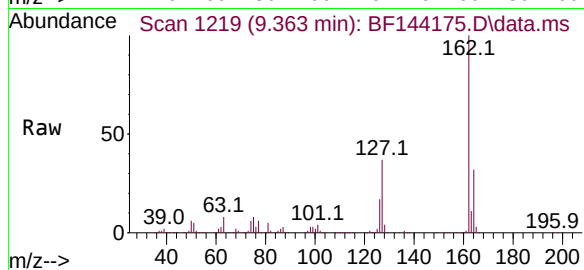
Tgt Ion:162 Resp: 474514

Ion Ratio Lower Upper

162 100

127 37.2 28.8 43.2

164 31.9 25.8 38.8



#48

2-Nitroaniline

Concen: 65.370 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

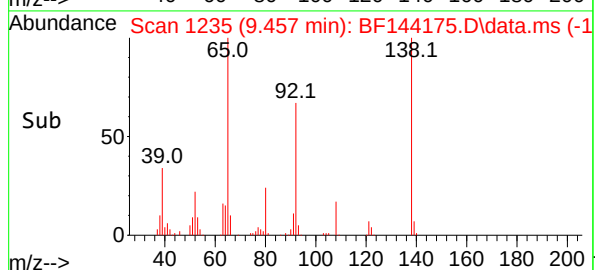
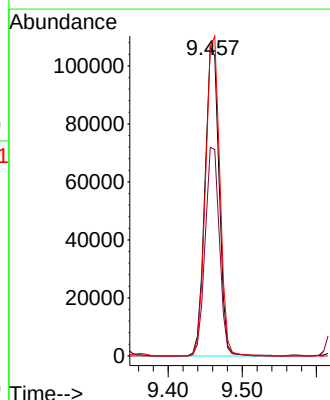
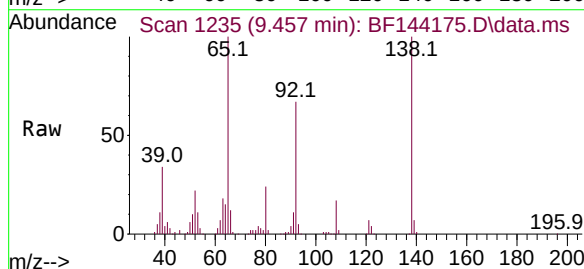
Tgt Ion: 65 Resp: 141938

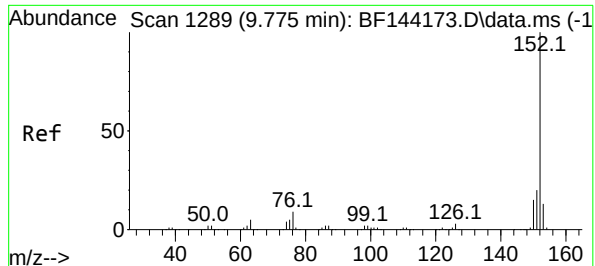
Ion Ratio Lower Upper

65 100

92 67.5 53.0 79.6

138 100.0 81.6 122.4





#49

Acenaphthylene

Concen: 62.050 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

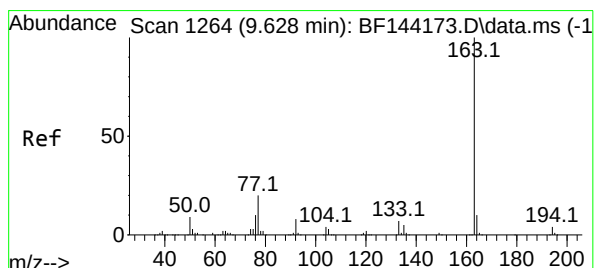
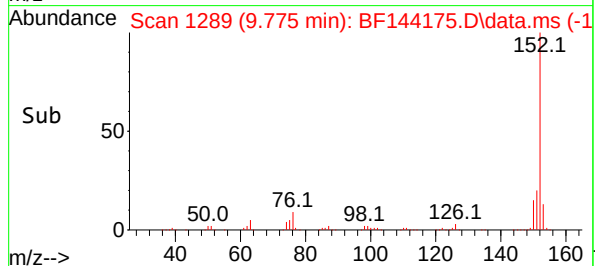
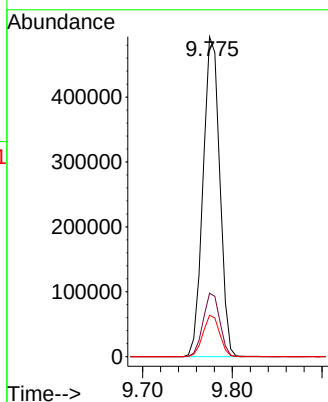
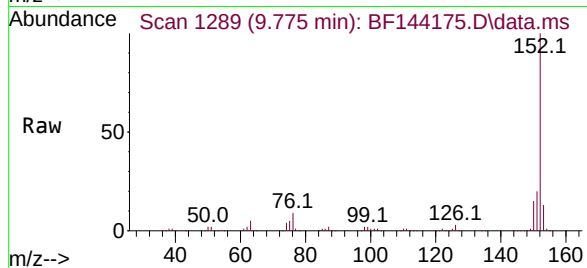
Tgt Ion:152 Resp: 636324

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 62.250 ng

RT: 9.633 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

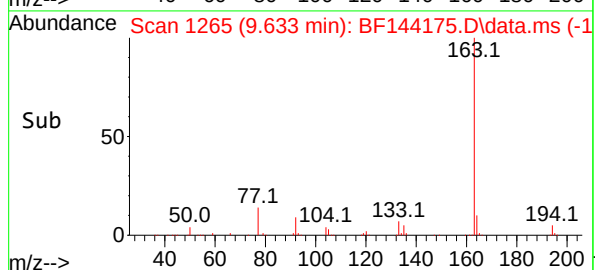
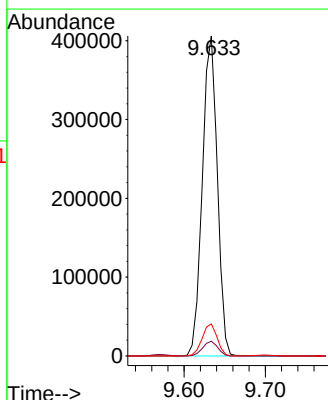
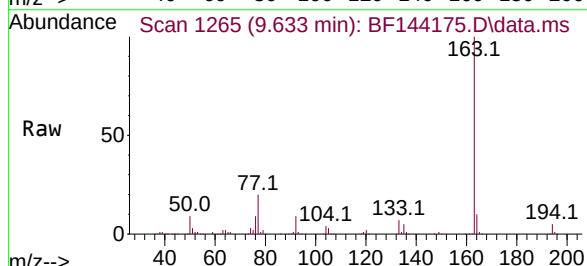
Tgt Ion:163 Resp: 521205

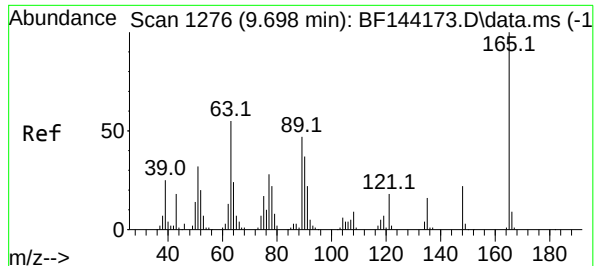
Ion Ratio Lower Upper

163 100

194 4.6 3.3 4.9

164 10.0 8.1 12.1

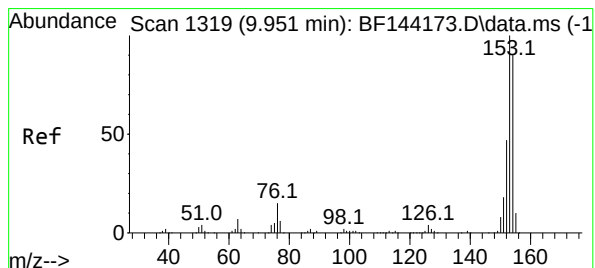
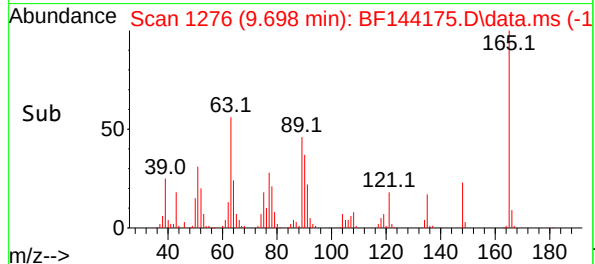
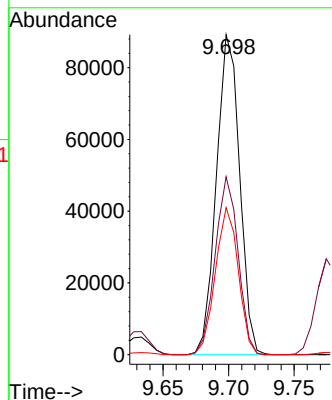
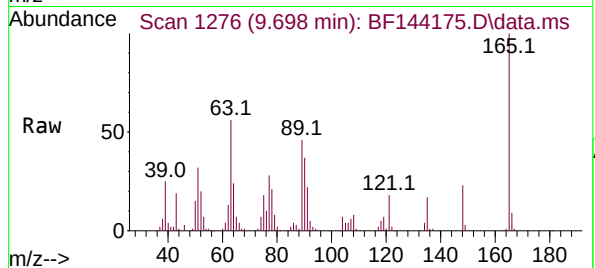




#51
2,6-Dinitrotoluene
Concen: 64.983 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

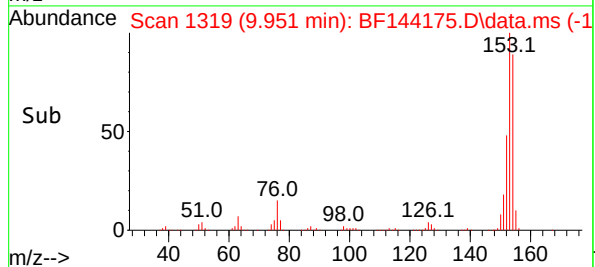
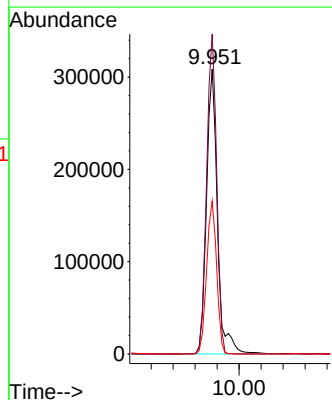
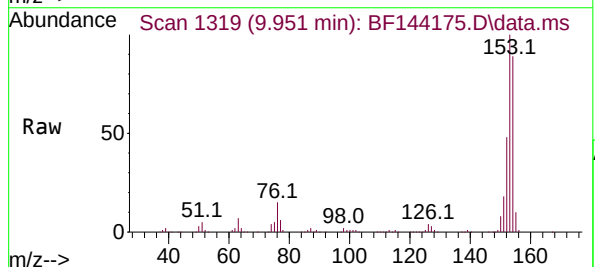
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

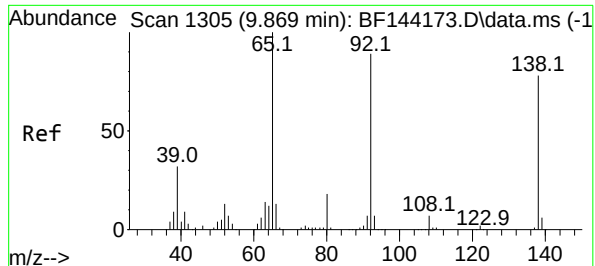
Tgt Ion:165 Resp: 110140
Ion Ratio Lower Upper
165 100
63 55.6 43.8 65.8
89 45.9 37.5 56.3



#52
Acenaphthene
Concen: 61.778 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:154 Resp: 423653
Ion Ratio Lower Upper
154 100
153 112.4 89.0 133.4
152 53.7 42.2 63.4





#53

3-Nitroaniline

Concen: 64.749 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144175.D

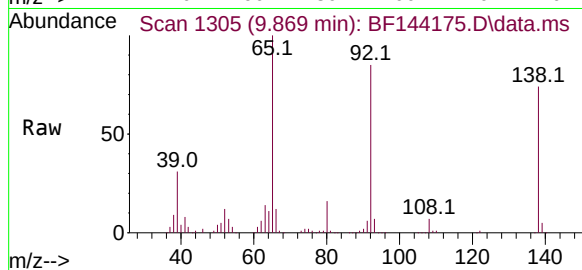
Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



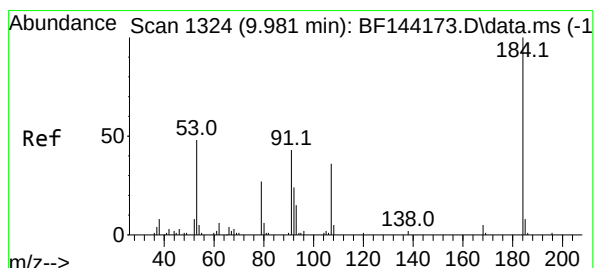
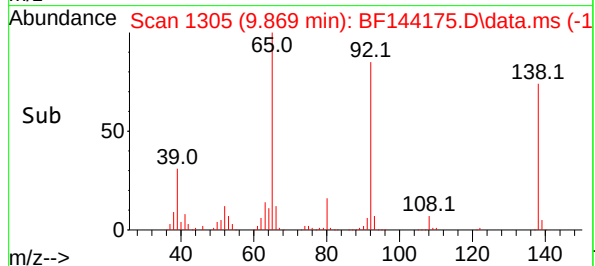
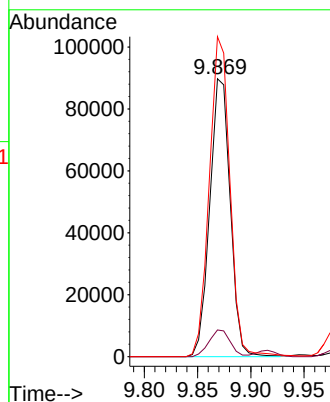
Tgt Ion:138 Resp: 119967

Ion Ratio Lower Upper

138 100

108 9.6 7.5 11.3

92 115.2 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 62.138 ng

RT: 9.980 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

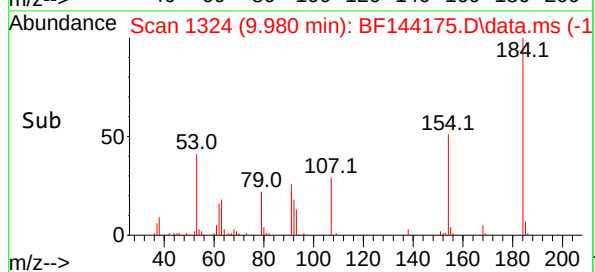
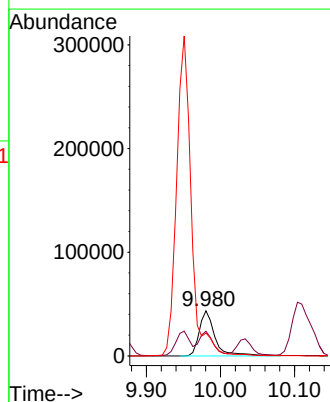
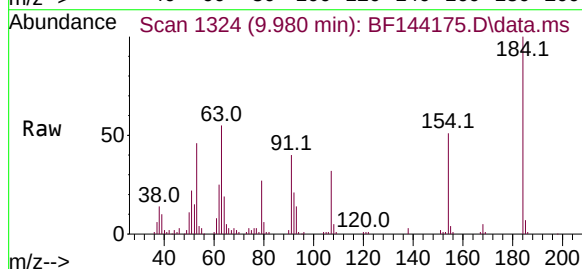
Tgt Ion:184 Resp: 63597

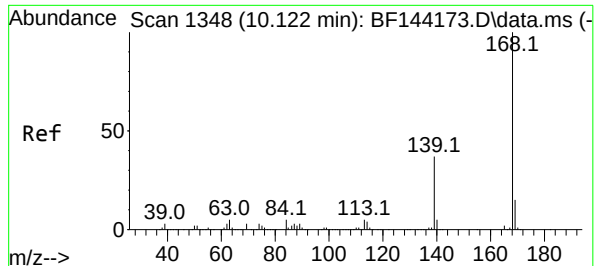
Ion Ratio Lower Upper

184 100

63 54.7 44.0 66.0

154 50.8 42.4 63.6





#55

Dibenzenofuran

Concen: 61.680 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

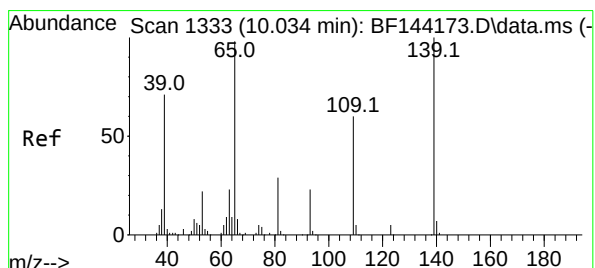
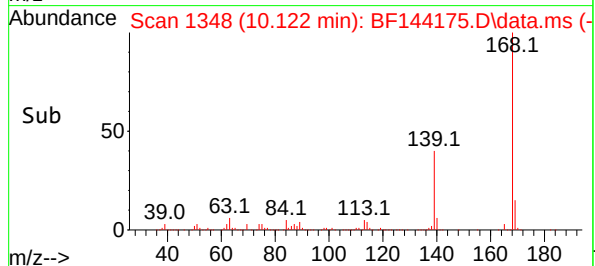
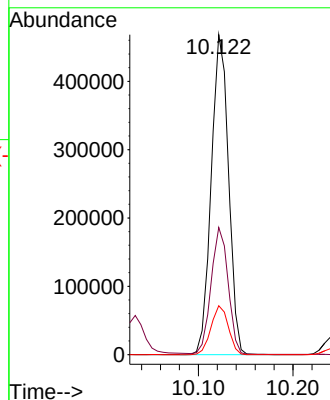
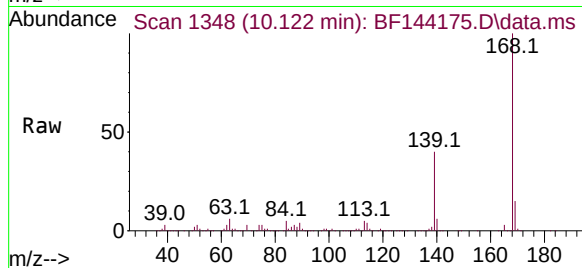
Tgt Ion:168 Resp: 592400

Ion Ratio Lower Upper

168 100

139 39.7 30.2 45.2

169 15.3 12.2 18.4



#56

4-Nitrophenol

Concen: 59.812 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

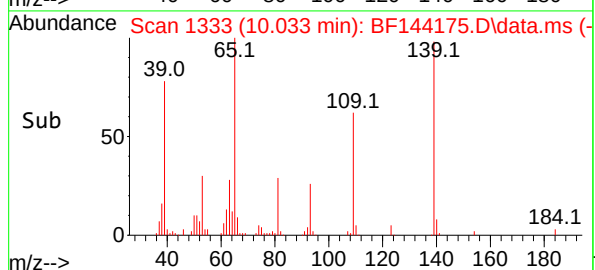
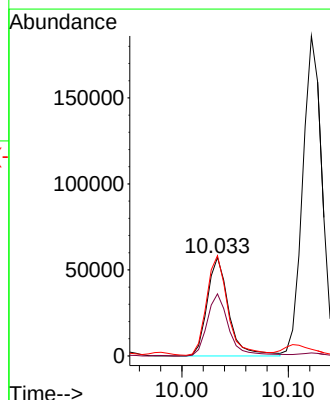
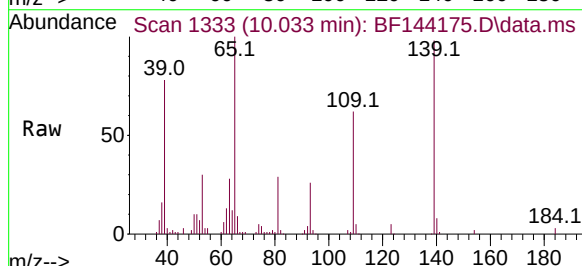
Tgt Ion:139 Resp: 80163

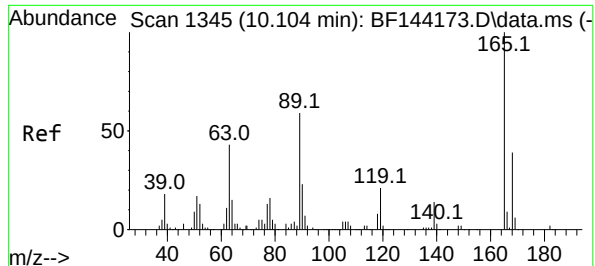
Ion Ratio Lower Upper

139 100

109 63.0 39.9 79.9

65 101.8 79.5 119.5

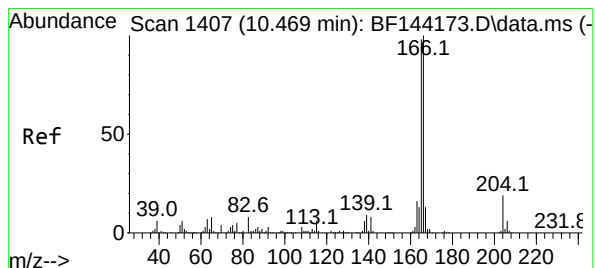
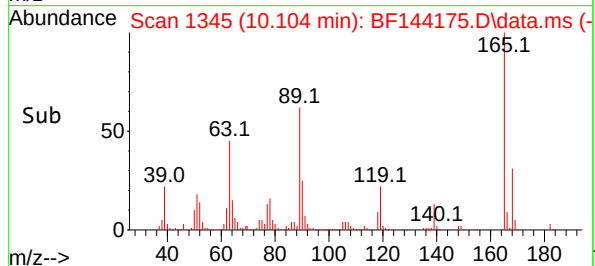
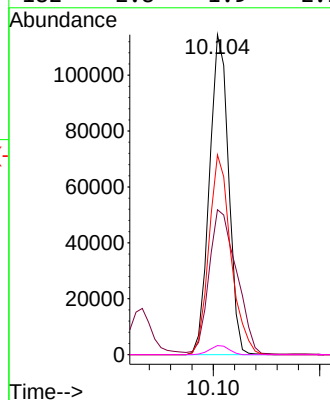
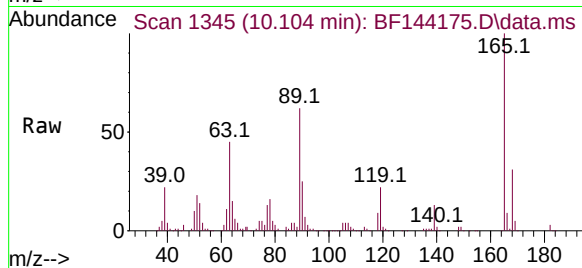




#57
2,4-Dinitrotoluene
Concen: 62.984 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

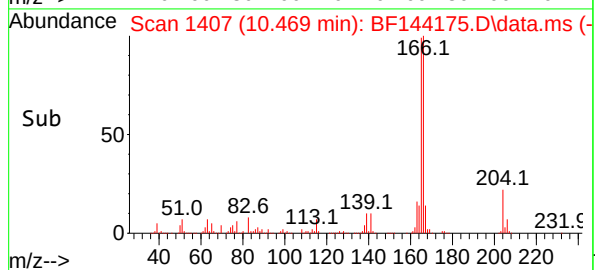
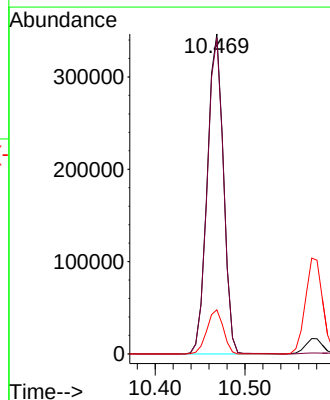
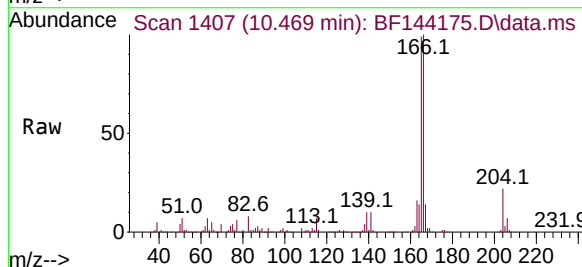
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

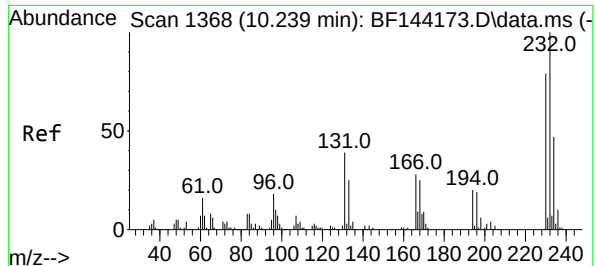
Tgt Ion:165 Resp: 142910
Ion Ratio Lower Upper
165 100
63 45.3 35.5 53.3
89 62.4 47.4 71.2
182 2.8 1.9 2.9



#58
Fluorene
Concen: 59.664 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:166 Resp: 435687
Ion Ratio Lower Upper
166 100
165 98.8 78.6 118.0
167 13.8 10.4 15.6

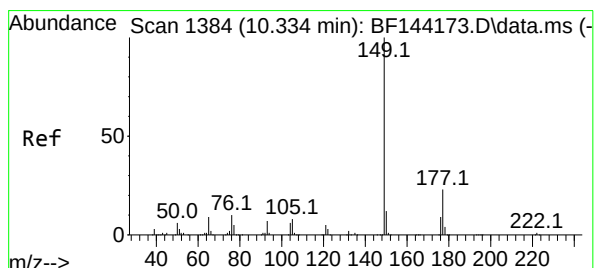
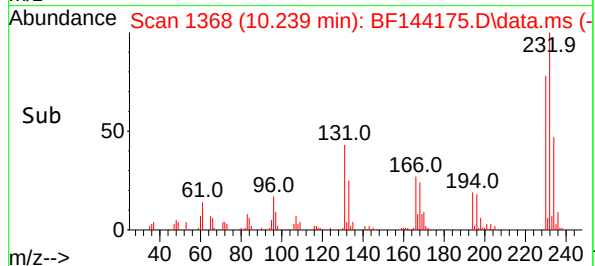
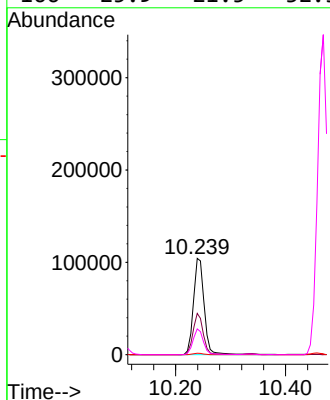
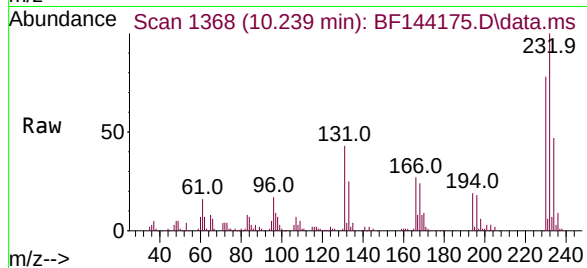




#59
2,3,4,6-Tetrachlorophenol
Concen: 65.569 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

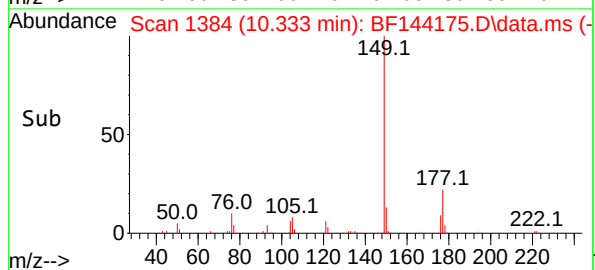
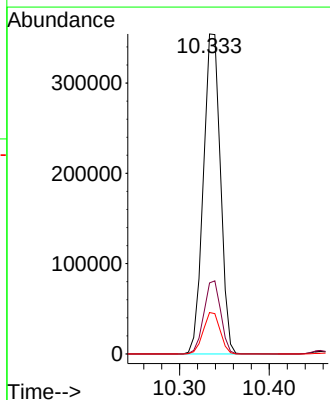
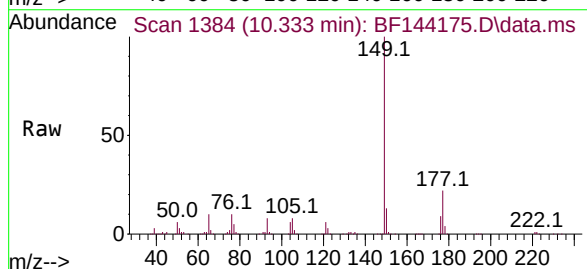
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

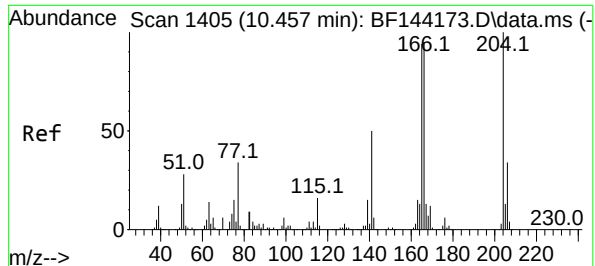
Tgt Ion:232 Resp: 140953
Ion Ratio Lower Upper
232 100
131 40.7 30.3 45.5
130 1.3 1.2 1.8
166 25.9 21.5 32.3



#60
Diethylphthalate
Concen: 60.755 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:149 Resp: 468931
Ion Ratio Lower Upper
149 100
177 22.2 18.3 27.5
150 12.9 9.8 14.6

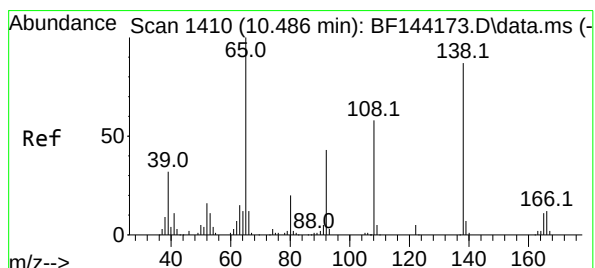
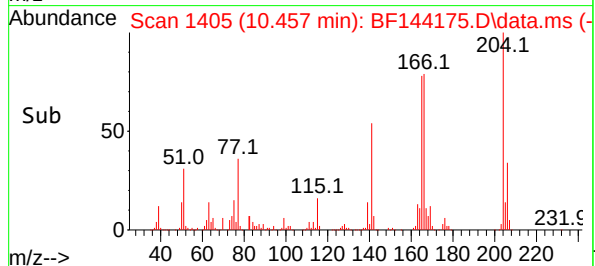
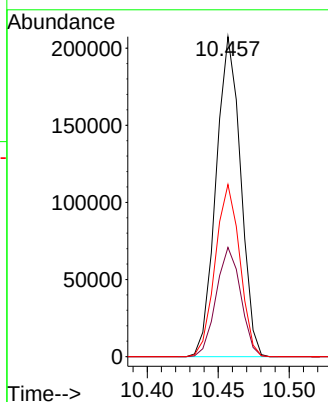
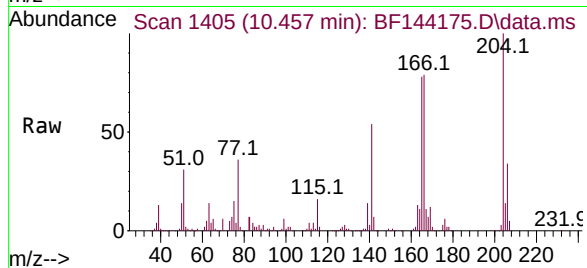




#61
4-Chlorophenyl-phenylether
Concen: 60.068 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

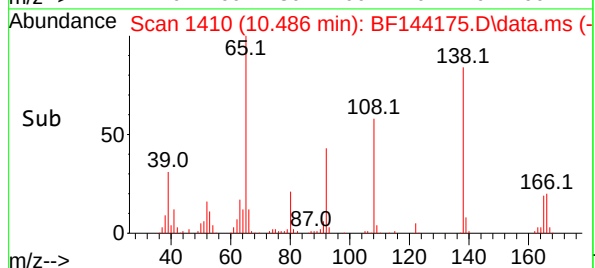
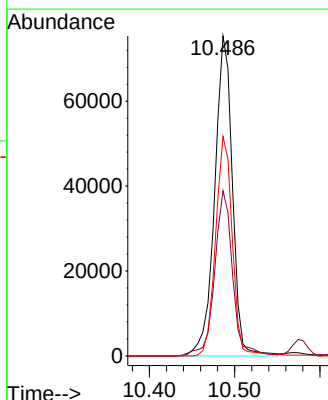
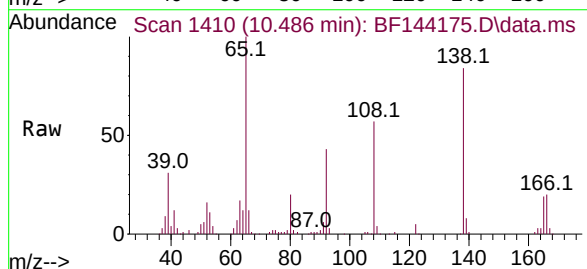
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

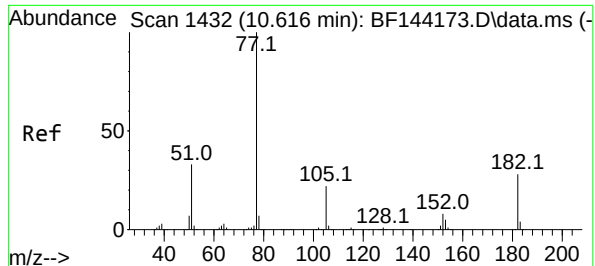
Tgt Ion:204 Resp: 249857
Ion Ratio Lower Upper
204 100
206 34.1 27.4 41.2
141 53.8 40.0 60.0



#62
4-Nitroaniline
Concen: 61.862 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:138 Resp: 109153
Ion Ratio Lower Upper
138 100
92 51.6 29.4 69.4
108 68.6 46.4 86.4

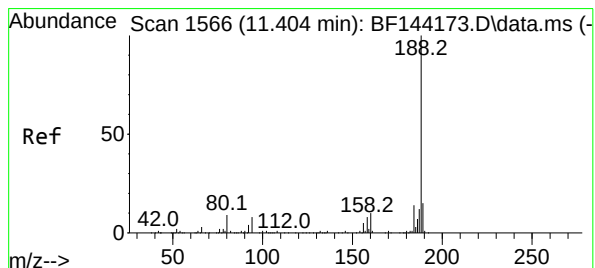
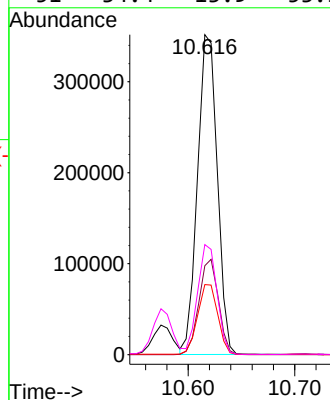
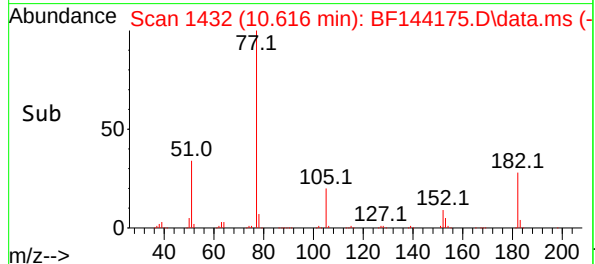
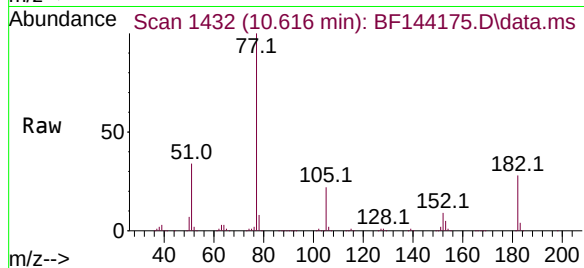




#63
Azobenzene
Concen: 63.187 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

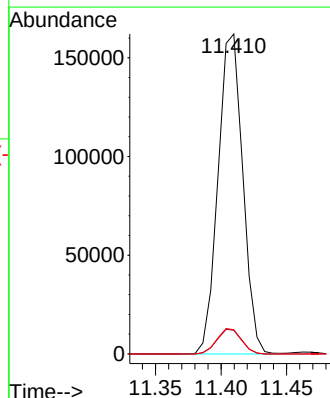
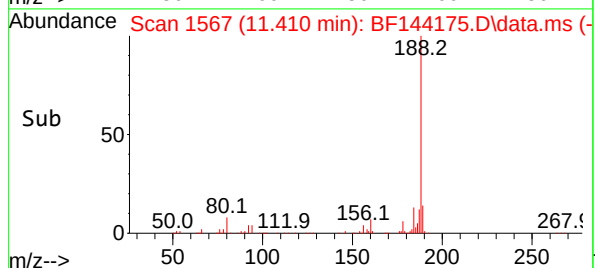
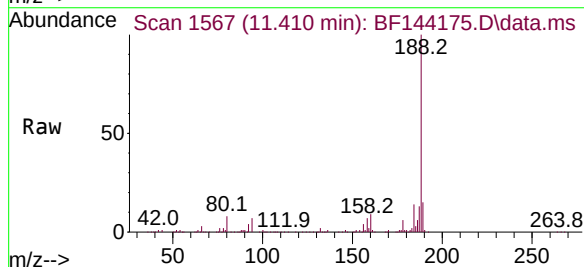
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

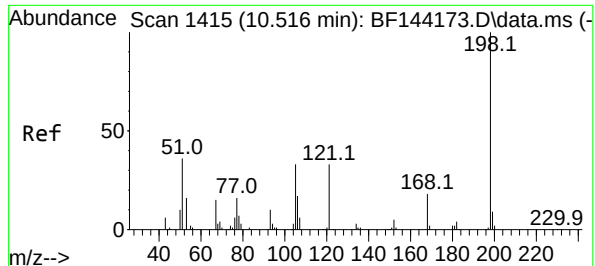
Tgt Ion: 77 Resp: 453890
Ion Ratio Lower Upper
77 100
182 27.8 8.1 48.1
105 21.9 2.0 42.0
51 34.4 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 188 Resp: 213136
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.2
80 7.6 6.9 10.3

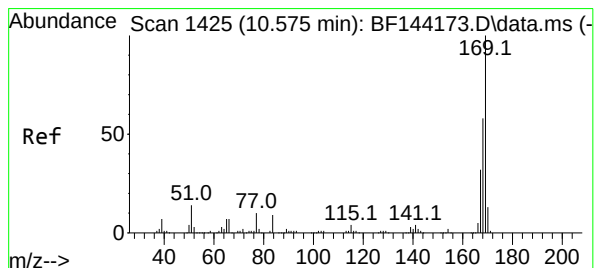
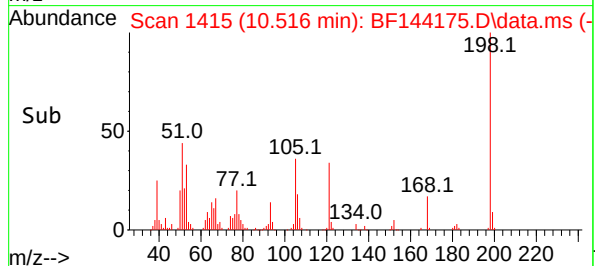
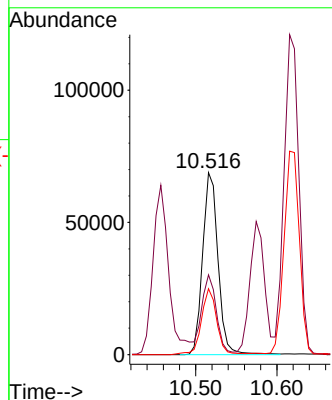
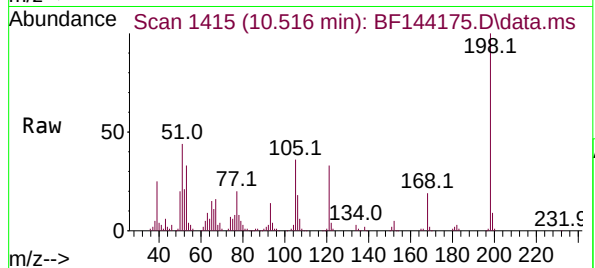




#65
4,6-Dinitro-2-methylphenol
Concen: 62.727 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

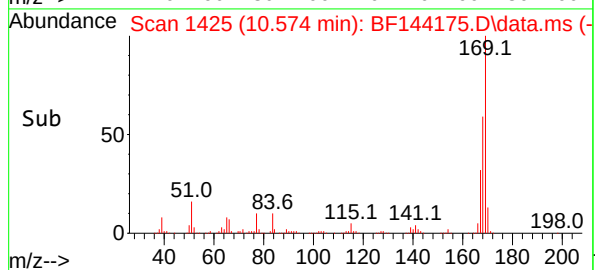
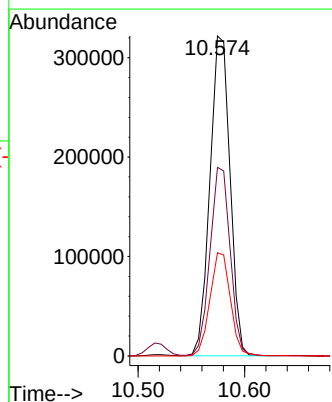
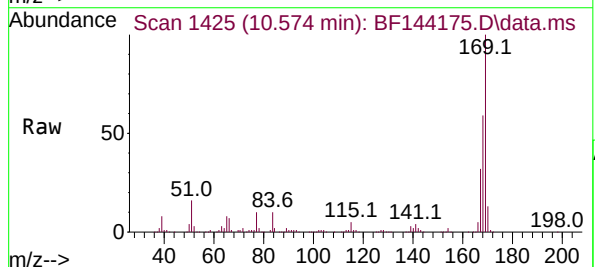
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

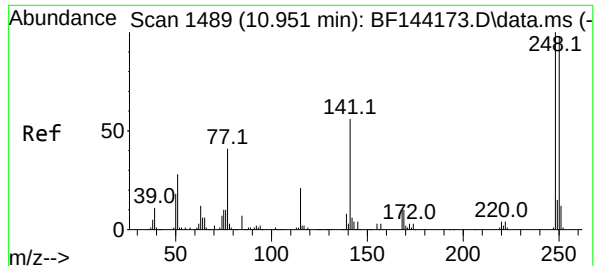
Tgt Ion:198 Resp: 90823
Ion Ratio Lower Upper
198 100
51 43.8 25.6 65.6
105 36.2 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 61.520 ng
RT: 10.574 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:169 Resp: 421720
Ion Ratio Lower Upper
169 100
168 58.9 46.2 69.2
167 32.2 25.7 38.5

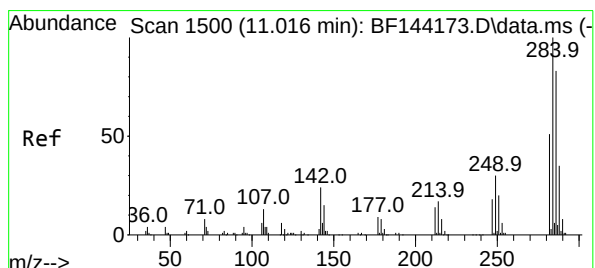
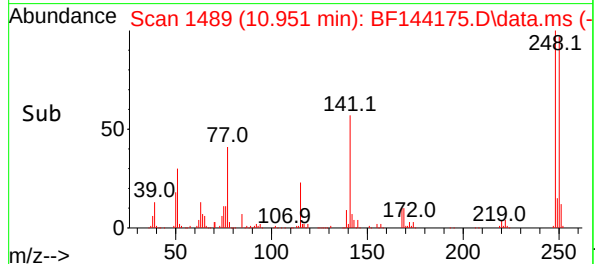
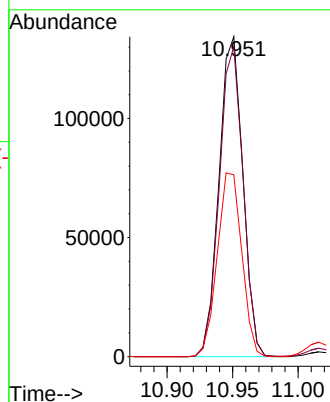
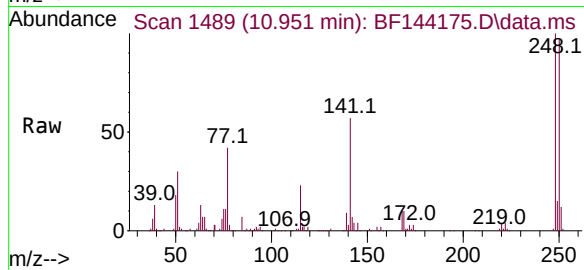




#67
4-Bromophenyl-phenylether
Concen: 62.634 ng
RT: 10.951 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

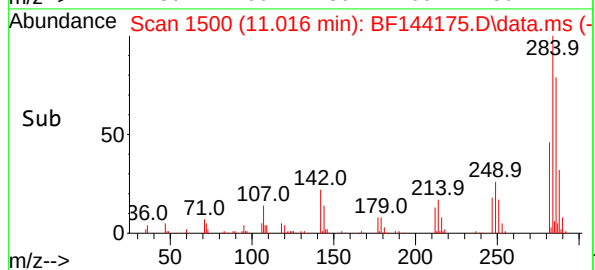
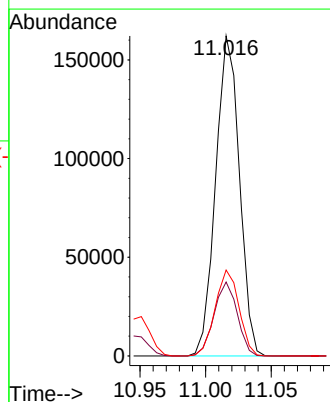
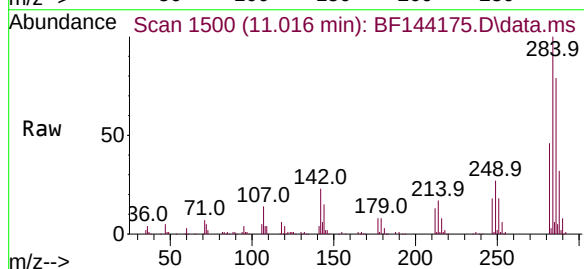
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

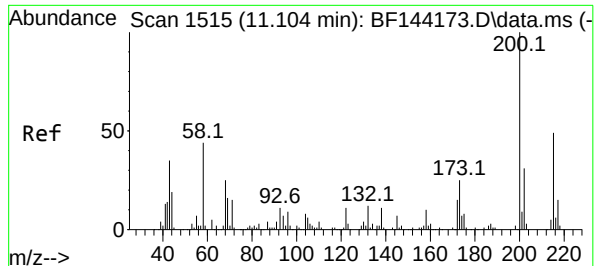
Tgt Ion:248 Resp: 170395
Ion Ratio Lower Upper
248 100
250 96.8 78.4 117.6
141 56.8 45.1 67.7



#68
Hexachlorobenzene
Concen: 63.744 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:284 Resp: 204258
Ion Ratio Lower Upper
284 100
142 23.1 19.2 28.8
249 26.8 23.8 35.8

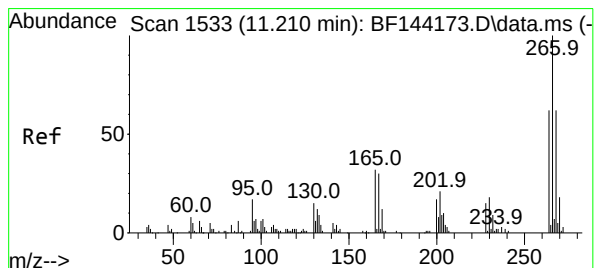
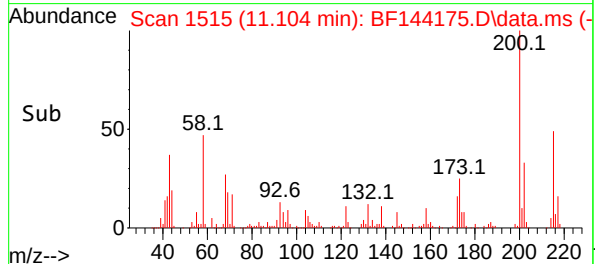
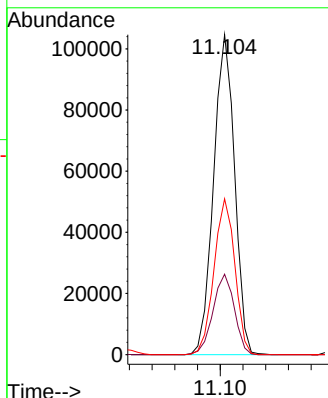
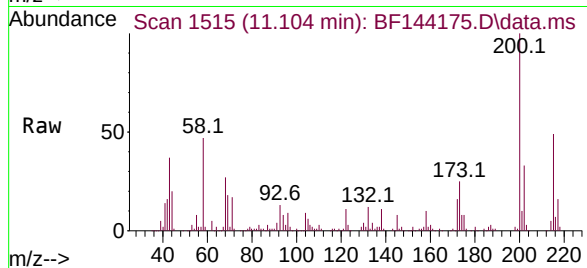




#69
Atrazine
Concen: 61.467 ng
RT: 11.104 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

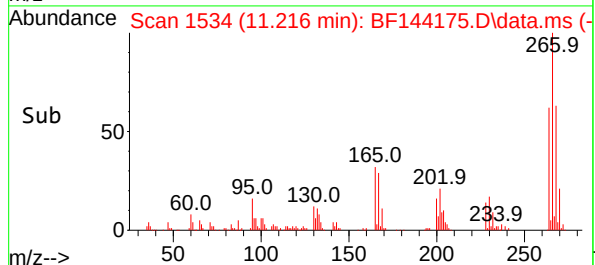
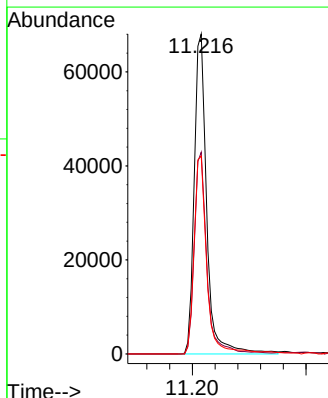
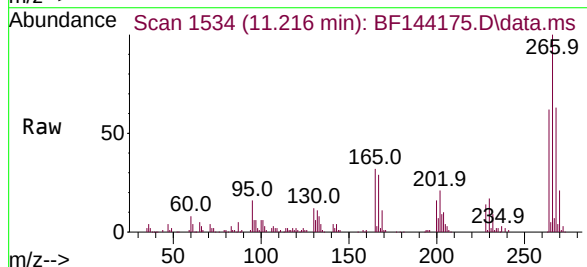
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

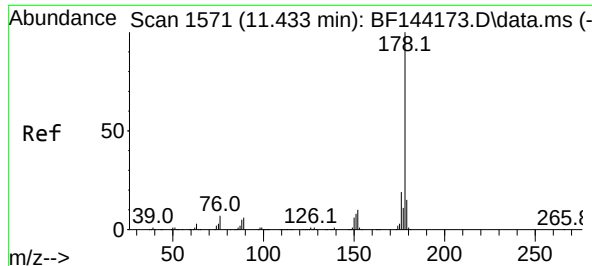
Tgt Ion:200 Resp: 134002
Ion Ratio Lower Upper
200 100
173 25.1 5.0 45.0
215 48.7 28.7 68.7



#70
Pentachlorophenol
Concen: 64.842 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:266 Resp: 103466
Ion Ratio Lower Upper
266 100
268 63.0 49.5 74.3
264 61.8 49.4 74.2

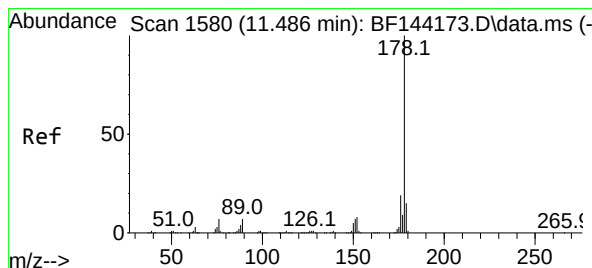
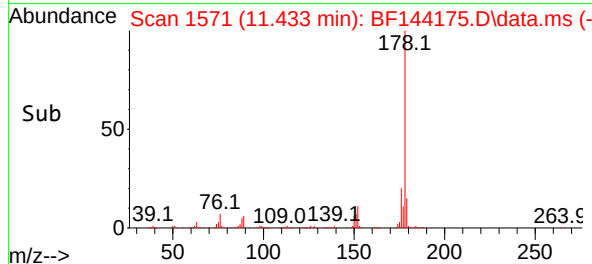
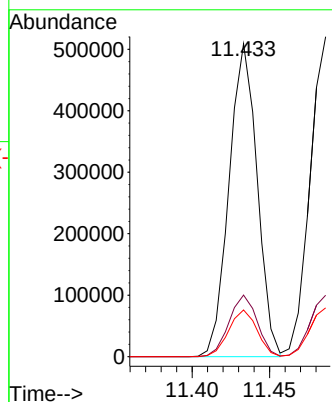
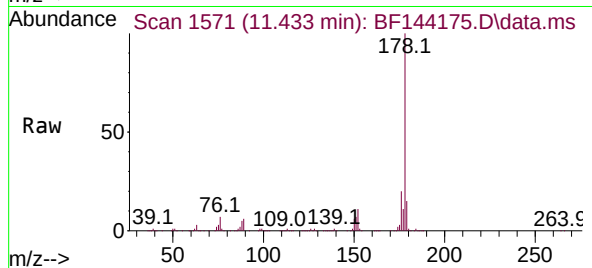




#71
Phenanthrene
Concen: 60.448 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

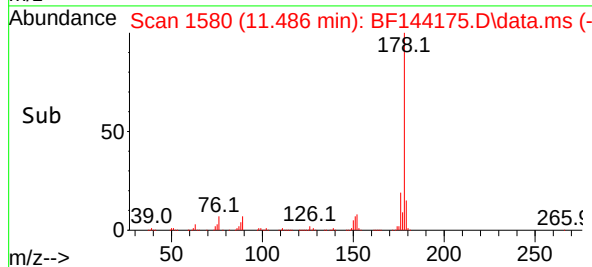
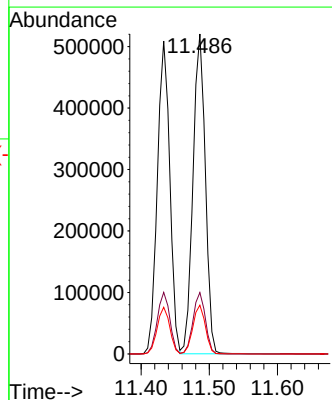
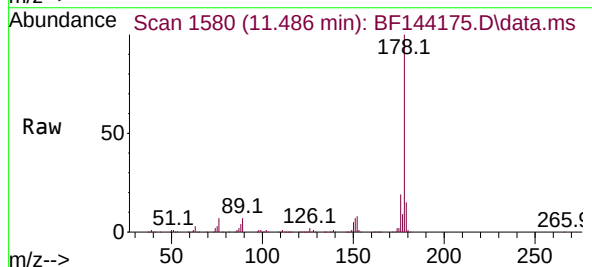
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

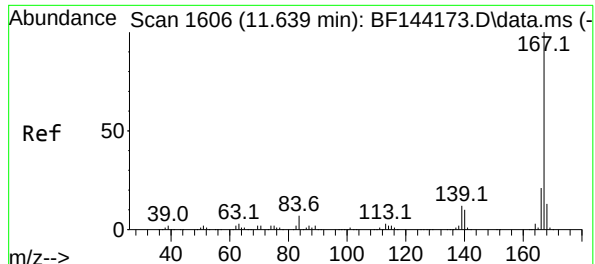
Tgt Ion:178 Resp: 641461
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 14.9 12.2 18.4



#72
Anthracene
Concen: 60.871 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

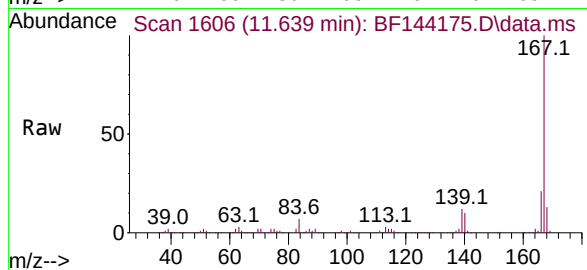
Tgt Ion:178 Resp: 656819
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.2 12.0 18.0



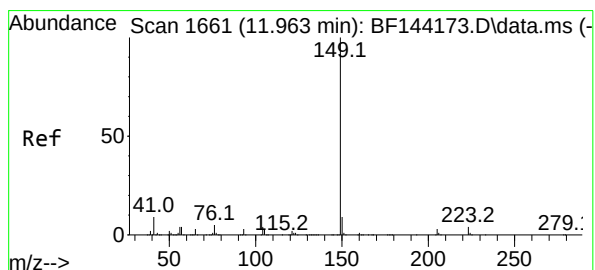
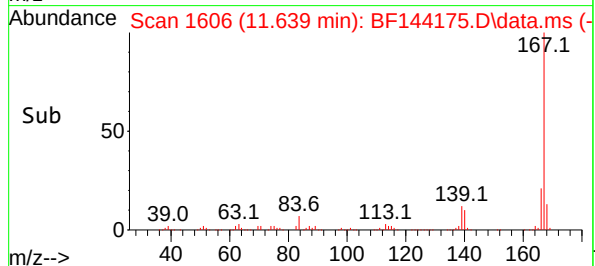
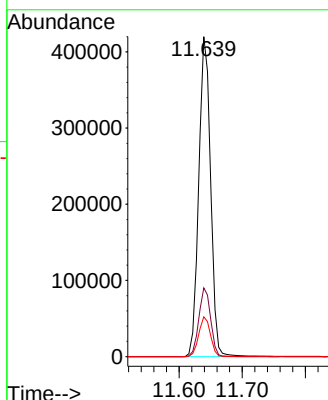


#73
Carbazole
Concen: 59.542 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

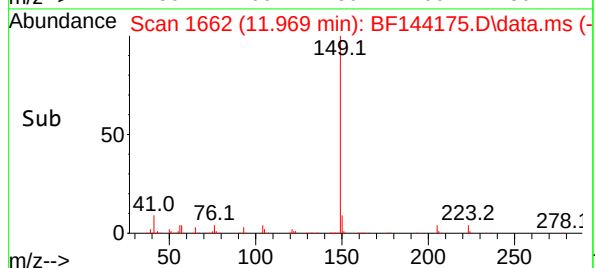
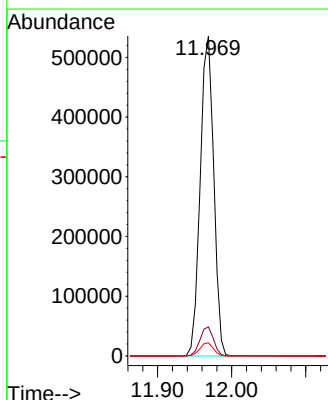
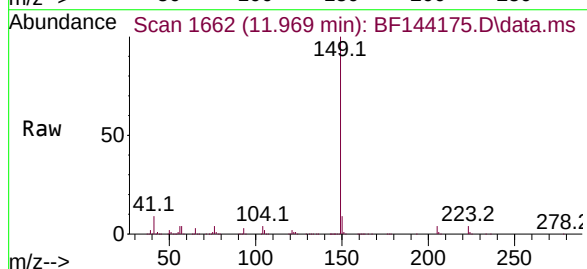


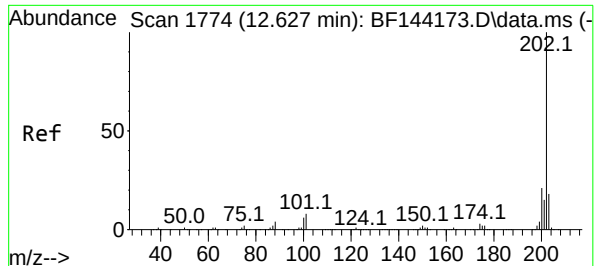
Tgt Ion:167 Resp: 546322
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.4 9.9 14.9



#74
Di-n-butylphthalate
Concen: 61.075 ng
RT: 11.969 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:149 Resp: 677444
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.1 3.4 5.2





#75

Fluoranthene

Concen: 60.849 ng

RT: 12.627 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

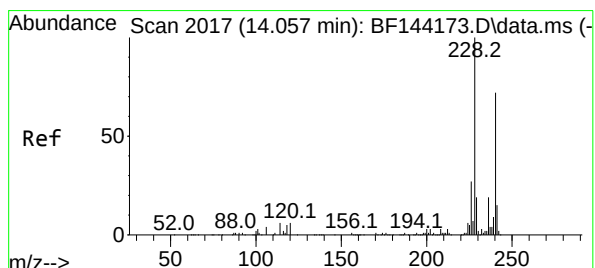
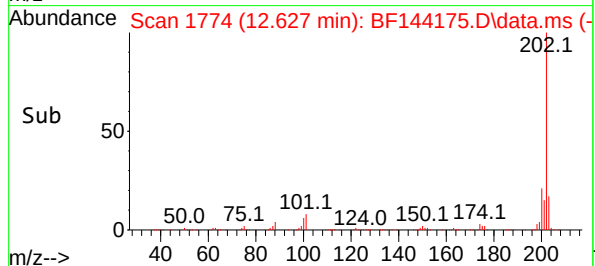
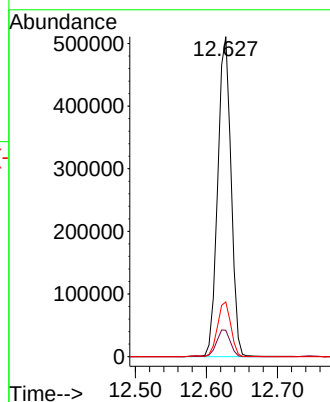
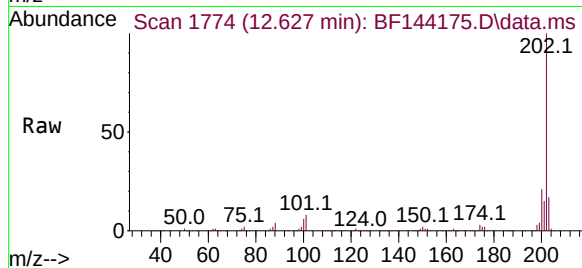
Tgt Ion:202 Resp: 667021

Ion Ratio Lower Upper

202 100

101 8.2 0.0 27.9

203 17.1 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

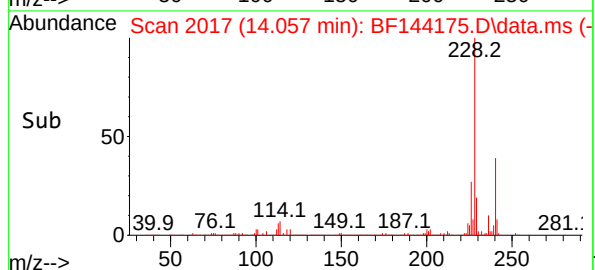
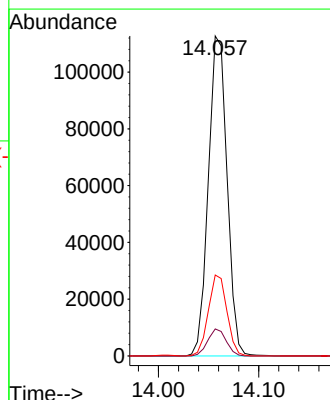
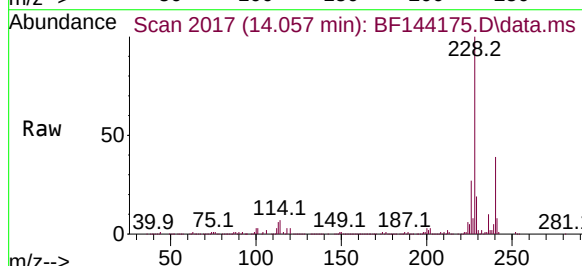
Tgt Ion:240 Resp: 145867

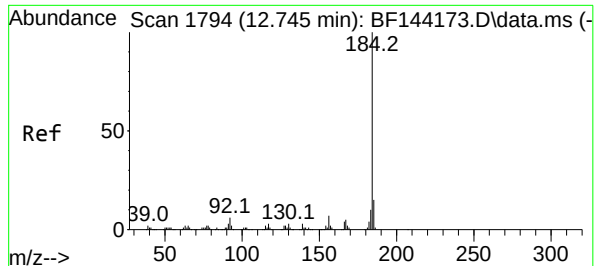
Ion Ratio Lower Upper

240 100

120 8.5 6.6 10.0

236 25.3 21.4 32.2

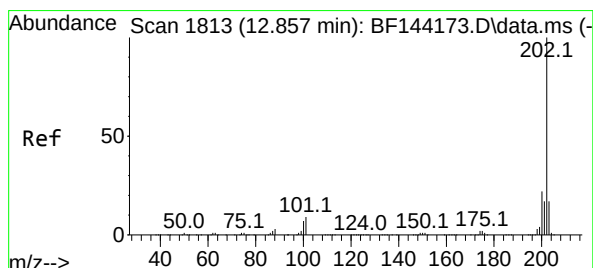
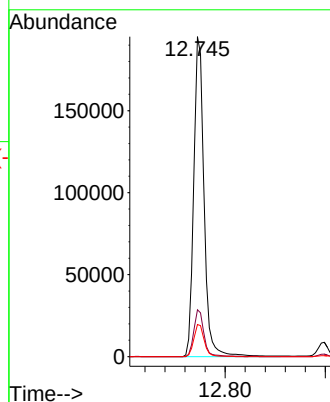
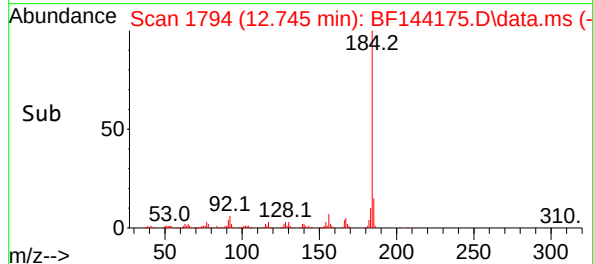
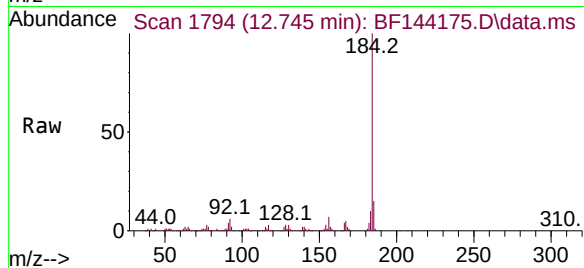




#77
Benzidine
Concen: 64.368 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

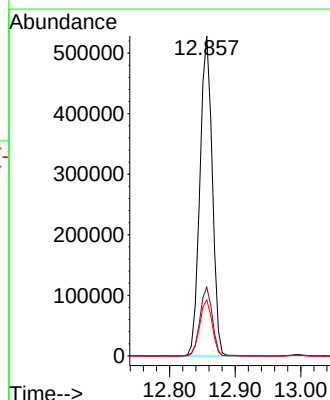
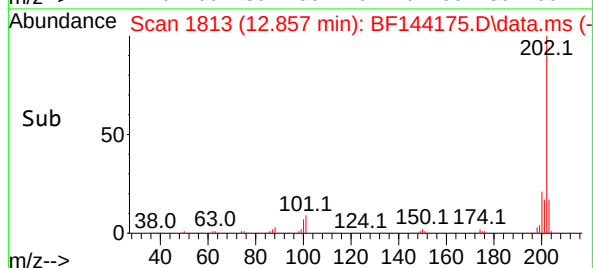
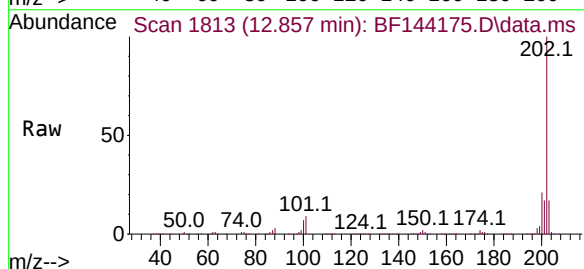
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

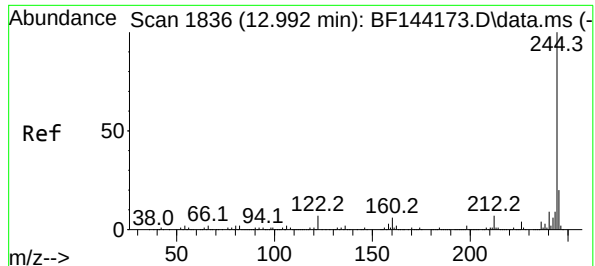
Tgt Ion:184 Resp: 277725
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 10.0 8.3 12.5



#78
Pyrene
Concen: 58.384 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:202 Resp: 686663
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.5 13.7 20.5





#79

Terphenyl-d14

Concen: 115.147 ng

RT: 12.998 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BF144175.D

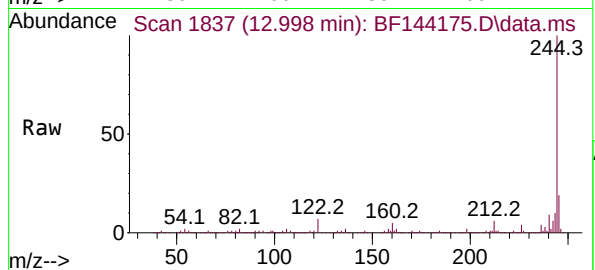
Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



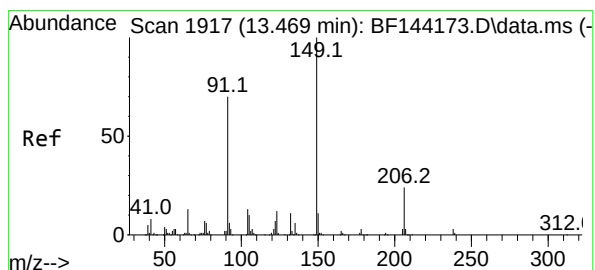
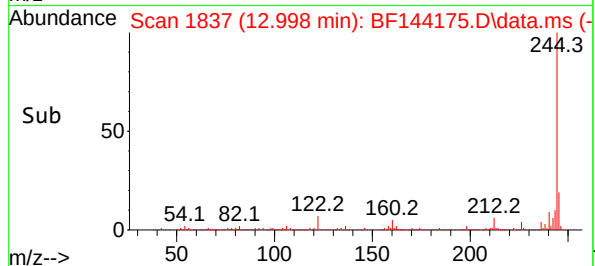
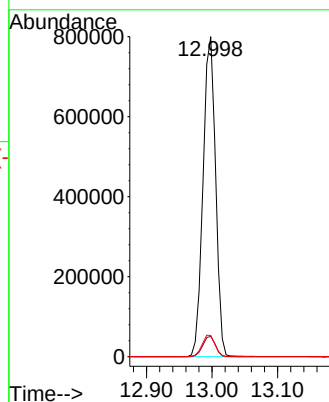
Tgt Ion:244 Resp: 1057426

Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

122 6.6 5.6 8.4



#80

Butylbenzylphthalate

Concen: 61.152 ng

RT: 13.468 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

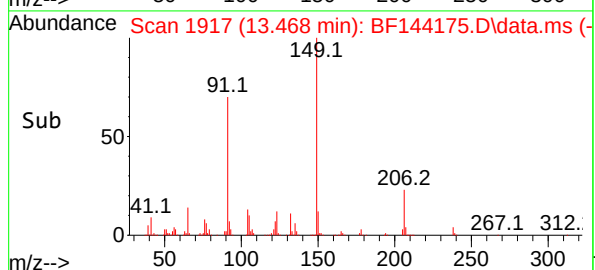
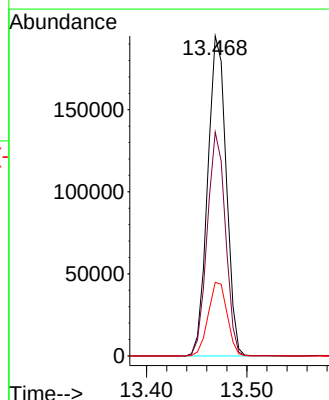
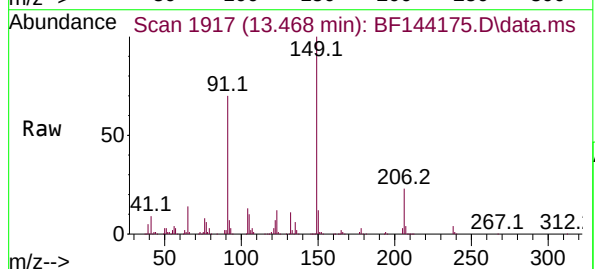
Tgt Ion:149 Resp: 249274

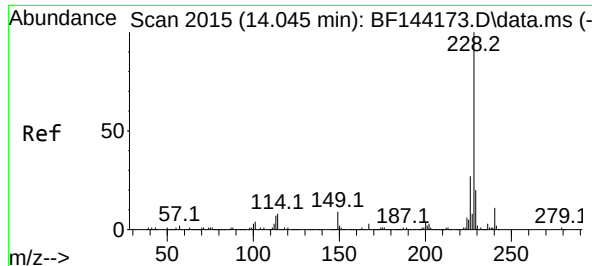
Ion Ratio Lower Upper

149 100

91 69.9 56.1 84.1

206 23.0 18.8 28.2





#81

Benzo(a)anthracene

Concen: 64.625 ng

RT: 14.051 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

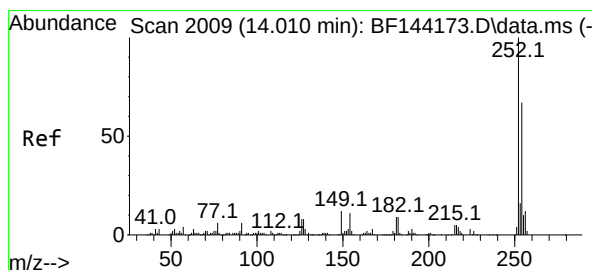
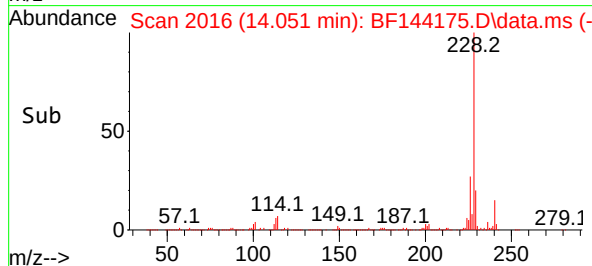
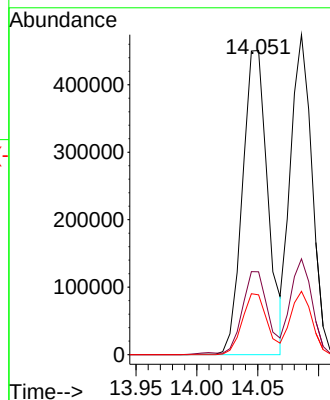
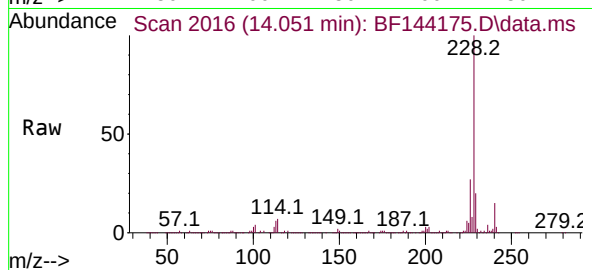
Tgt Ion:228 Resp: 653341

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 67.182 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

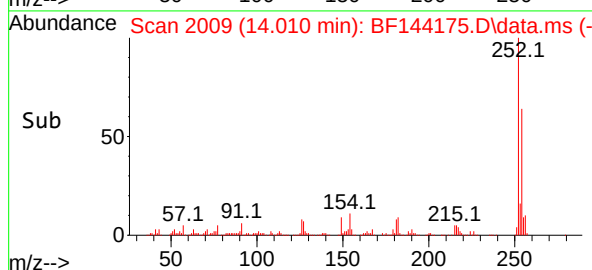
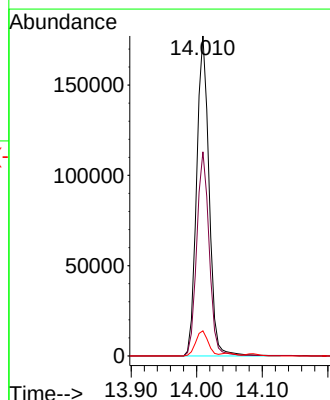
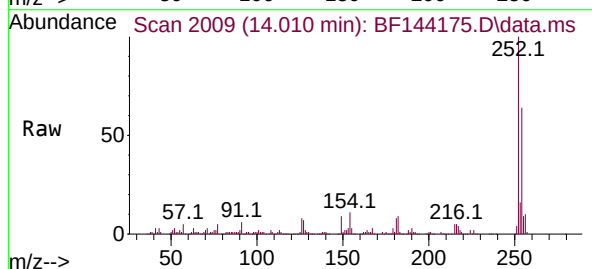
Tgt Ion:252 Resp: 232807

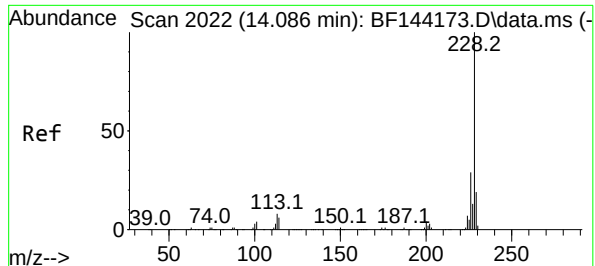
Ion Ratio Lower Upper

252 100

254 63.8 53.5 80.3

126 7.8 6.4 9.6





#83

Chrysene

Concen: 62.196 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

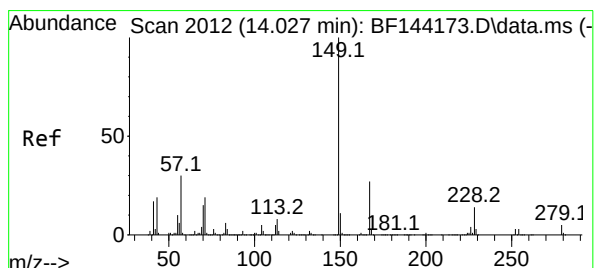
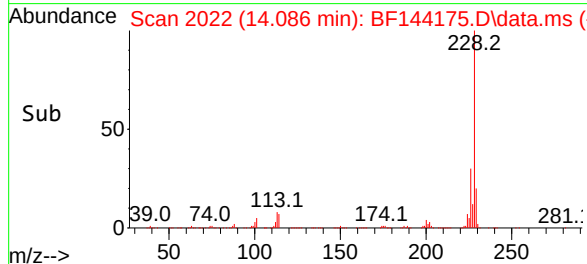
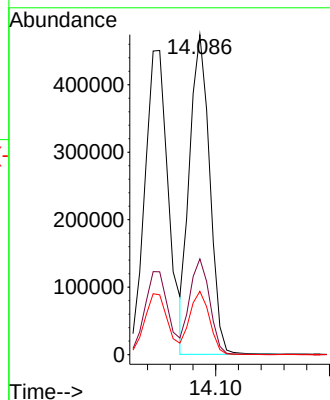
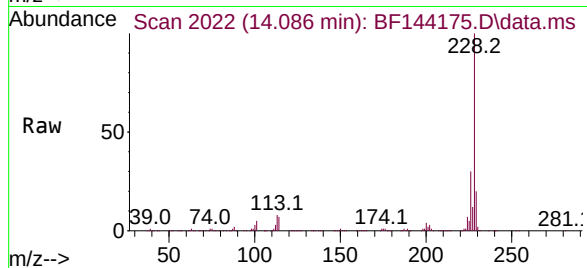
Tgt Ion:228 Resp: 580449

Ion Ratio Lower Upper

228 100

226 30.0 22.9 34.3

229 19.8 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.991 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

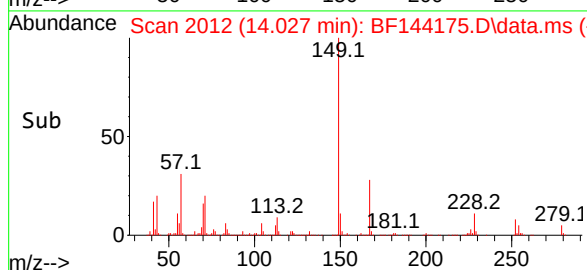
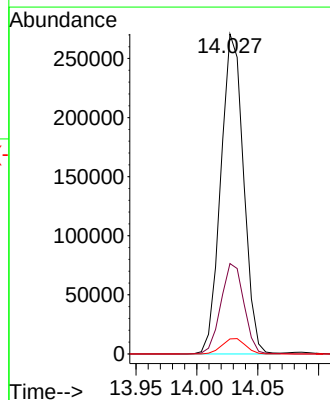
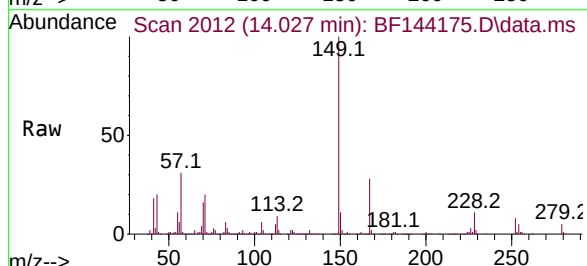
Tgt Ion:149 Resp: 351501

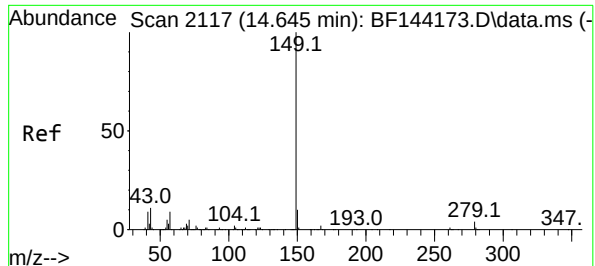
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

279 4.7 3.7 5.5

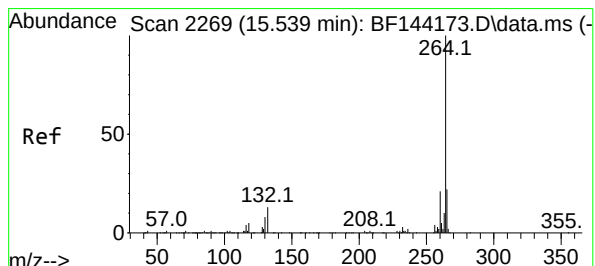
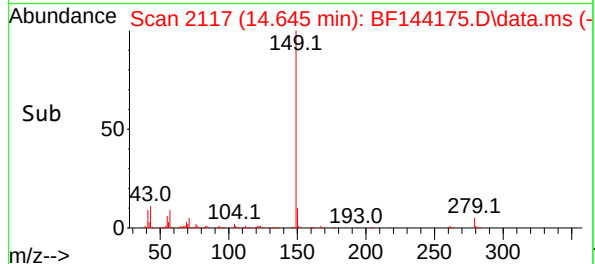
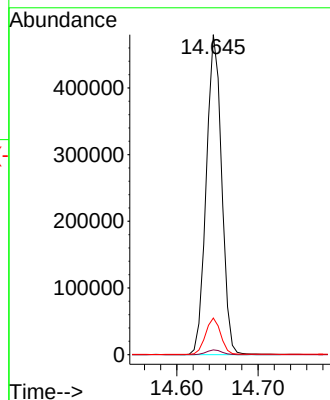
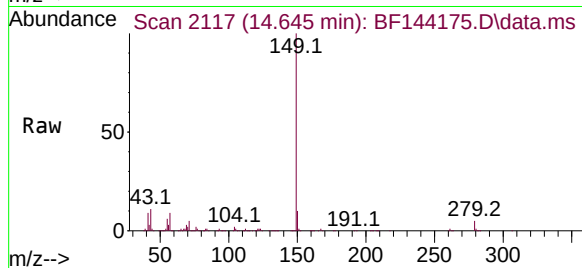




#85
Di-n-octyl phthalate
Concen: 65.547 ng
RT: 14.645 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

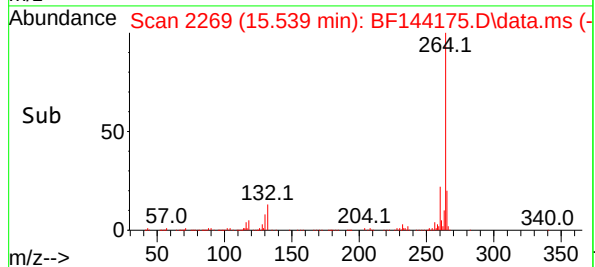
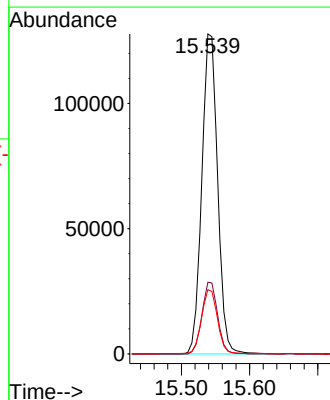
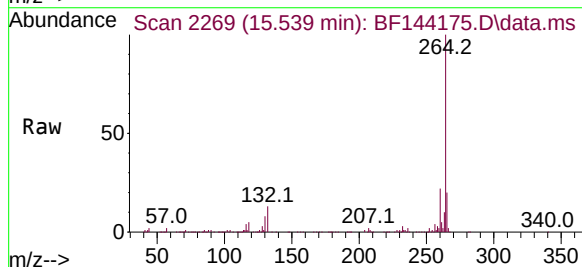
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

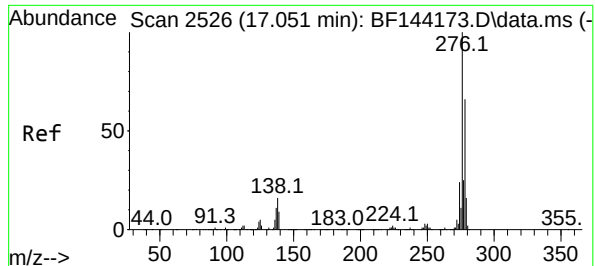
Tgt Ion:149 Resp: 631065
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 11.3 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:264 Resp: 205758
Ion Ratio Lower Upper
264 100
260 22.4 17.1 25.7
265 20.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.557 ng

RT: 17.056 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

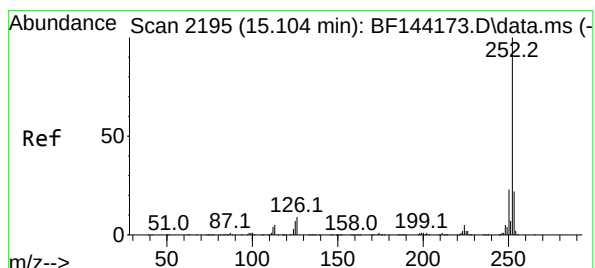
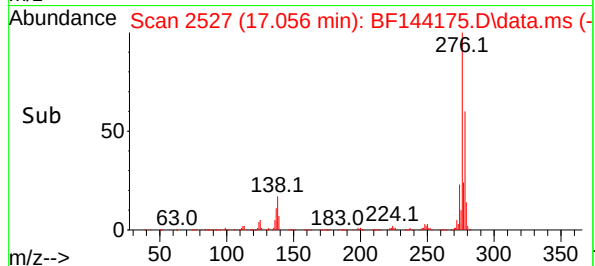
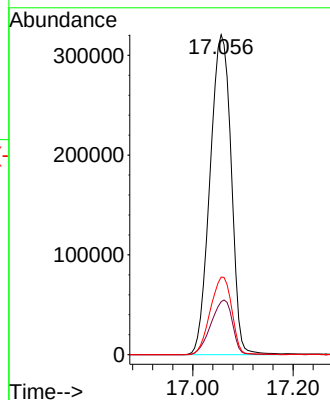
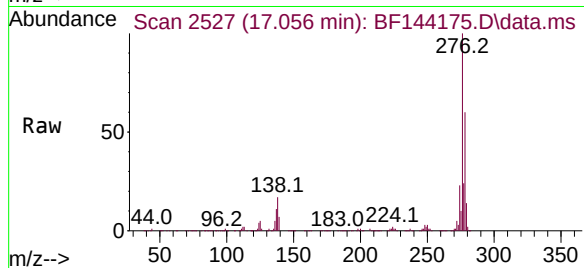
Tgt Ion:276 Resp: 938738

Ion Ratio Lower Upper

276 100

138 17.4 13.9 20.9

277 24.6 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 59.849 ng

RT: 15.109 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

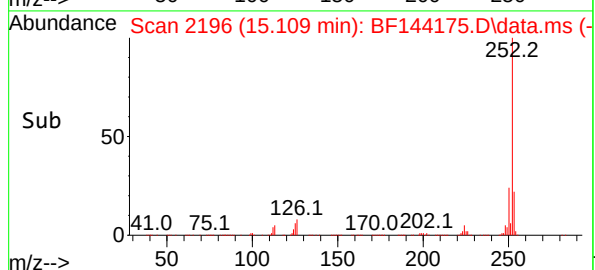
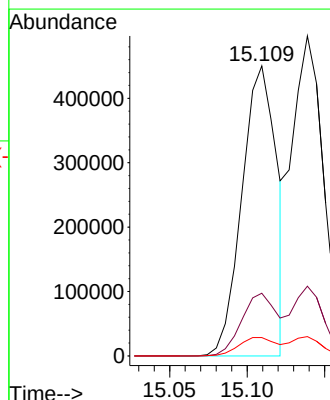
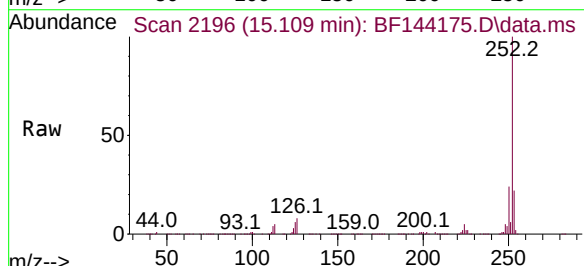
Tgt Ion:252 Resp: 700099

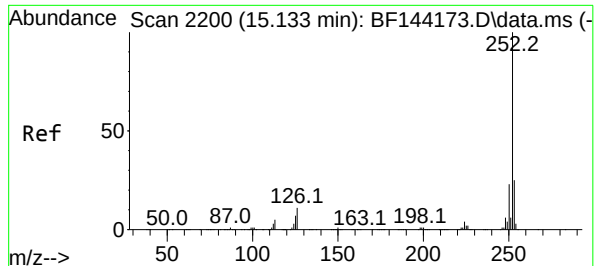
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 6.3 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 63.919 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

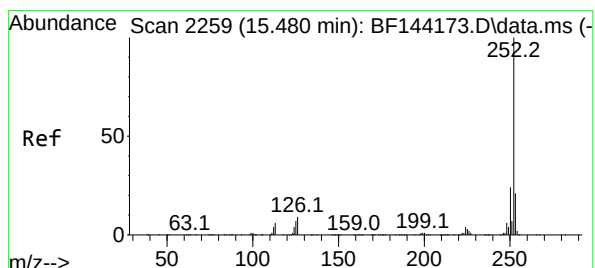
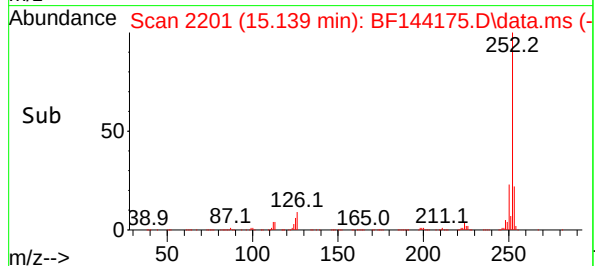
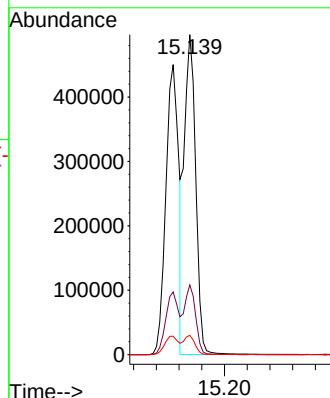
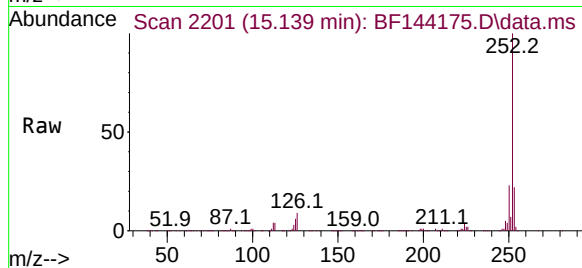
Tgt Ion:252 Resp: 699851

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 6.0 5.4 8.2



#90

Benzo(a)pyrene

Concen: 63.078 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

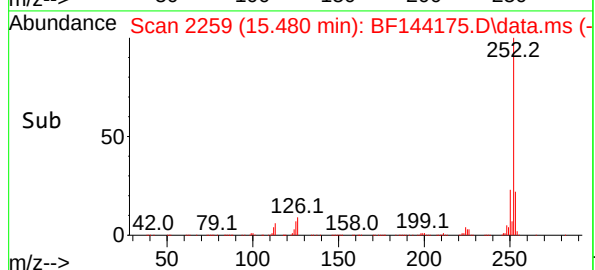
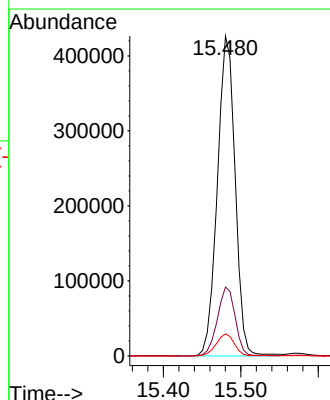
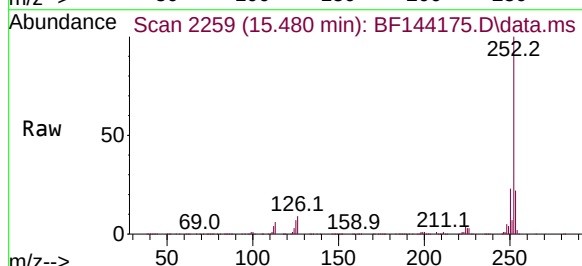
Tgt Ion:252 Resp: 680720

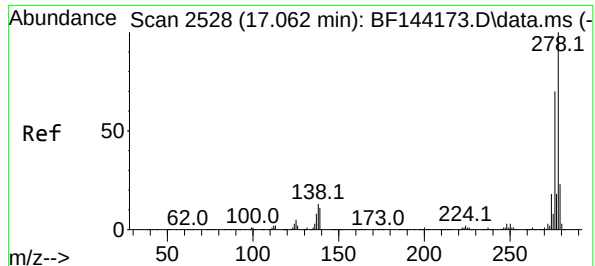
Ion Ratio Lower Upper

252 100

253 21.5 16.7 25.1

125 6.9 5.7 8.5

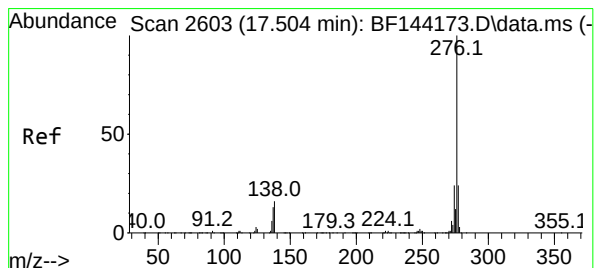
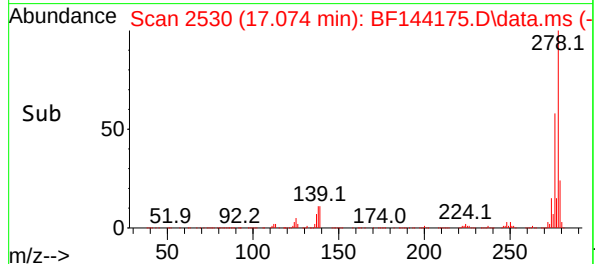
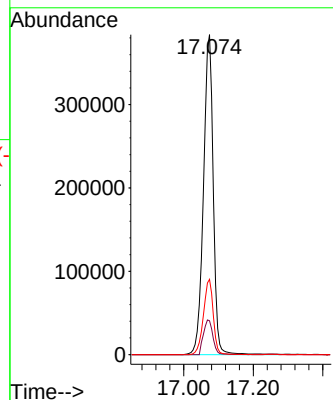
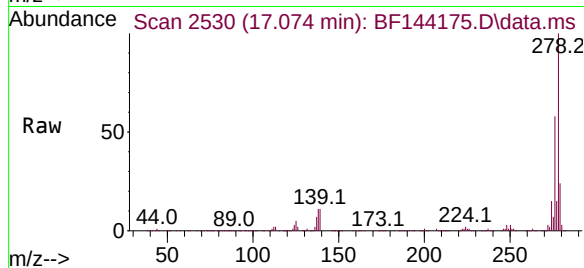




#91
Dibenzo(a,h)anthracene
Concen: 62.936 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

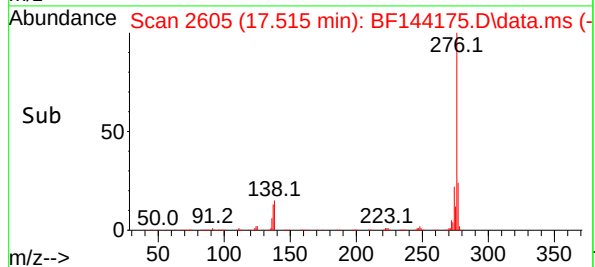
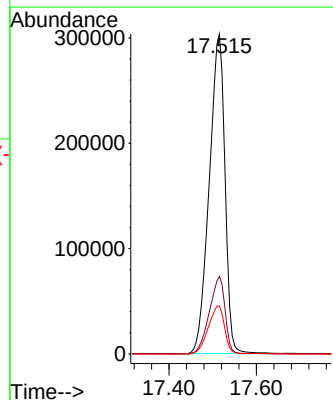
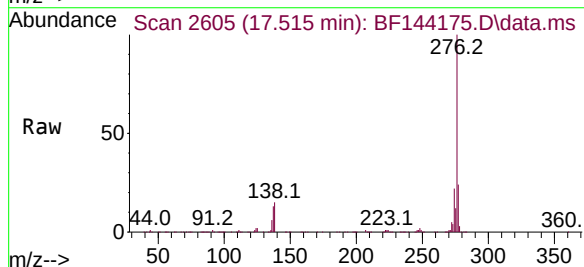
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 746544
Ion Ratio Lower Upper
278 100
139 10.6 9.1 13.7
279 23.5 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 64.699 ng
RT: 17.515 min Scan# 2605
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:276 Resp: 757880
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 15.0 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144176.D
 Acq On : 05 Nov 2025 16:49
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Nov 05 17:24:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69287	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	261584	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	147600	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	244733	20.000	ng	0.00
76) Chrysene-d12	14.063	240	156809	20.000	ng	0.00
86) Perylene-d12	15.545	264	213275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	661124	149.317	ng	0.00
7) Phenol-d6	6.510	99	742089	147.919	ng	0.00
23) Nitrobenzene-d5	7.445	82	707494	156.207	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	293555	158.489	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1397211	139.809	ng	0.00
79) Terphenyl-d14	12.998	244	1449323	146.810	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	149682	81.770	ng	99
3) Pyridine	3.375	79	427549	83.719	ng	99
4) n-Nitrosodimethylamine	3.346	42	224403	84.122	ng	98
6) Aniline	6.545	93	532078	74.439	ng	98
8) 2-Chlorophenol	6.663	128	333730	76.859	ng	100
9) Benzaldehyde	6.428	77	189297	66.820	ng	97
10) Phenol	6.528	94	441818	72.080	ng	78
11) bis(2-Chloroethyl)ether	6.616	93	348844	78.104	ng	99
12) 1,3-Dichlorobenzene	6.816	146	406743	75.913	ng	97
13) 1,4-Dichlorobenzene	6.892	146	405797	75.597	ng	99
14) 1,2-Dichlorobenzene	7.045	146	389053	75.617	ng	99
15) Benzyl Alcohol	7.022	79	317271	79.866	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	620126	75.396	ng	88
17) 2-Methylphenol	7.128	107	265517	76.865	ng	99
18) Hexachloroethane	7.386	117	139795	78.387	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	249355	75.502	ng	98
20) 3+4-Methylphenols	7.287	107	299182	73.473	ng	97
22) Acetophenone	7.292	105	409610	72.994	ng	94
24) Nitrobenzene	7.463	77	385188	78.328	ng	98
25) Isophorone	7.704	82	689837	80.522	ng	99
26) 2-Nitrophenol	7.775	139	194869	80.050	ng	94
27) 2,4-Dimethylphenol	7.816	122	287607	78.826	ng	96
28) bis(2-Chloroethoxy)met...	7.910	93	407835	76.234	ng	97
29) 2,4-Dichlorophenol	8.022	162	311260	74.016	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	326475	75.604	ng	97
31) Naphthalene	8.186	128	920731	73.994	ng	99
32) Benzoic acid	7.951	122	213364	79.777	ng	97
33) 4-Chloroaniline	8.233	127	341033	75.146	ng	97
34) Hexachlorobutadiene	8.298	225	249435	76.645	ng	98
35) Caprolactam	8.622	113	91899	79.765	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	290083	76.969	ng	98
37) 2-Methylnaphthalene	8.875	142	610532	73.386	ng	100
38) 1-Methylnaphthalene	8.975	142	586747	73.093	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	361014	74.631	ng	99
41) Hexachlorocyclopentadiene	9.028	237	146524	78.238	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	254681	77.355	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144176.D
 Acq On : 05 Nov 2025 16:49
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

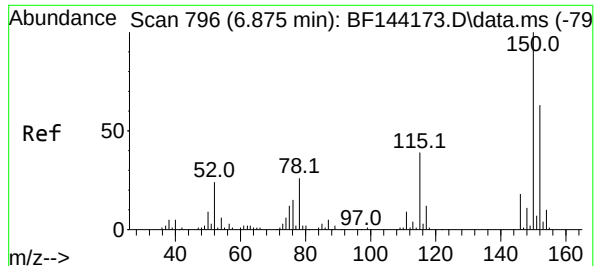
Quant Time: Nov 05 17:24:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	268940	75.791	ng	98
46) 1,1'-Biphenyl	9.339	154	749883	72.784	ng	99
47) 2-Chloronaphthalene	9.369	162	641521	72.995	ng	99
48) 2-Nitroaniline	9.463	65	203746	80.348	ng	98
49) Acenaphthylene	9.780	152	889410	74.264	ng	99
50) Dimethylphthalate	9.633	163	736477	75.318	ng	100
51) 2,6-Dinitrotoluene	9.704	165	156870	79.250	ng	98
52) Acenaphthene	9.951	154	594593	74.243	ng	99
53) 3-Nitroaniline	9.875	138	167110	77.230	ng	96
54) 2,4-Dinitrophenol	9.986	184	96727	80.924	ng	96
55) Dibenzofuran	10.128	168	802174	71.517	ng	98
56) 4-Nitrophenol	10.039	139	117050	74.782	ng	93
57) 2,4-Dinitrotoluene	10.110	165	208441	78.661	ng	95
58) Fluorene	10.469	166	618508	72.526	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	203523	81.067	ng	98
60) Diethylphthalate	10.339	149	686705	76.182	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	357010	73.492	ng	95
62) 4-Nitroaniline	10.498	138	158441	76.889	ng	98
63) Azobenzene	10.622	77	646943	77.117	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	134894	81.136	ng	96
66) n-Nitrosodiphenylamine	10.580	169	600791	76.327	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	246236	78.826	ng	97
68) Hexachlorobenzene	11.022	284	289823	78.769	ng	97
69) Atrazine	11.110	200	191862	76.645	ng	99
70) Pentachlorophenol	11.216	266	161918	88.373	ng	99
71) Phenanthrene	11.433	178	916773	75.238	ng	99
72) Anthracene	11.486	178	916037	73.934	ng	99
73) Carbazole	11.645	167	777702	73.816	ng	100
74) Di-n-butylphthalate	11.969	149	965695	75.822	ng	100
75) Fluoranthene	12.627	202	937436	74.476	ng	99
77) Benzidine	12.751	184	347077	74.828	ng	99
78) Pyrene	12.857	202	943190	74.600	ng	99
80) Butylbenzylphthalate	13.474	149	344575	78.633	ng	99
81) Benzo(a)anthracene	14.051	228	856602	78.818	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	301919	81.046	ng	97
83) Chrysene	14.086	228	792397	78.982	ng	97
84) Bis(2-ethylhexyl)phtha...	14.033	149	479285	79.898	ng	99
85) Di-n-octyl phthalate	14.645	149	855486	82.657	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	1215637	79.403	ng	99
88) Benzo(b)fluoranthene	15.110	252	975518	80.454	ng	99
89) Benzo(k)fluoranthene	15.145	252	870791	76.728	ng	98
90) Benzo(a)pyrene	15.486	252	877623	78.458	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	970735	78.952	ng	98
92) Benzo(g,h,i)perylene	17.521	276	981387	80.827	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

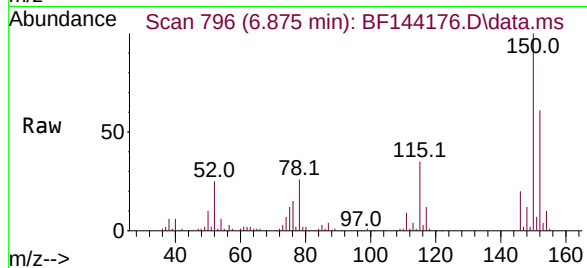
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

[illegible]

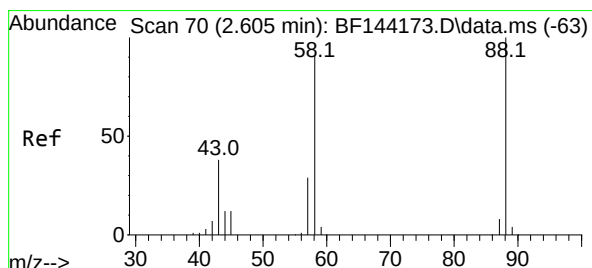
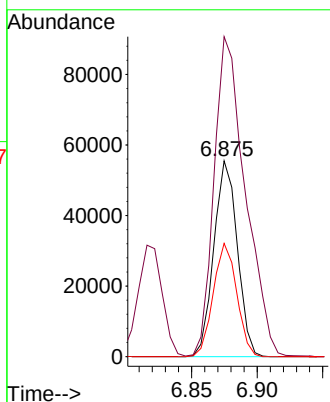
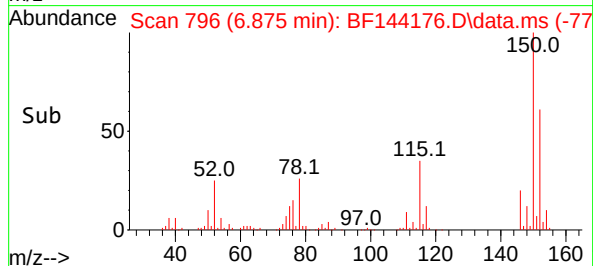


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

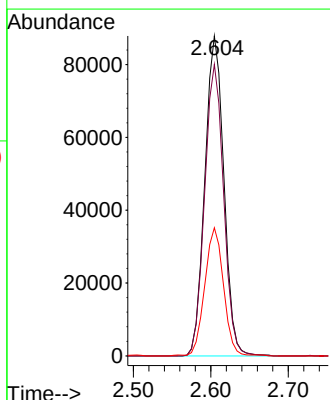
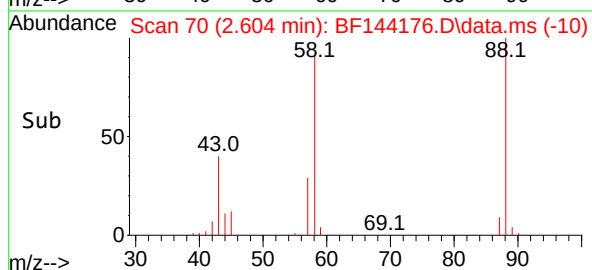
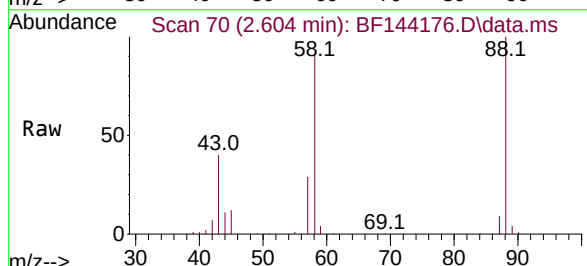


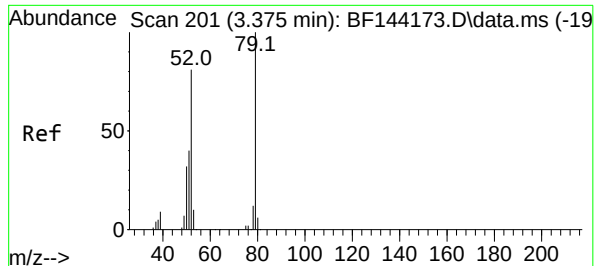
Tgt Ion:152 Resp: 69287
Ion Ratio Lower Upper
152 100
150 163.4 127.4 191.0
115 57.8 49.5 74.3



#2
1,4-Dioxane
Concen: 81.770 ng
RT: 2.604 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 88 Resp: 149682
Ion Ratio Lower Upper
88 100
58 91.2 73.1 109.7
43 39.7 31.0 46.6





#3

Pyridine

Concen: 83.719 ng

RT: 3.375 min Scan# 201

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

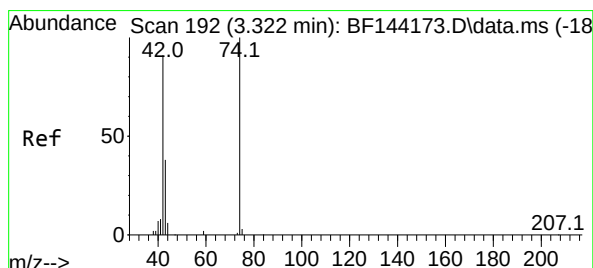
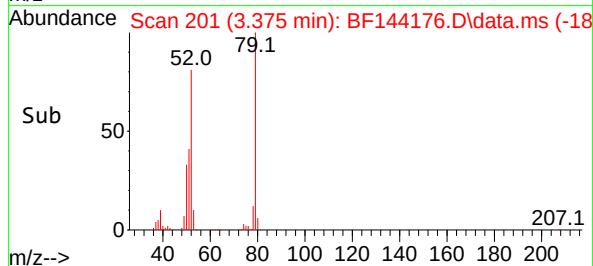
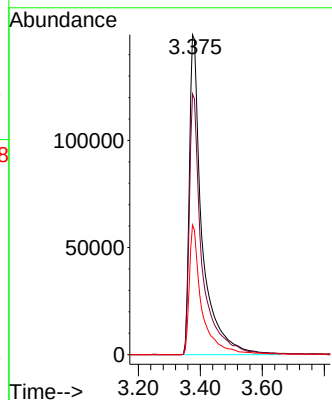
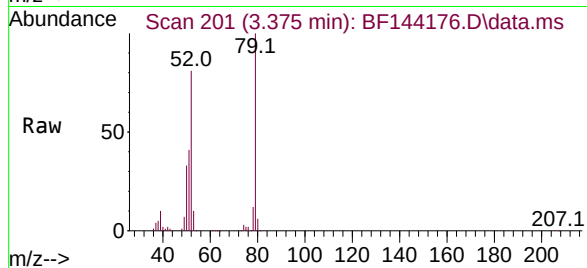
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 427549

Ion	Ratio	Lower	Upper
79	100		
52	81.5	64.5	96.7
51	40.5	31.7	47.5



#4

n-Nitrosodimethylamine

Concen: 84.122 ng

RT: 3.346 min Scan# 196

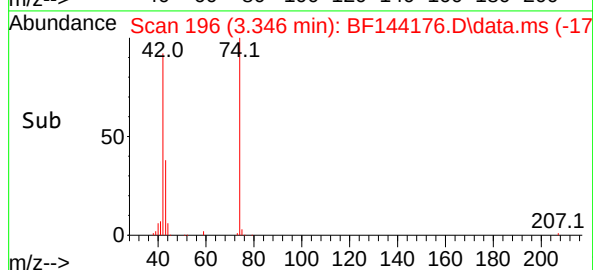
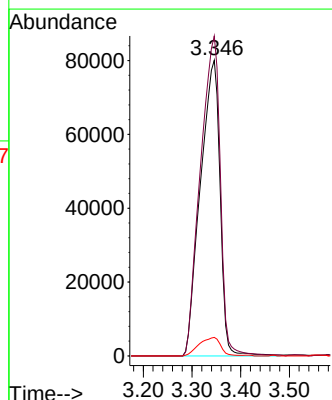
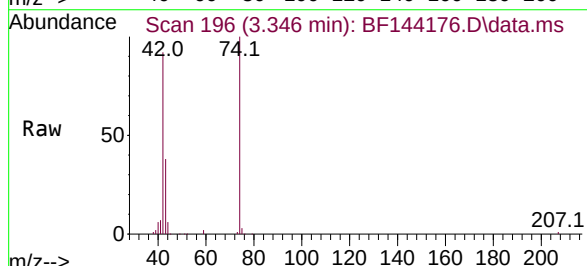
Delta R.T. 0.000 min

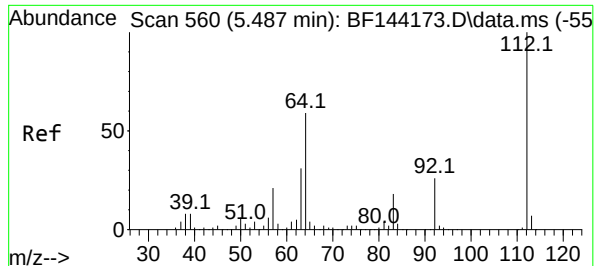
Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion: 42 Resp: 224403

Ion	Ratio	Lower	Upper
42	100		
74	108.2	88.2	132.4
44	6.2	5.7	8.5

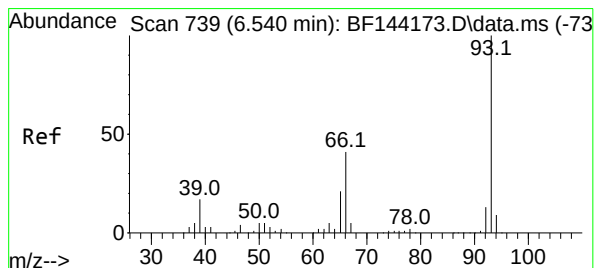
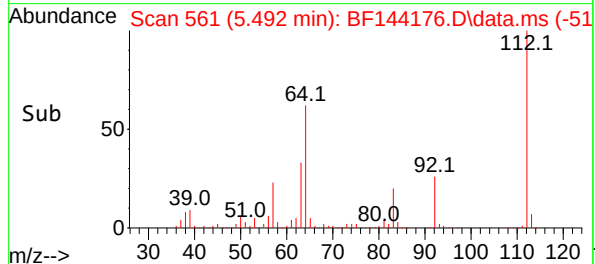
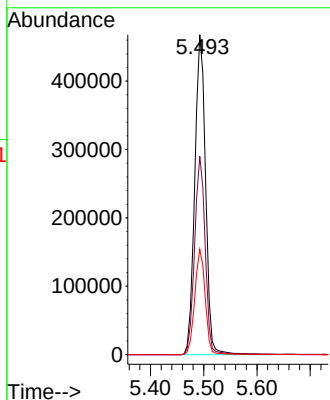
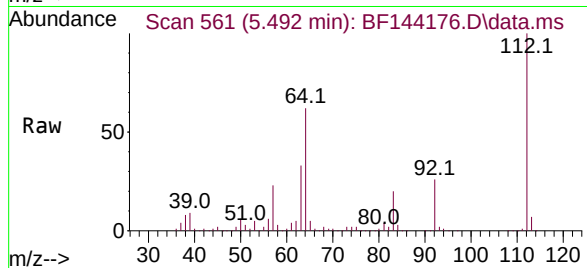




#5
2-Fluorophenol
Concen: 149.317 ng
RT: 5.492 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

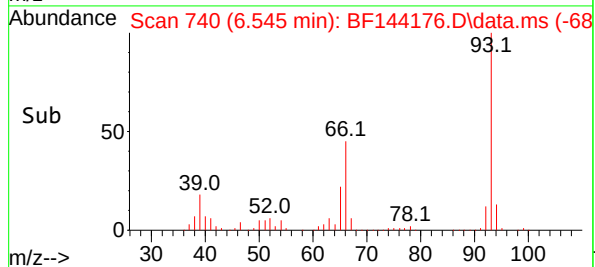
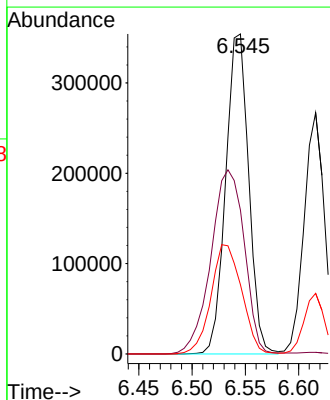
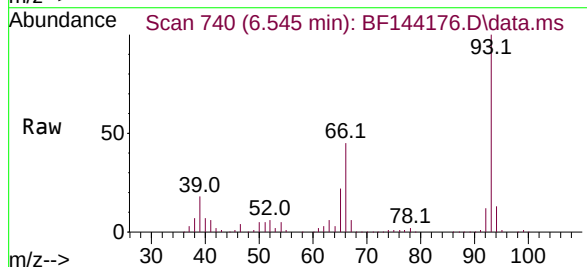
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

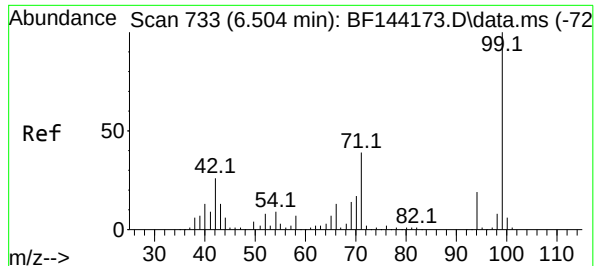
Tgt Ion:112 Resp: 661124
Ion Ratio Lower Upper
112 100
64 62.0 47.2 70.8
63 32.9 24.4 36.6



#6
Aniline
Concen: 74.439 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 93 Resp: 532078
Ion Ratio Lower Upper
93 100
66 44.9 34.3 51.5
65 21.6 16.9 25.3

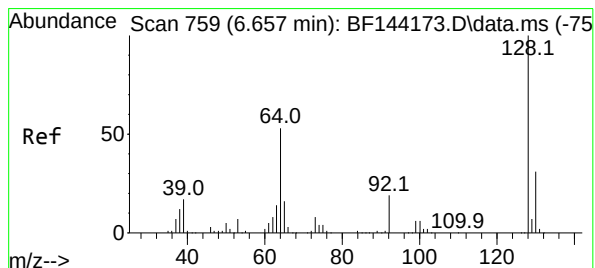
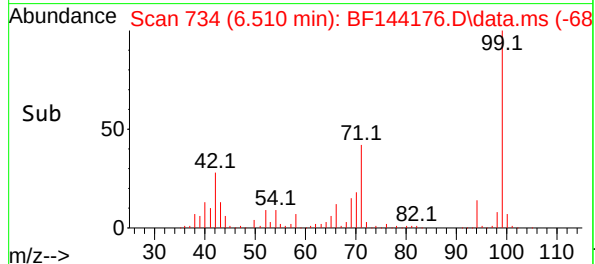
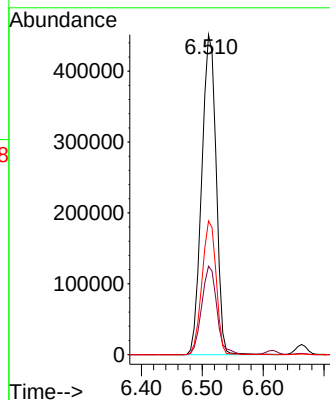
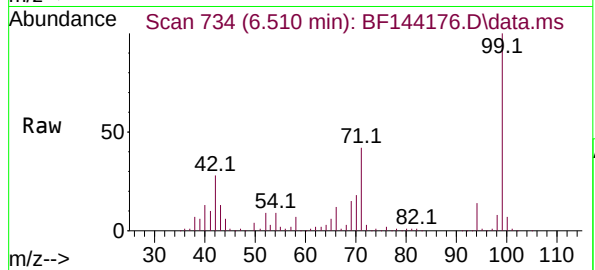




#7
Phenol-d6
Concen: 147.919 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

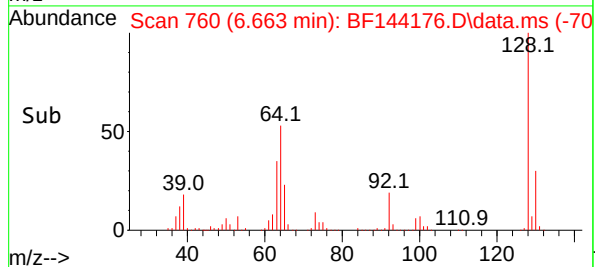
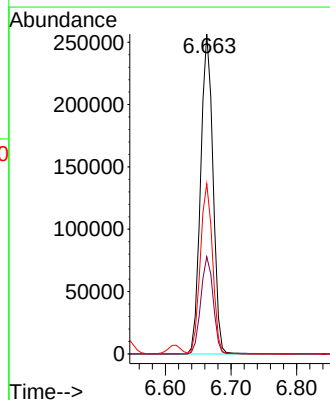
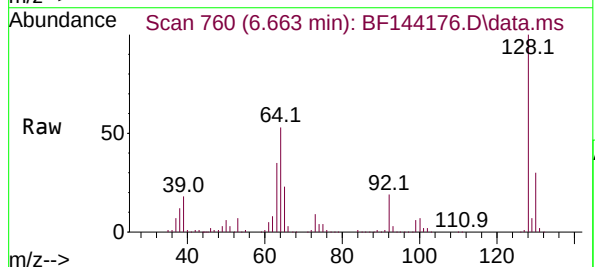
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

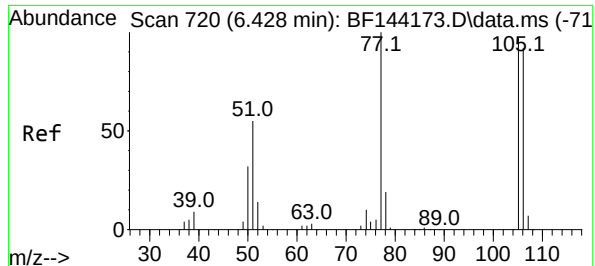
Tgt Ion: 99 Resp: 742089
Ion Ratio Lower Upper
99 100
42 27.6 20.9 31.3
71 41.8 31.4 47.2



#8
2-Chlorophenol
Concen: 76.859 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 128 Resp: 333730
Ion Ratio Lower Upper
128 100
130 30.4 10.5 50.5
64 53.2 33.2 73.2





#9

Benzaldehyde

Concen: 66.820 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

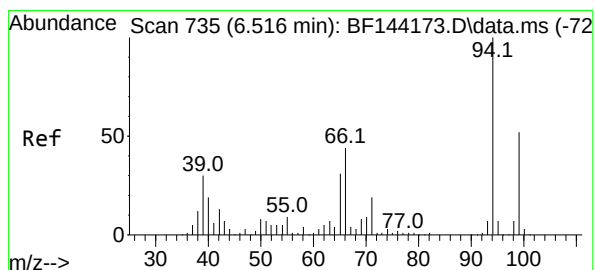
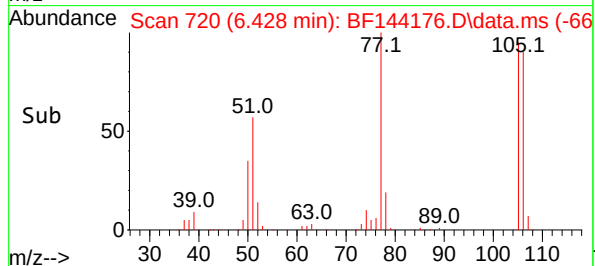
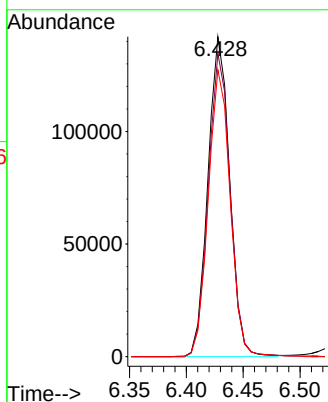
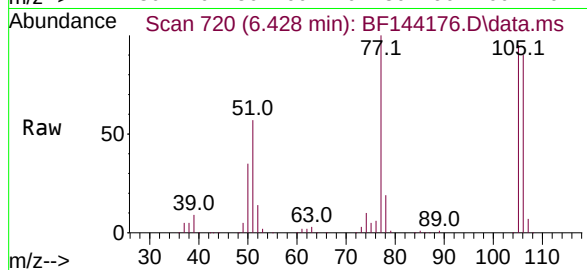
Tgt Ion: 77 Resp: 189297

Ion Ratio Lower Upper

77 100

105 94.7 77.2 117.2

106 89.6 72.2 112.2



#10

Phenol

Concen: 72.080 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

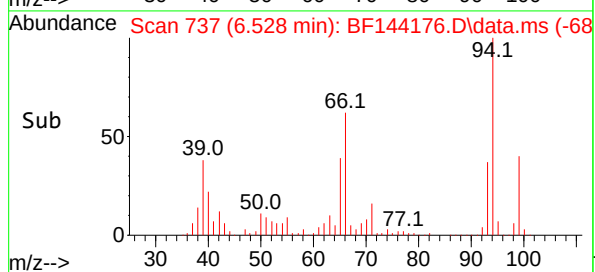
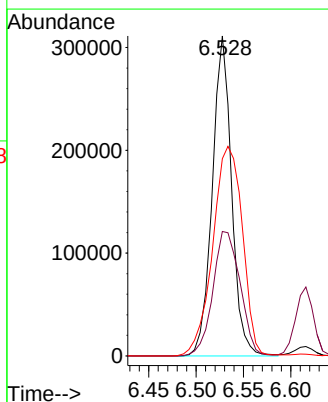
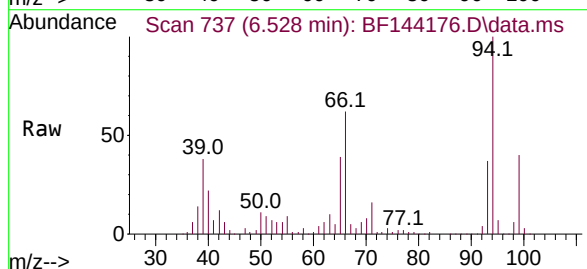
Tgt Ion: 94 Resp: 441818

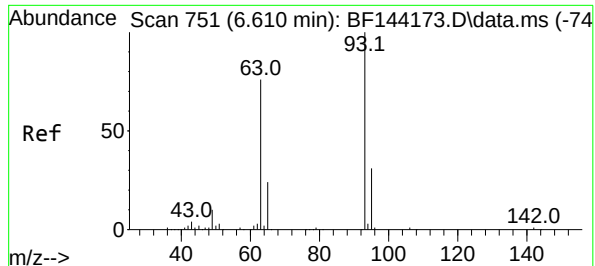
Ion Ratio Lower Upper

94 100

65 38.9 10.8 50.8

66 61.6 24.3 64.3





#11

bis(2-Chloroethyl)ether

Concen: 78.104 ng

RT: 6.616 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

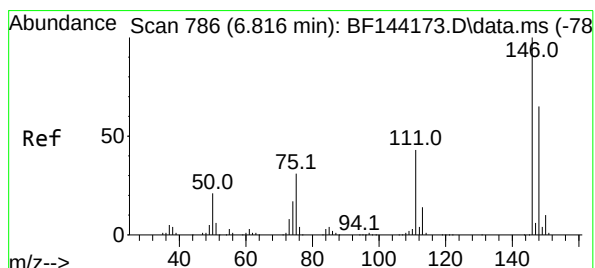
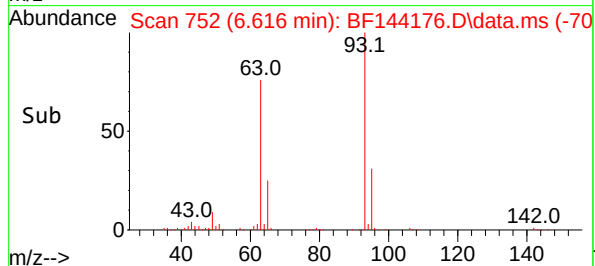
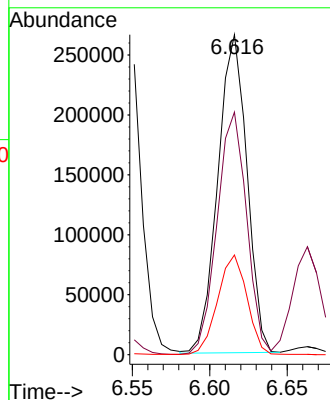
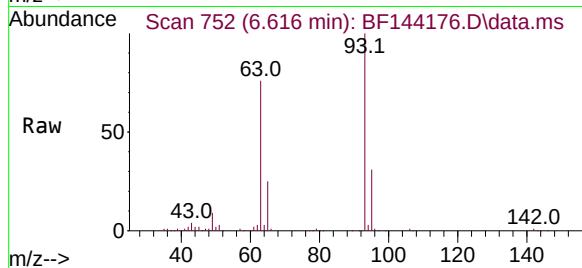
Tgt Ion: 93 Resp: 348844

Ion Ratio Lower Upper

93 100

63 75.8 55.2 95.2

95 31.1 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 75.913 ng

RT: 6.816 min Scan# 786

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

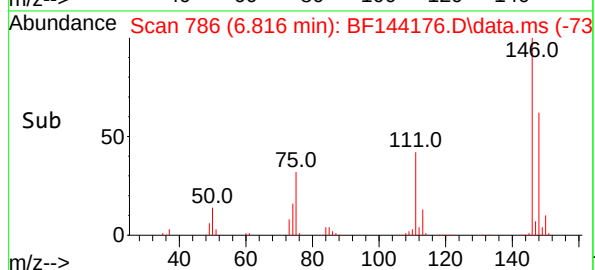
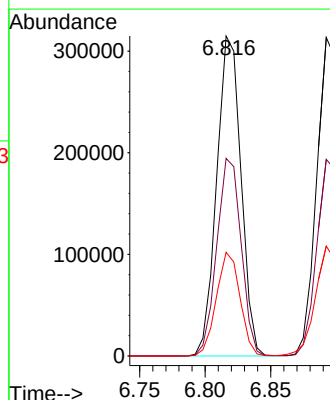
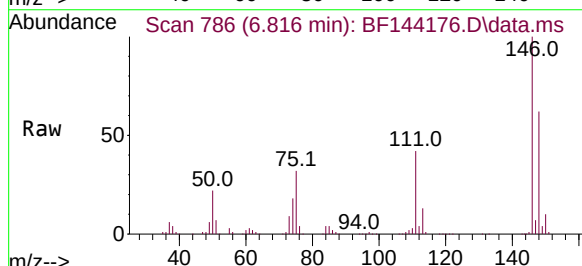
Tgt Ion:146 Resp: 406743

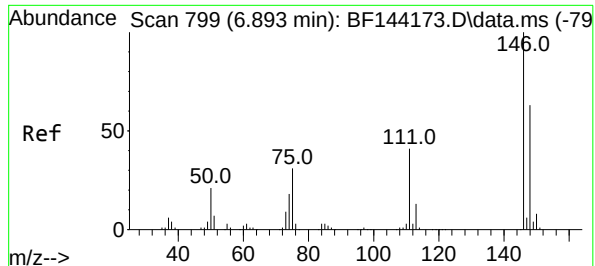
Ion Ratio Lower Upper

146 100

148 61.7 51.8 77.8

75 32.4 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 75.597 ng

RT: 6.892 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

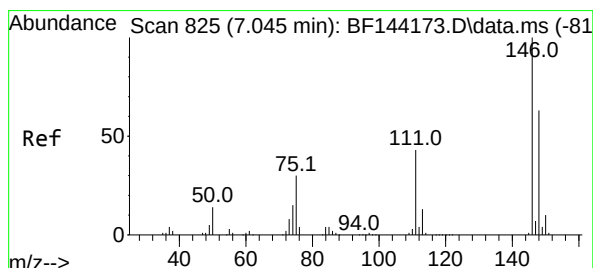
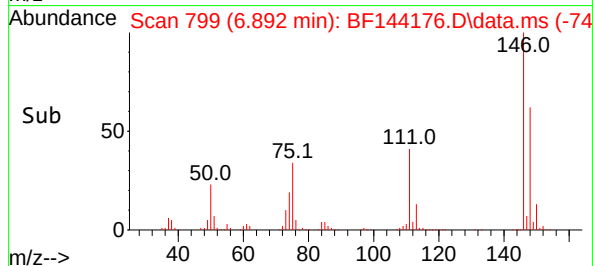
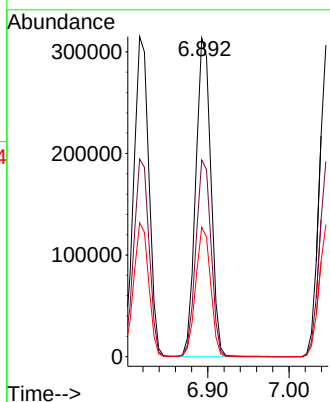
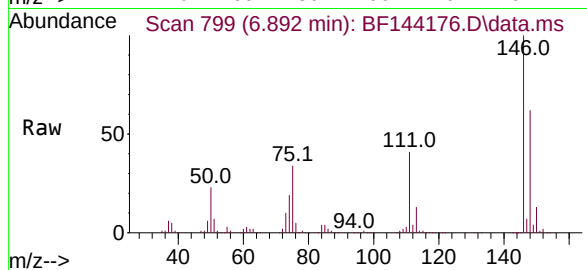
Tgt Ion:146 Resp: 405797

Ion Ratio Lower Upper

146 100

148 61.7 50.2 75.2

111 40.6 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 75.617 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

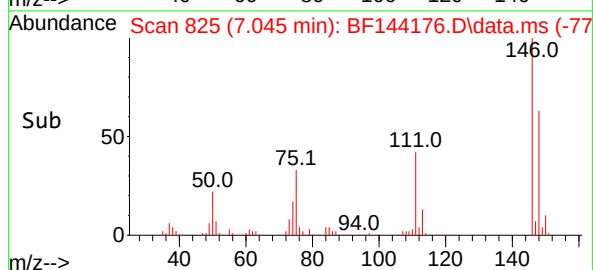
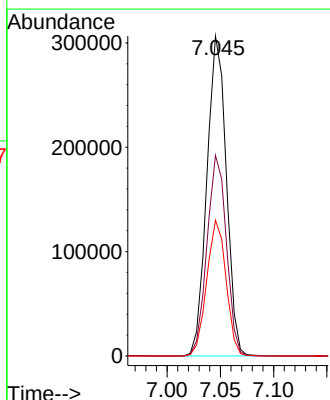
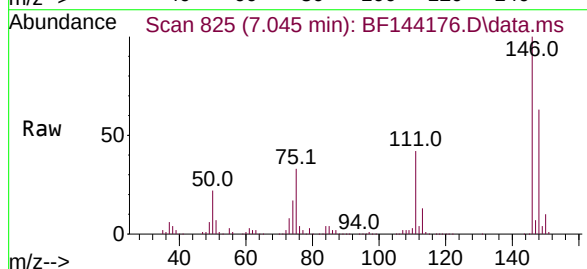
Tgt Ion:146 Resp: 389053

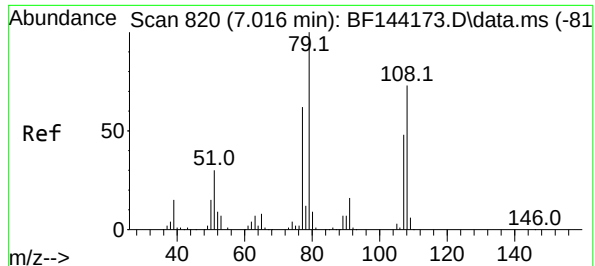
Ion Ratio Lower Upper

146 100

148 62.7 50.7 76.1

111 42.4 34.2 51.4

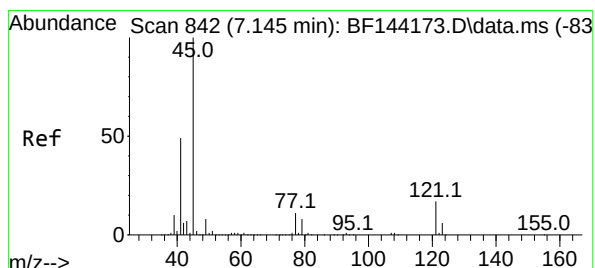
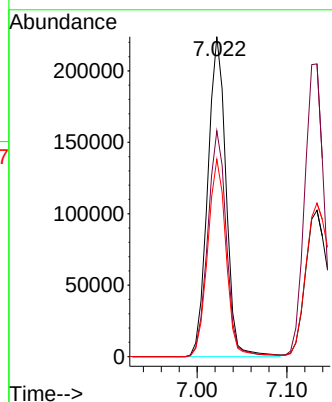
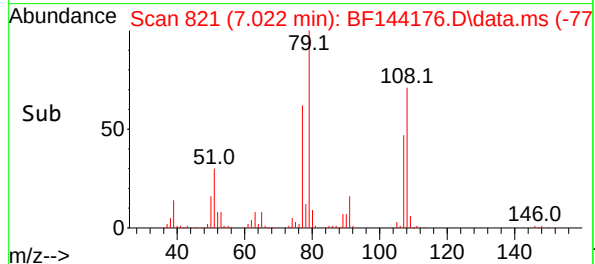
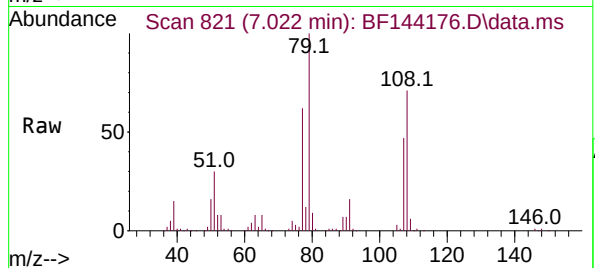




#15
Benzyl Alcohol
Concen: 79.866 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

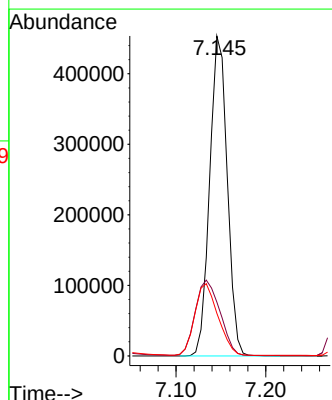
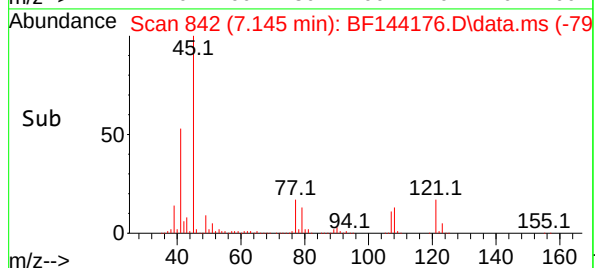
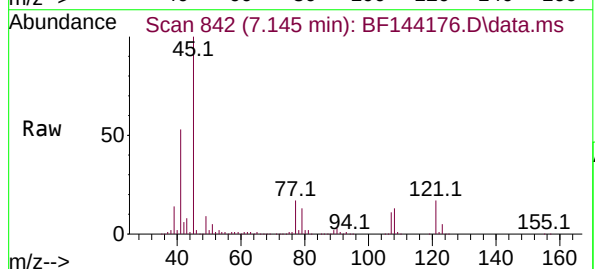
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

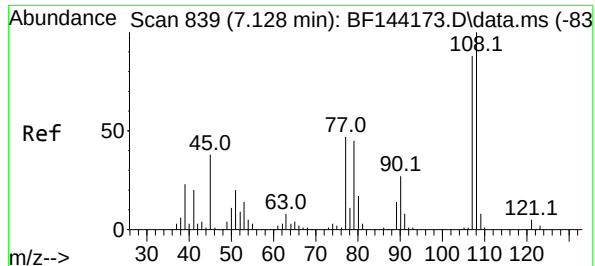
Tgt Ion: 79 Resp: 317271
Ion Ratio Lower Upper
79 100
108 70.6 58.2 87.4
77 61.7 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.396 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 45 Resp: 620126
Ion Ratio Lower Upper
45 100
77 16.8 0.0 31.8
79 13.3 0.0 29.1

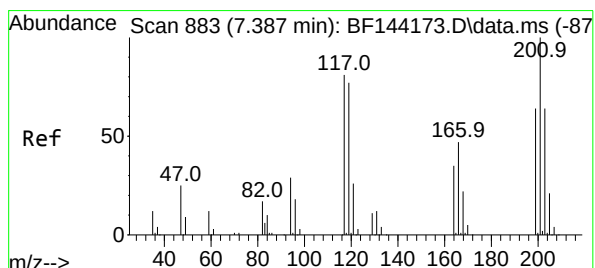
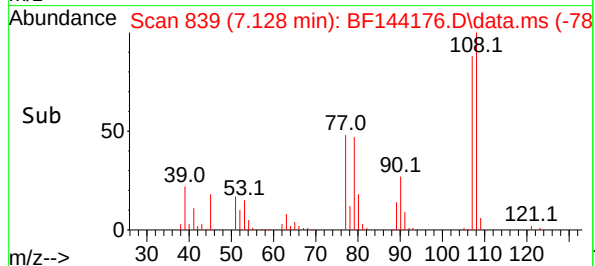
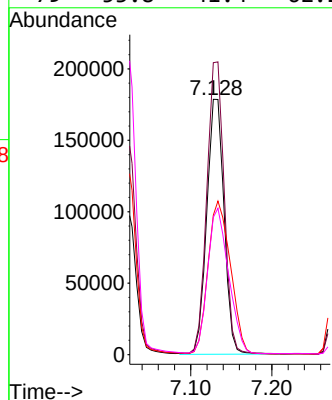
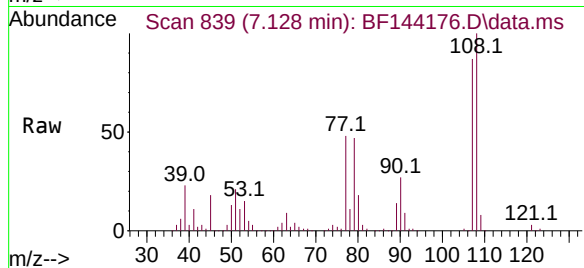




#17
2-Methylphenol
Concen: 76.865 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

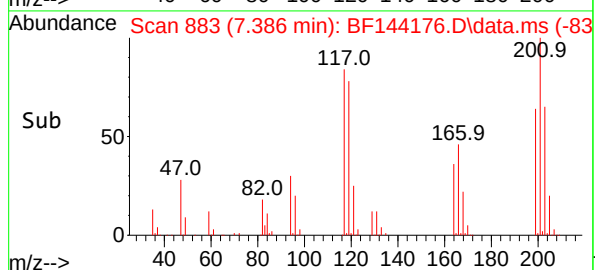
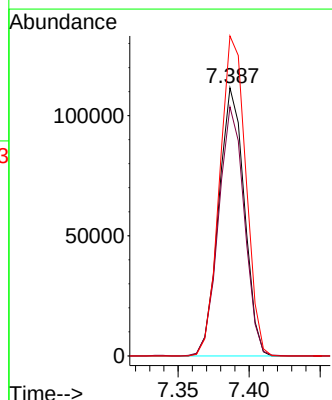
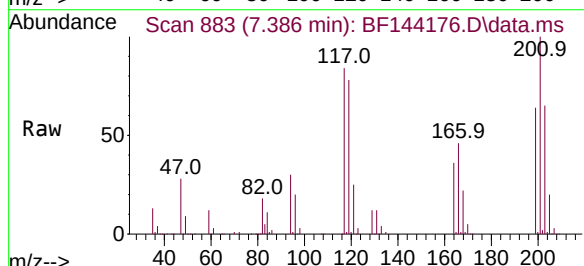
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

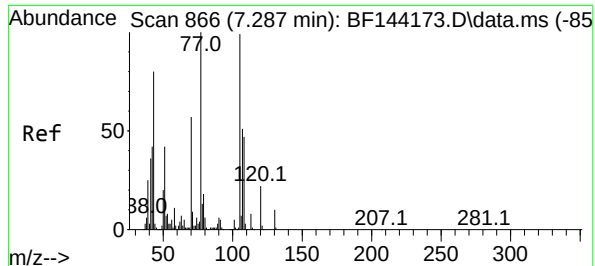
Tgt Ion:	107	Resp:	265517
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.0	136.4
77	54.6	42.7	64.1
79	53.8	41.4	62.2



#18
Hexachloroethane
Concen: 78.387 ng
RT: 7.386 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:	117	Resp:	139795
Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.8	113.8
201	119.4	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 75.502 ng

RT: 7.298 min Scan# 868

Delta R.T. 0.000 min

Lab File: BF144176.D

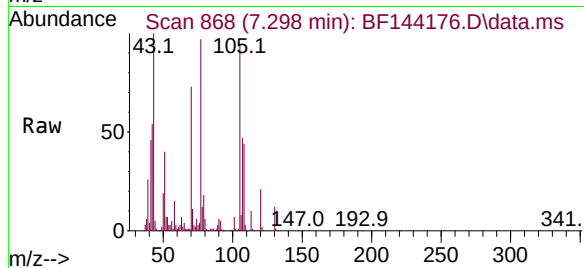
Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 70 Resp: 249355

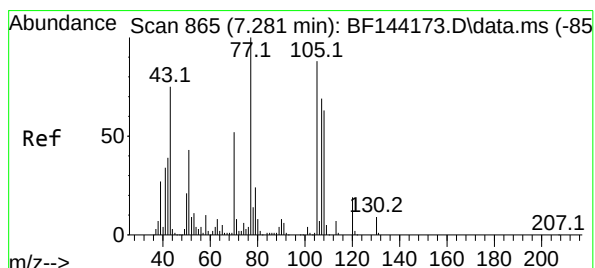
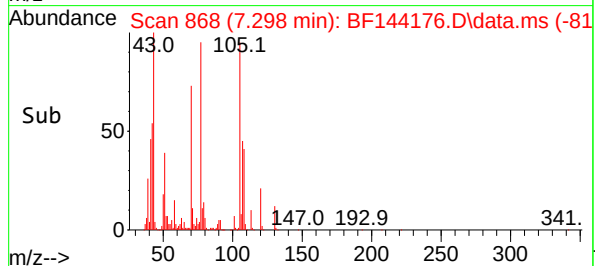
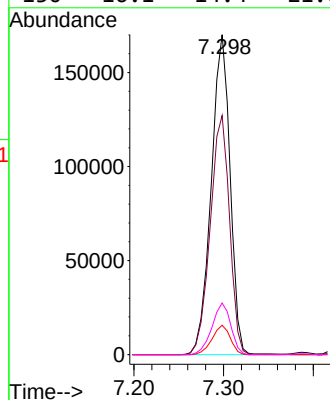
Ion Ratio Lower Upper

70 100

42 74.7 58.3 87.5

101 9.2 7.0 10.6

130 16.1 14.4 21.6



#20

3+4-Methylphenols

Concen: 73.473 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion: 107 Resp: 299182

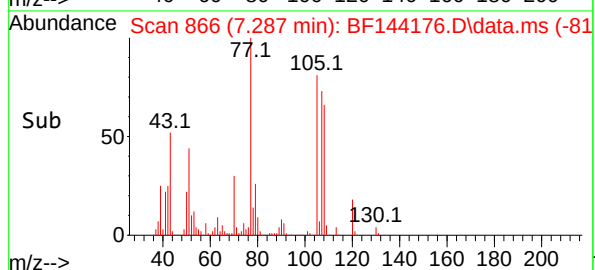
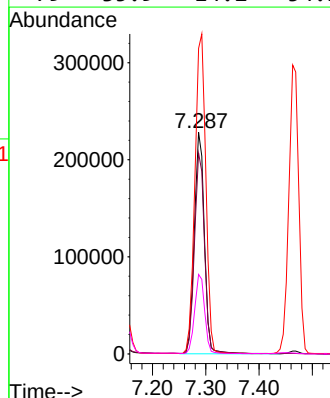
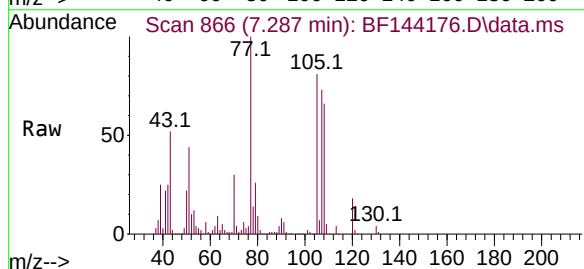
Ion Ratio Lower Upper

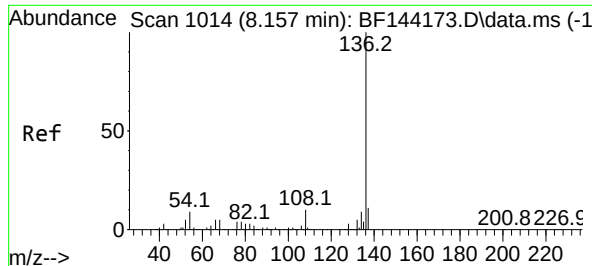
107 100

108 90.6 70.2 110.2

77 137.9 123.9 163.9

79 35.9 14.2 54.2

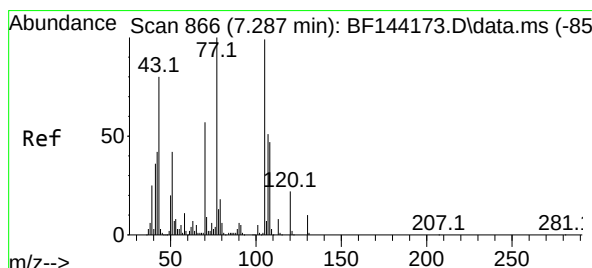
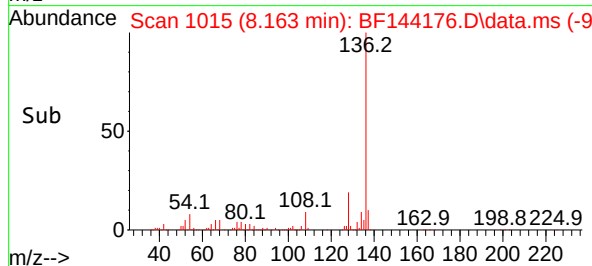
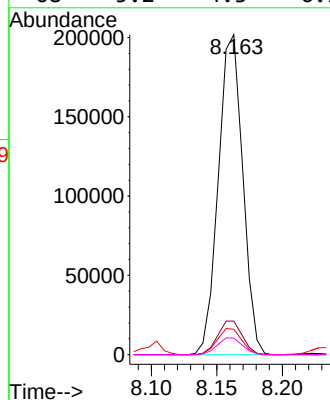
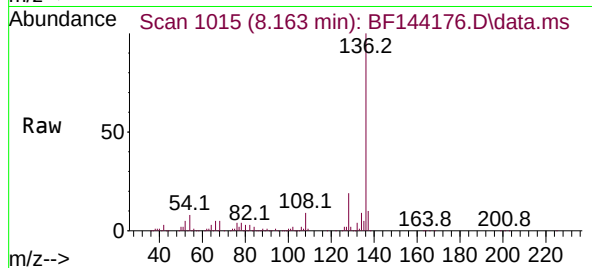




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

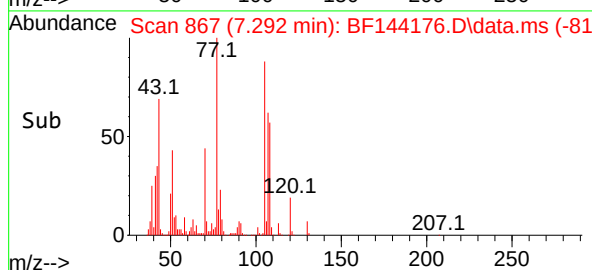
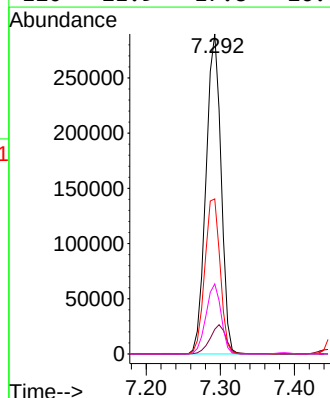
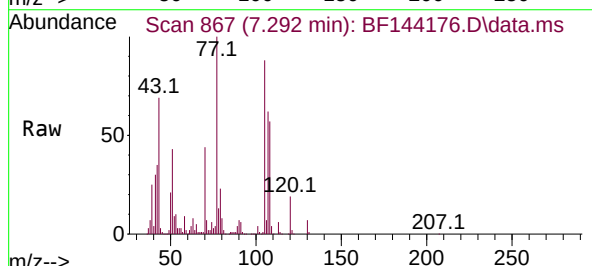
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

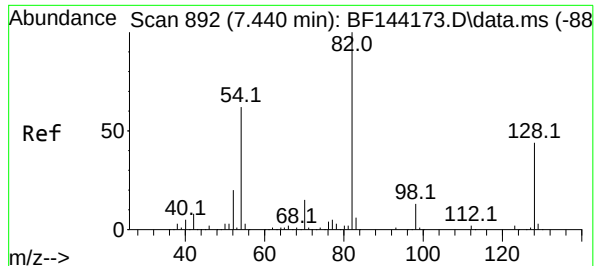
Tgt Ion:136 Resp: 261584
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.9 7.0 10.6
68 5.2 4.3 6.5



#22
Acetophenone
Concen: 72.994 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:105 Resp: 409610
Ion Ratio Lower Upper
105 100
71 7.7 7.2 10.8
51 48.4 34.0 51.0
120 21.9 17.8 26.6





#23

Nitrobenzene-d5

Concen: 156.207 ng

RT: 7.445 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

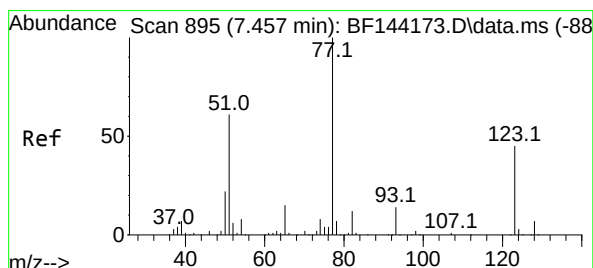
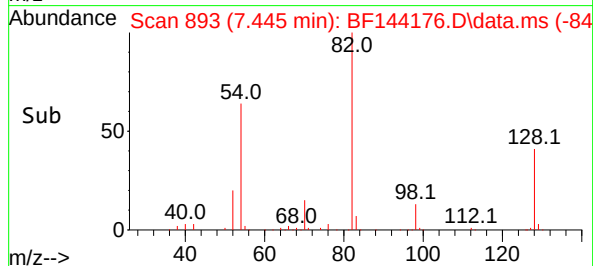
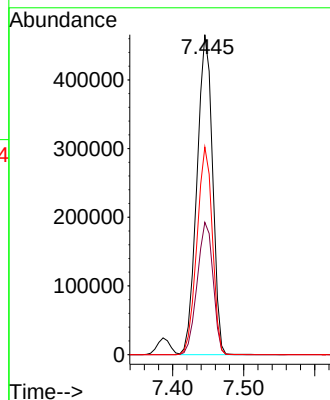
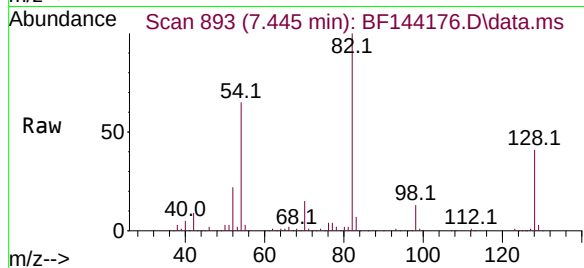
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 707494

Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.7	52.1
54	64.9	49.5	74.3



#24

Nitrobenzene

Concen: 78.328 ng

RT: 7.463 min Scan# 896

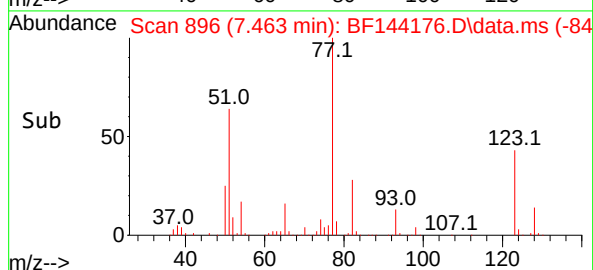
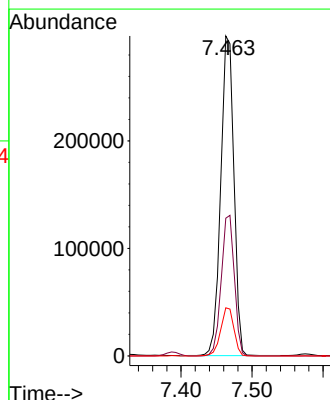
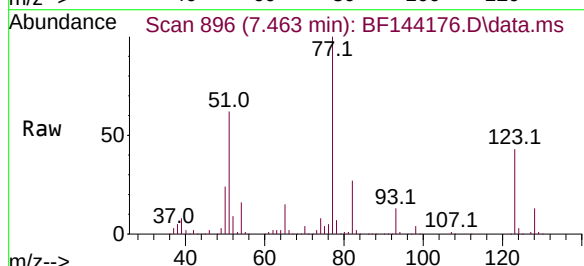
Delta R.T. 0.000 min

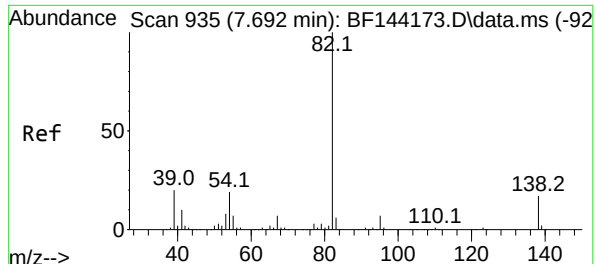
Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion: 77 Resp: 385188

Ion	Ratio	Lower	Upper
77	100		
123	43.0	35.8	53.8
65	15.0	12.2	18.2

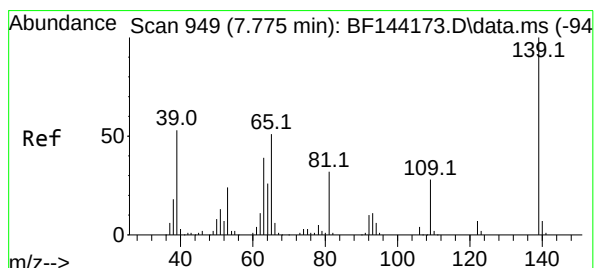
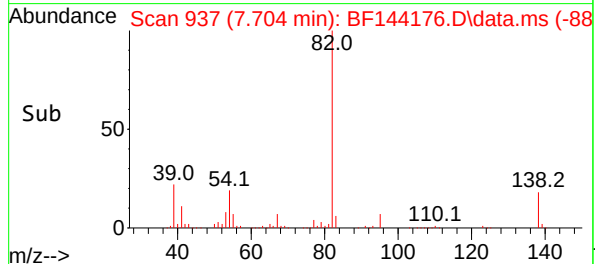
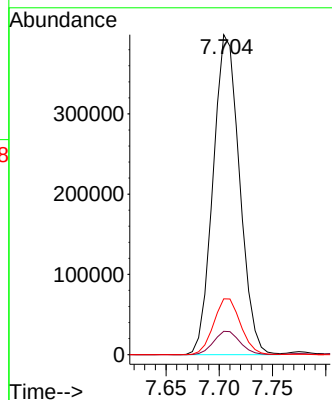
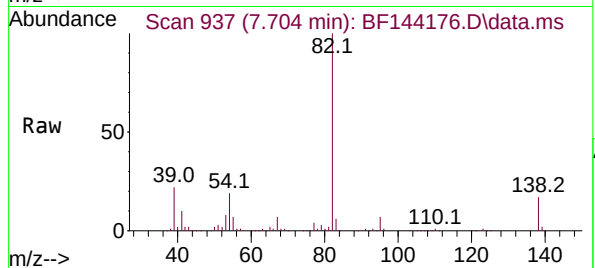




#25
Isophorone
Concen: 80.522 ng
RT: 7.704 min Scan# 937
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

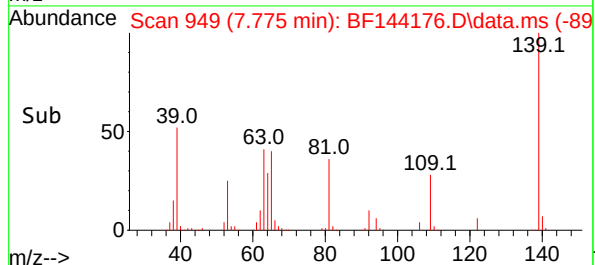
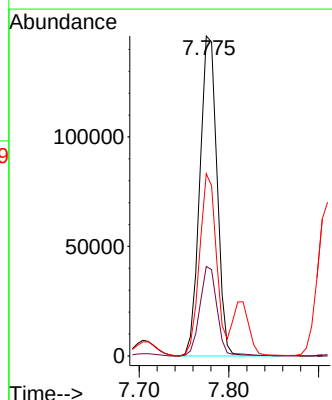
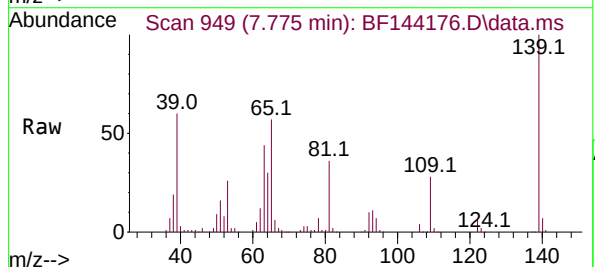
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

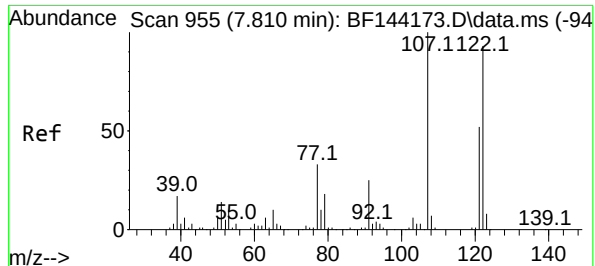
Tgt Ion: 82 Resp: 689837
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 17.4 13.7 20.5



#26
2-Nitrophenol
Concen: 80.050 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 139 Resp: 194869
Ion Ratio Lower Upper
139 100
109 27.9 22.2 33.2
65 56.9 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 78.826 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

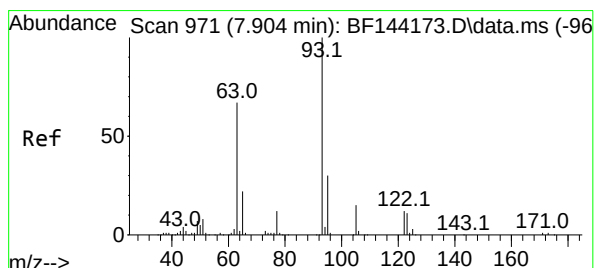
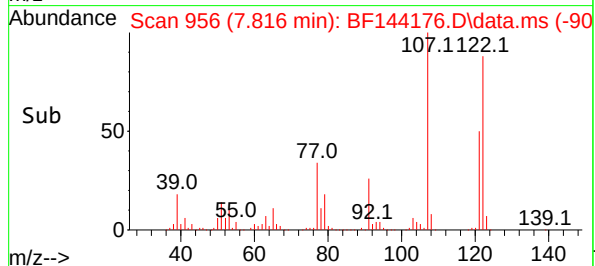
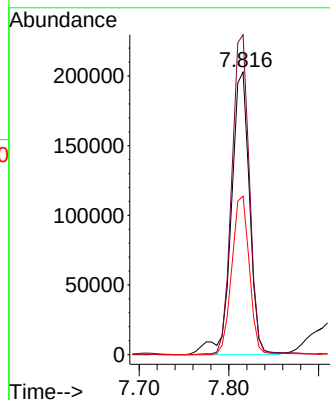
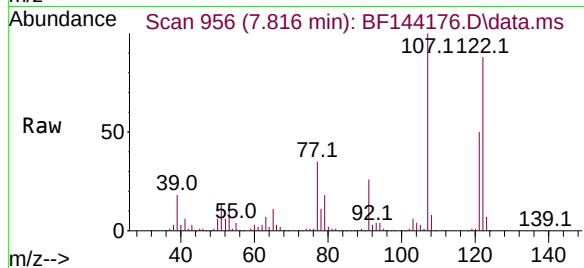
Tgt Ion:122 Resp: 287607

Ion Ratio Lower Upper

122 100

107 113.2 86.2 129.4

121 56.1 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 76.234 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

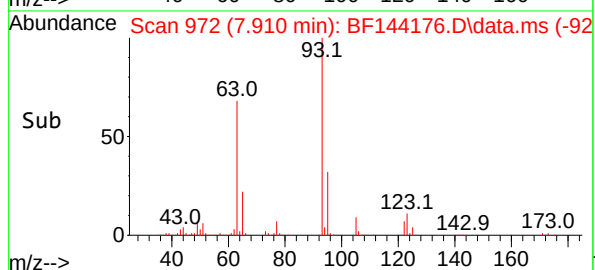
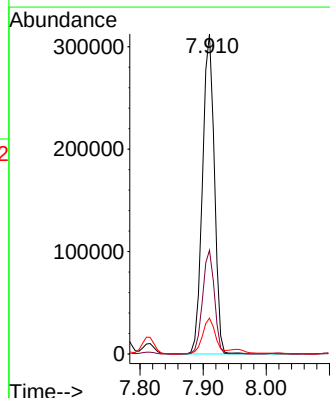
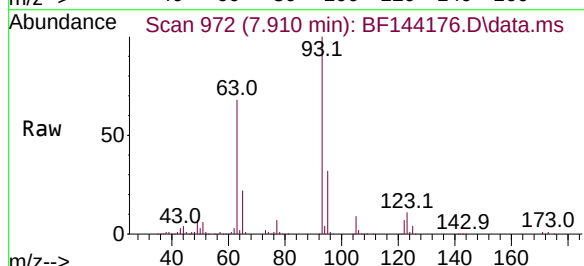
Tgt Ion: 93 Resp: 407835

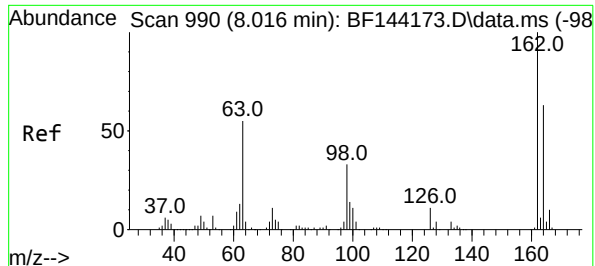
Ion Ratio Lower Upper

93 100

95 32.4 24.2 36.4

123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 74.016 ng

RT: 8.022 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

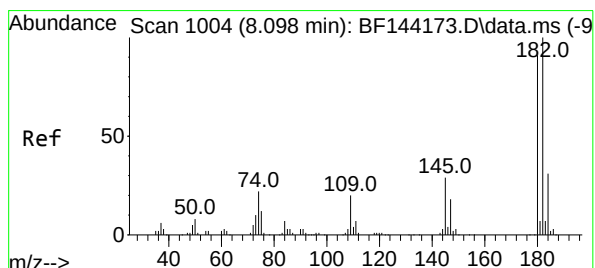
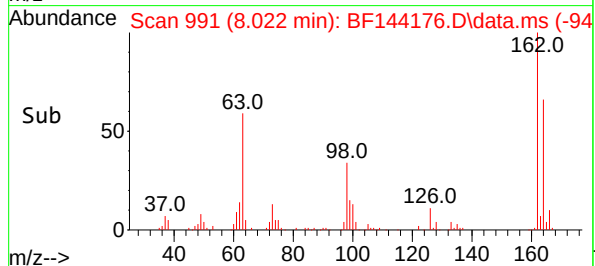
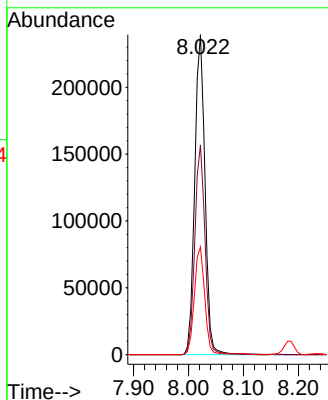
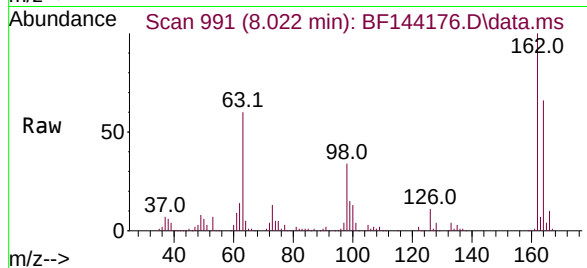
Tgt Ion:162 Resp: 311260

Ion Ratio Lower Upper

162 100

164 65.5 42.9 82.9

98 33.6 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 75.604 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

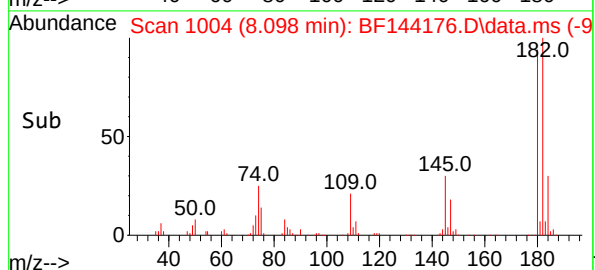
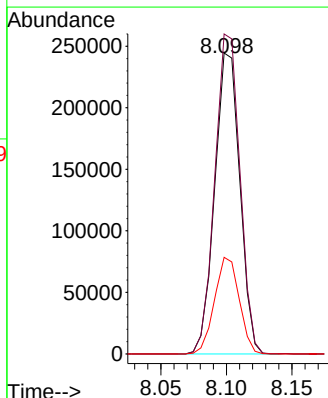
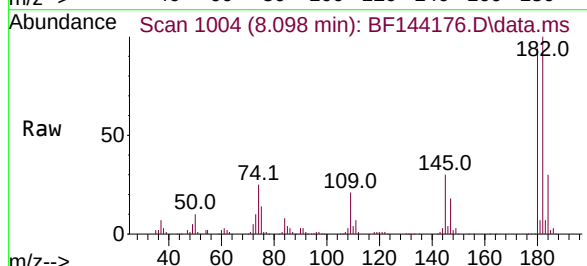
Tgt Ion:180 Resp: 326475

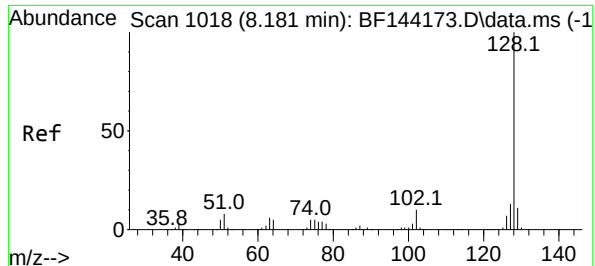
Ion Ratio Lower Upper

180 100

182 106.3 87.7 131.5

145 32.1 25.4 38.0

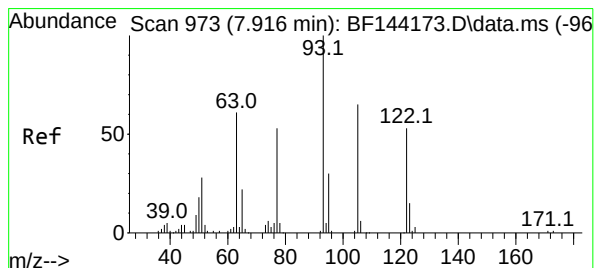
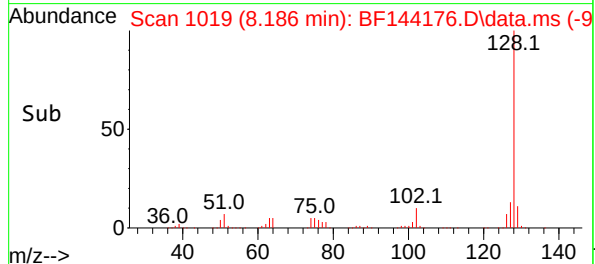
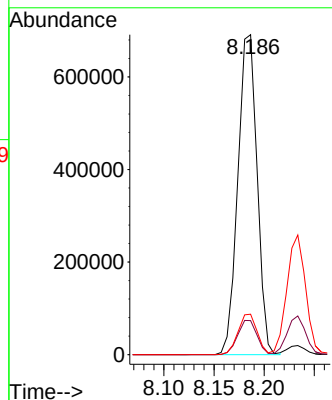
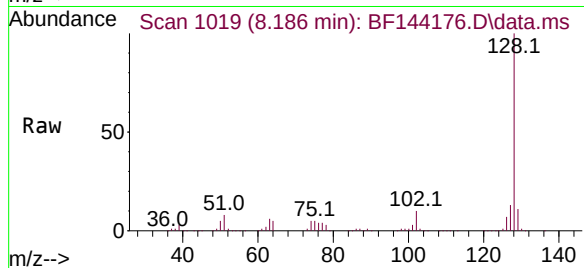




#31
Naphthalene
Concen: 73.994 ng
RT: 8.186 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

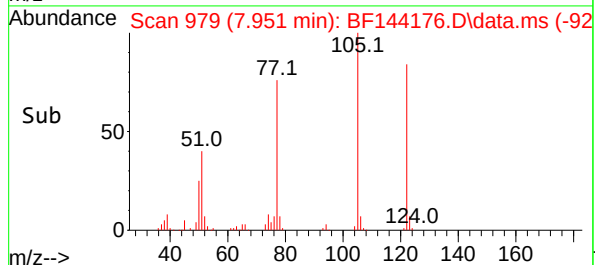
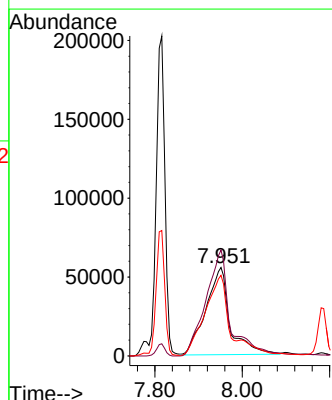
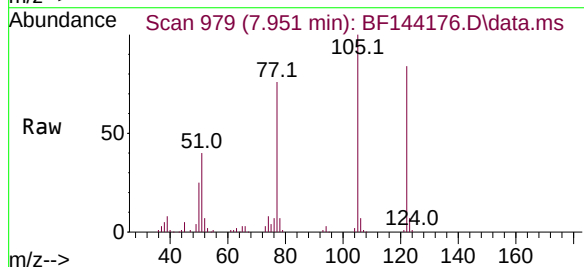
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

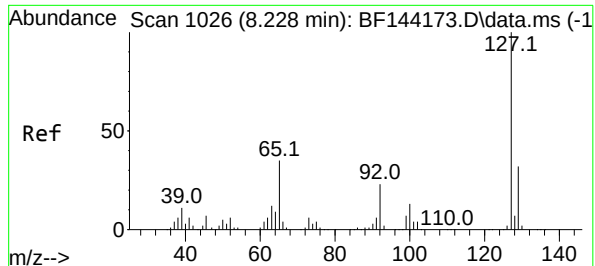
Tgt Ion:128 Resp: 920731
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 12.6 10.3 15.5



#32
Benzoic acid
Concen: 79.777 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:122 Resp: 213364
Ion Ratio Lower Upper
122 100
105 119.6 99.9 139.9
77 91.1 77.5 117.5

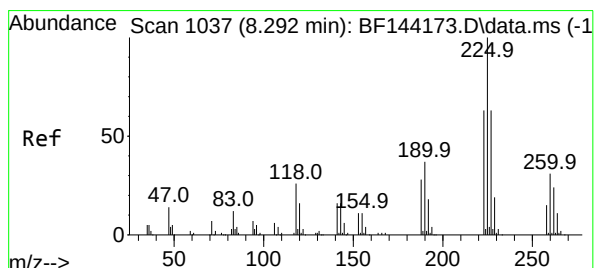
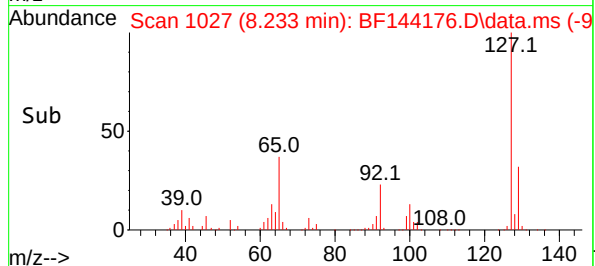
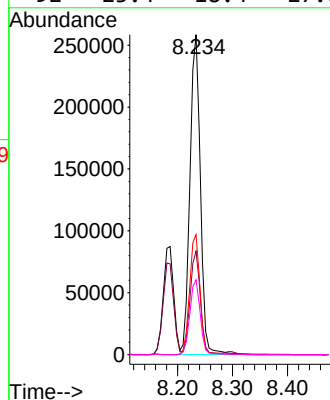
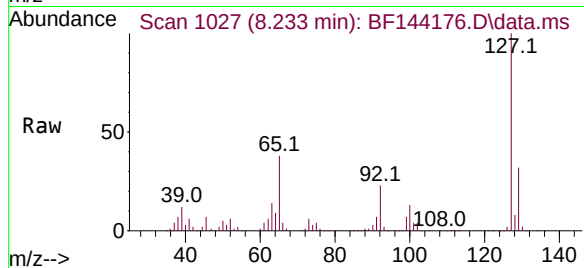




#33
4-Chloroaniline
Concen: 75.146 ng
RT: 8.233 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

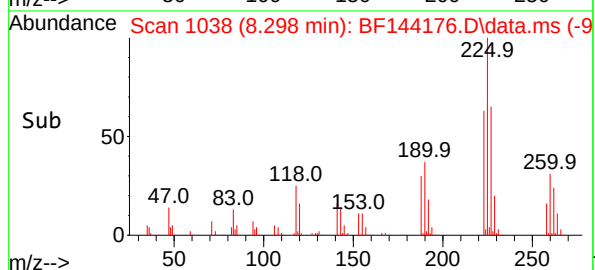
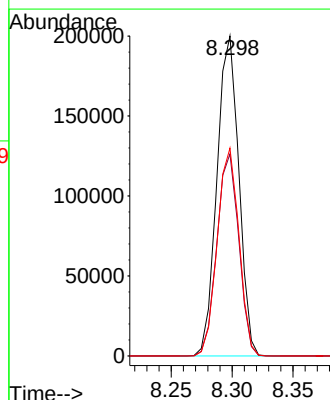
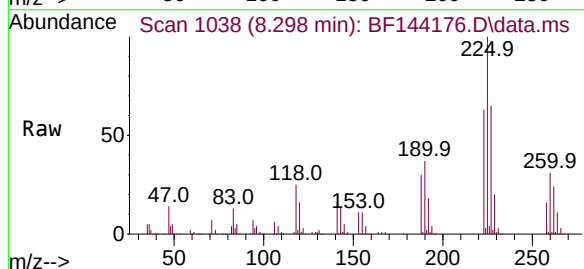
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

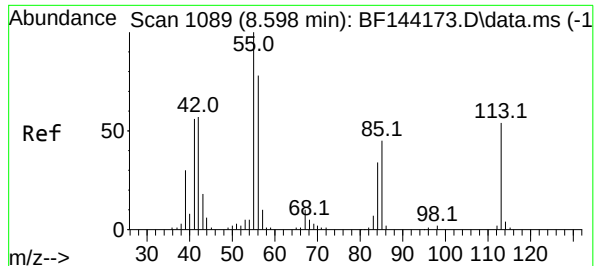
Tgt Ion:	127	Resp:	341033
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.3	37.9
65	37.5	27.6	41.4
92	23.4	18.4	27.6



#34
Hexachlorobutadiene
Concen: 76.645 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:	225	Resp:	249435
Ion Ratio	Lower	Upper	
225	100		
223	63.1	50.2	75.4
227	64.9	50.1	75.1





#35

Caprolactam

Concen: 79.765 ng

RT: 8.622 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

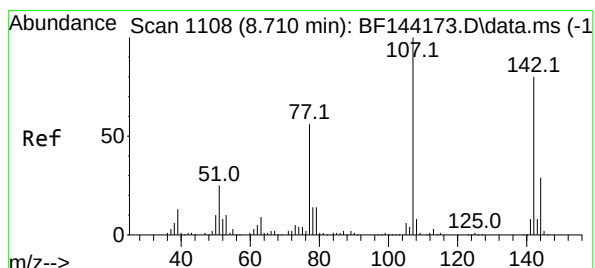
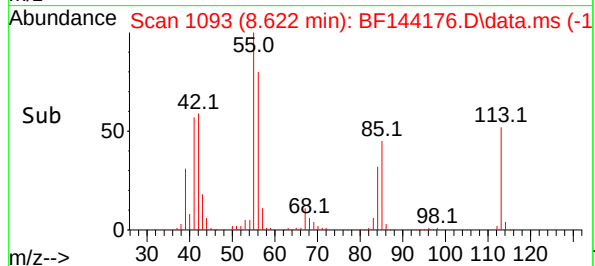
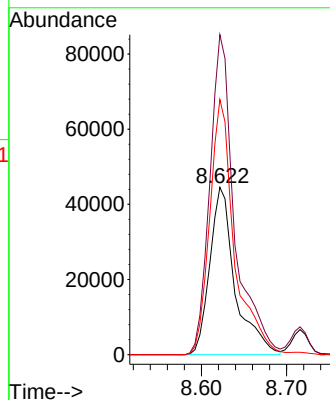
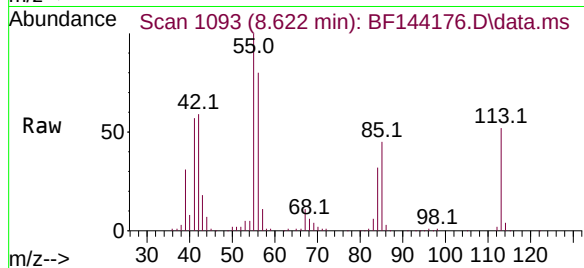
Tgt Ion:113 Resp: 91899

Ion Ratio Lower Upper

113 100

55 191.2 166.8 206.8

56 152.5 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 76.969 ng

RT: 8.716 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

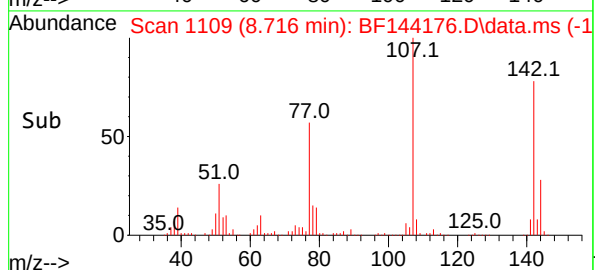
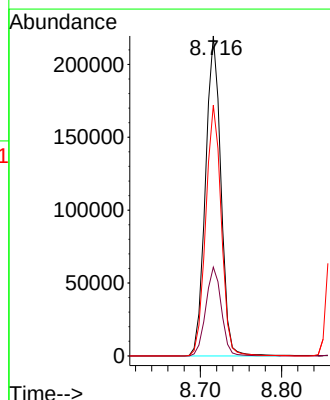
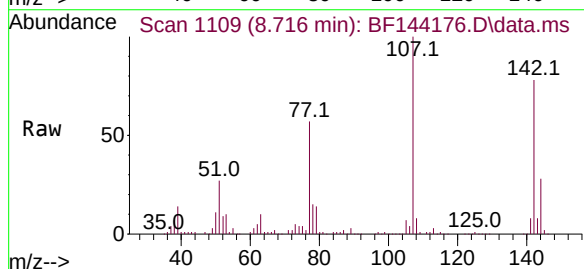
Tgt Ion:107 Resp: 290083

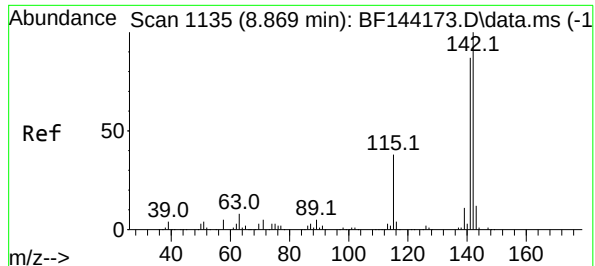
Ion Ratio Lower Upper

107 100

144 27.7 23.3 34.9

142 78.3 63.8 95.6





#37

2-Methylnaphthalene

Concen: 73.386 ng

RT: 8.875 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

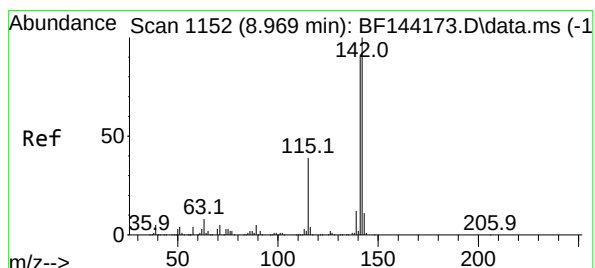
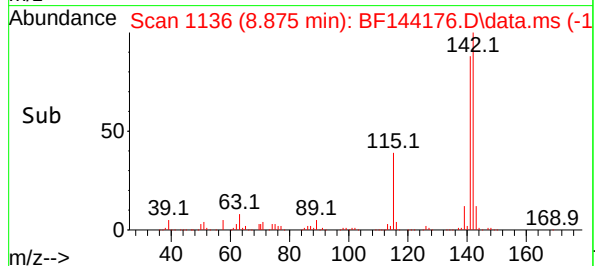
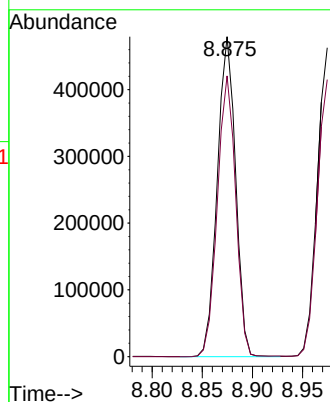
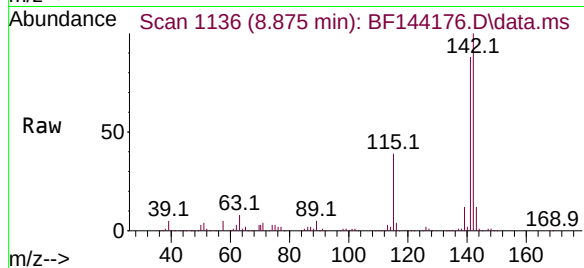
SSTDICC080

Tgt Ion:142 Resp: 610532

Ion Ratio Lower Upper

142 100

141 87.7 69.9 104.9



#38

1-Methylnaphthalene

Concen: 73.093 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144176.D

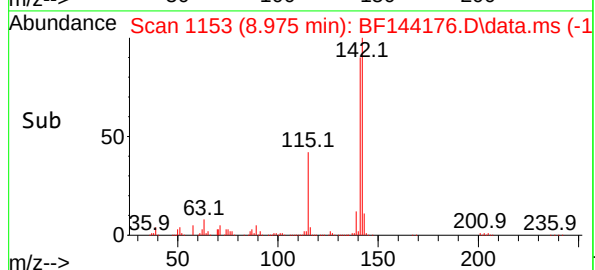
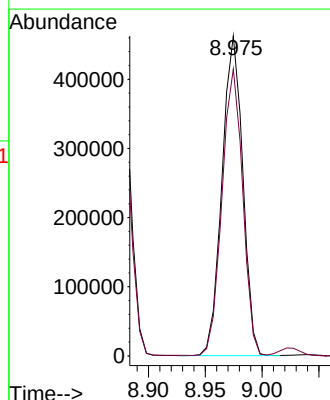
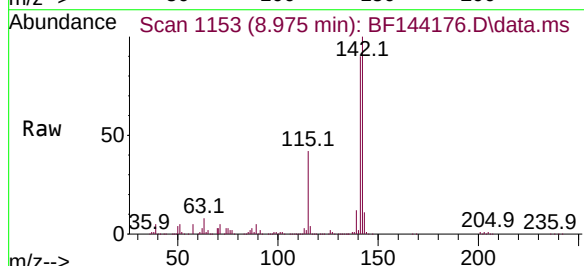
Acq: 05 Nov 2025 16:49

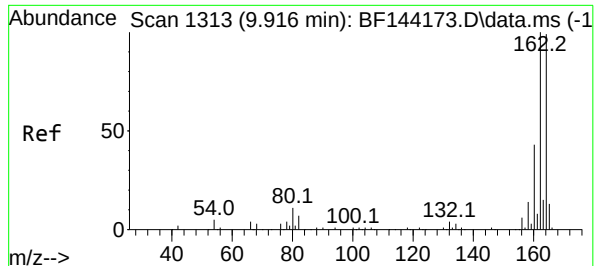
Tgt Ion:142 Resp: 586747

Ion Ratio Lower Upper

142 100

141 89.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

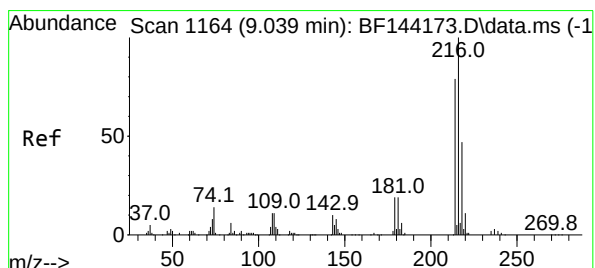
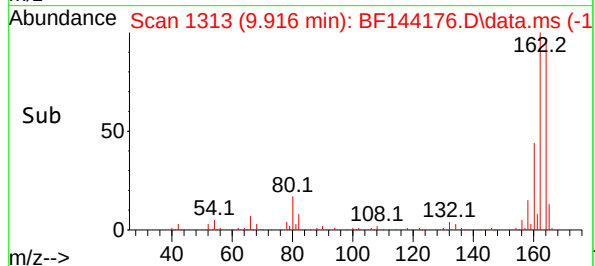
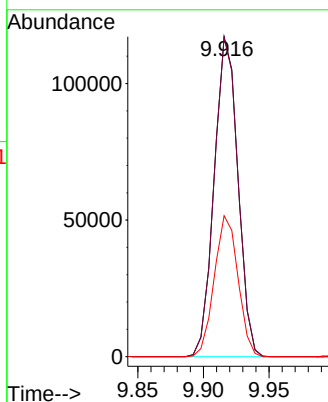
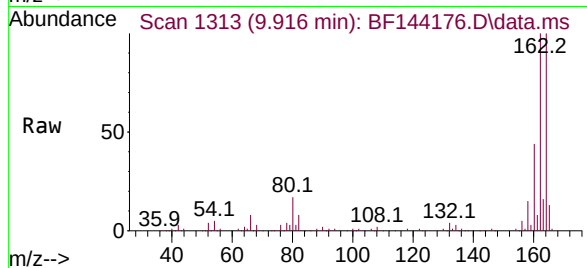
Tgt Ion:164 Resp: 147600

Ion Ratio Lower Upper

164 100

162 99.7 81.1 121.7

160 44.0 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 74.631 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion:216 Resp: 361014

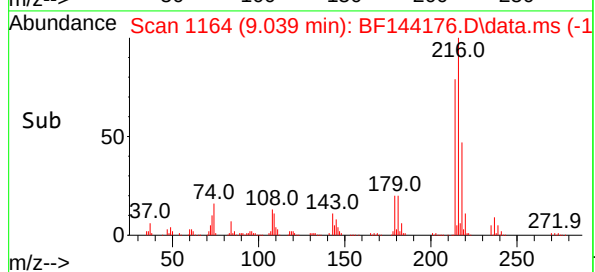
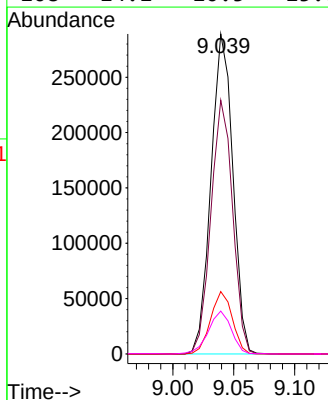
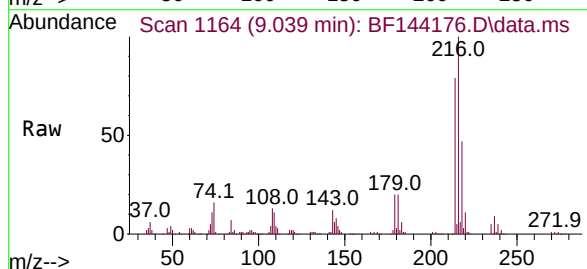
Ion Ratio Lower Upper

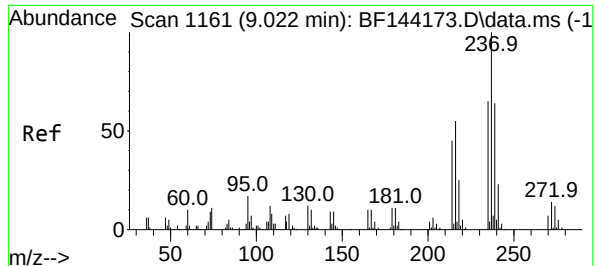
216 100

214 78.6 63.4 95.2

179 19.3 15.0 22.4

108 14.1 10.5 15.7

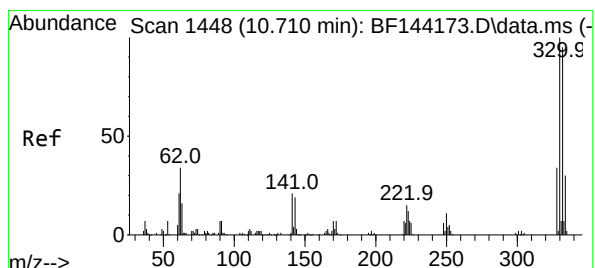
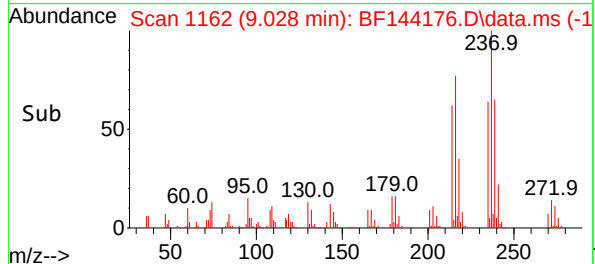
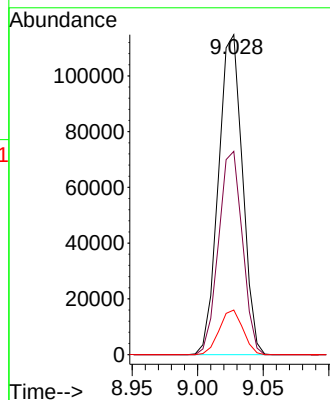
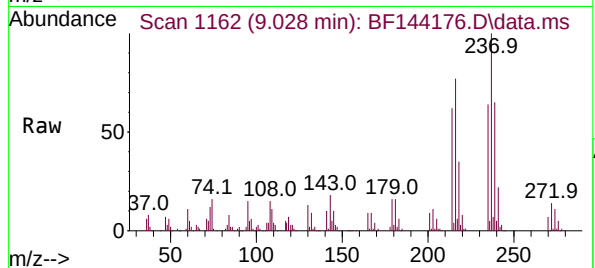




#41
Hexachlorocyclopentadiene
Concen: 78.238 ng
RT: 9.028 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

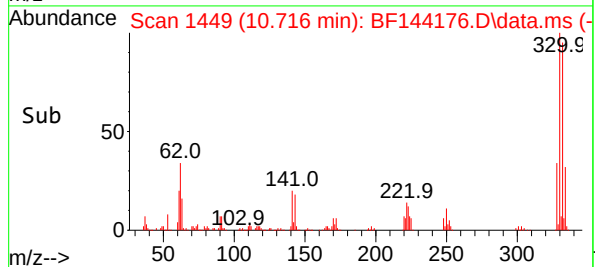
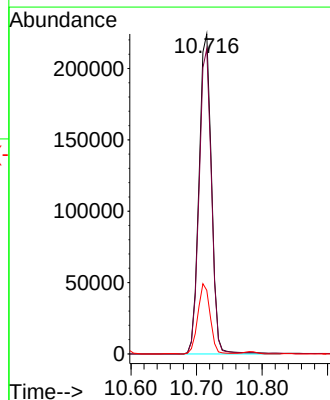
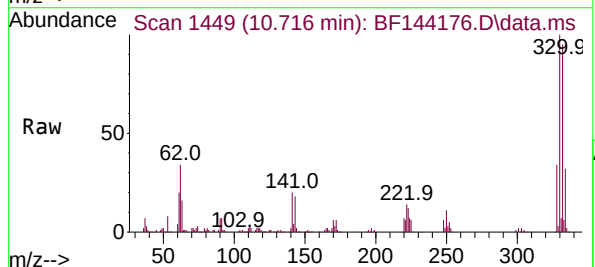
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

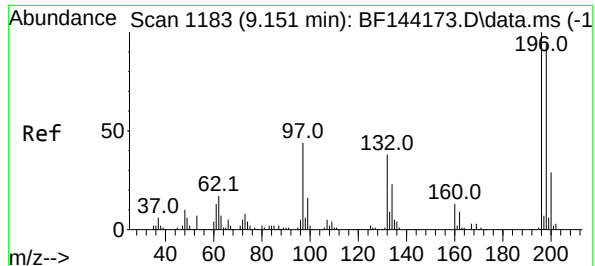
Tgt Ion:237 Resp: 146524
Ion Ratio Lower Upper
237 100
235 63.5 45.5 85.5
272 13.9 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 158.489 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:330 Resp: 293555
Ion Ratio Lower Upper
330 100
332 95.0 76.7 115.1
141 21.7 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 77.355 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

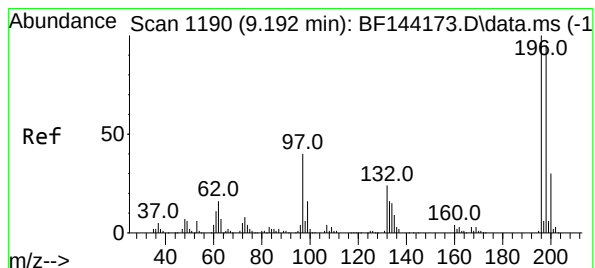
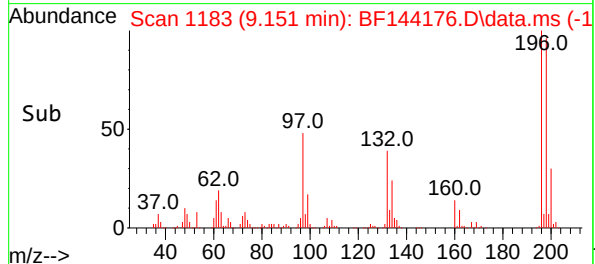
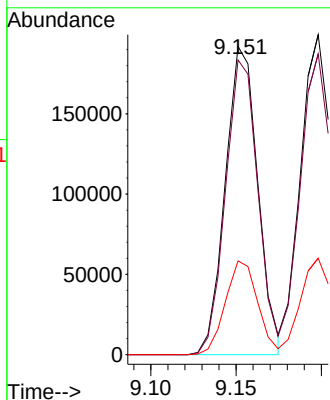
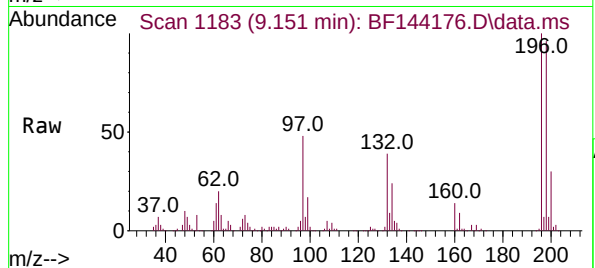
Tgt Ion:196 Resp: 254681

Ion Ratio Lower Upper

196 100

198 95.6 75.3 112.9

200 30.4 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 75.791 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion:196 Resp: 268940

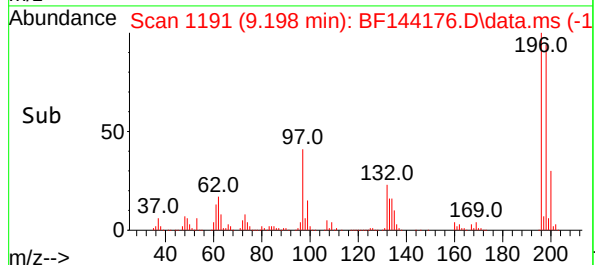
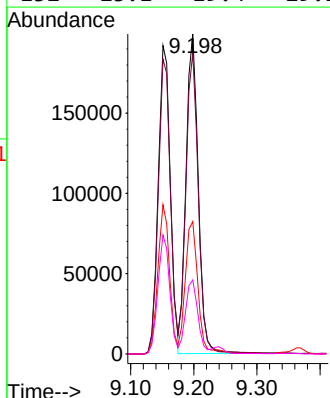
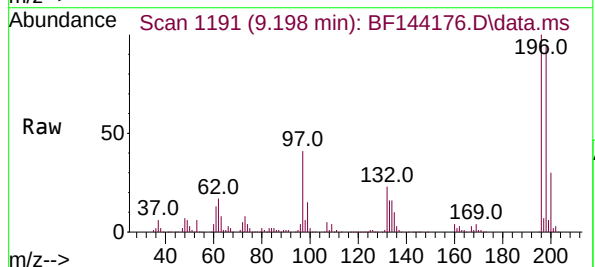
Ion Ratio Lower Upper

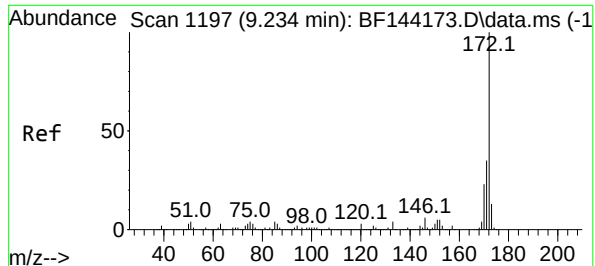
196 100

198 94.0 76.1 114.1

97 41.3 31.9 47.9

132 23.1 19.4 29.2

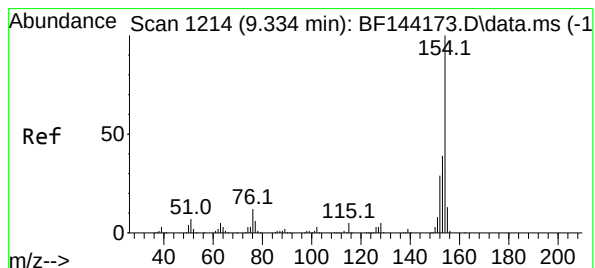
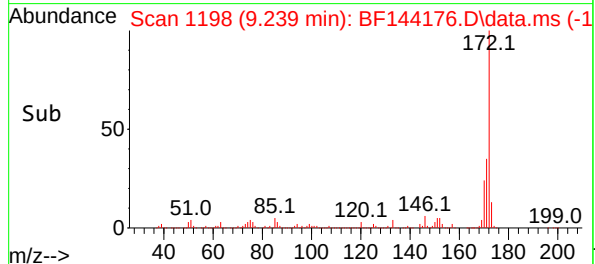
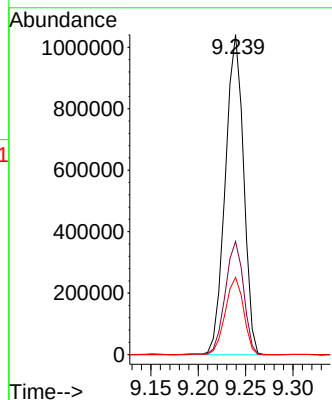
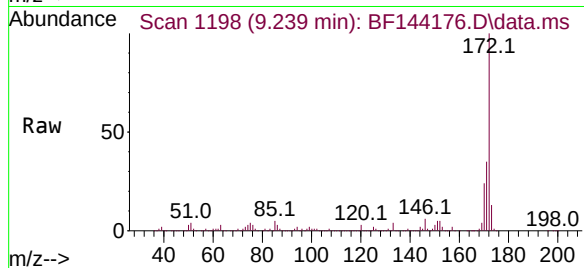




#45
2-Fluorobiphenyl
Concen: 139.809 ng
RT: 9.239 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

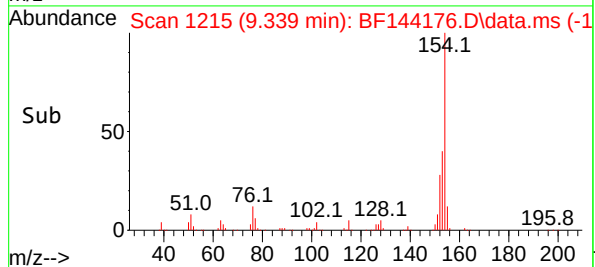
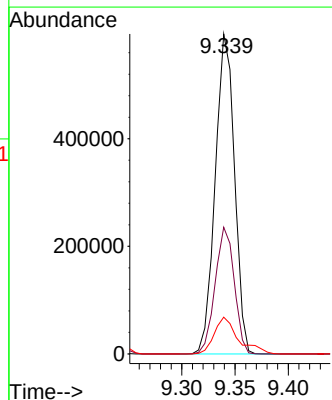
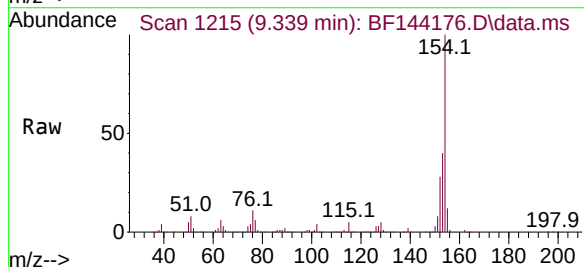
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

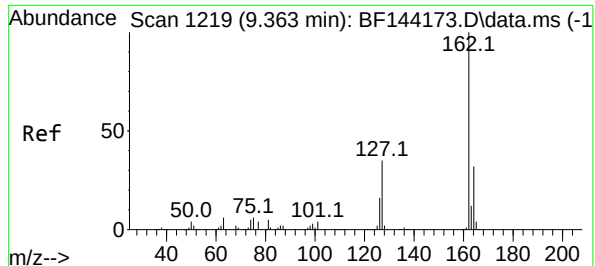
Tgt Ion:172 Resp: 1397211
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 24.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 72.784 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:154 Resp: 749883
Ion Ratio Lower Upper
154 100
153 39.6 19.2 59.2
76 11.5 0.0 31.8





#47

2-Chloronaphthalene

Concen: 72.995 ng

RT: 9.369 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

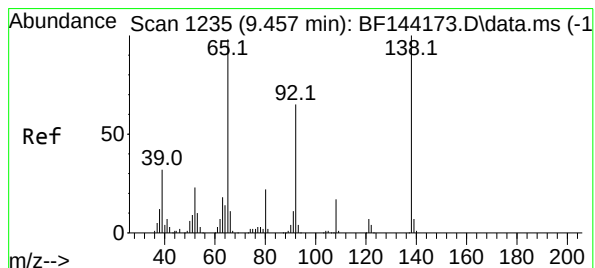
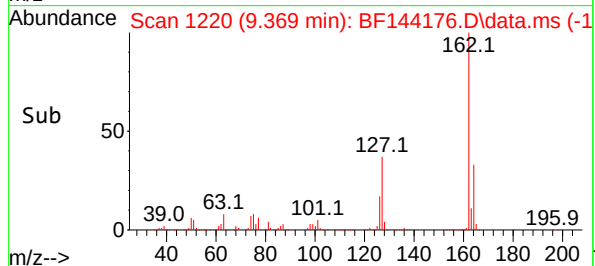
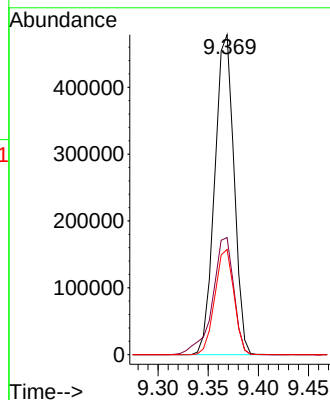
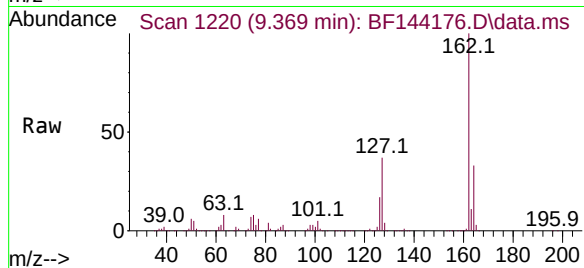
Tgt Ion:162 Resp: 641521

Ion Ratio Lower Upper

162 100

127 36.6 28.8 43.2

164 32.9 25.8 38.8



#48

2-Nitroaniline

Concen: 80.348 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

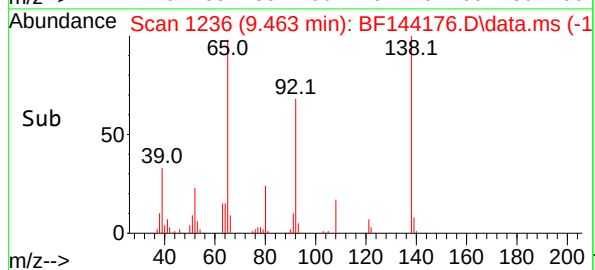
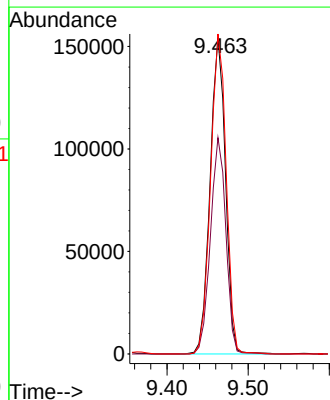
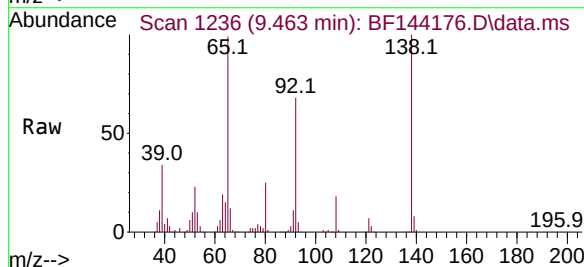
Tgt Ion: 65 Resp: 203746

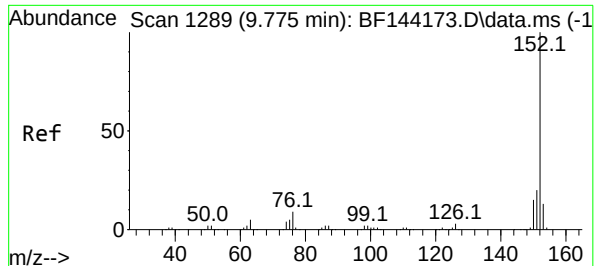
Ion Ratio Lower Upper

65 100

92 68.3 53.0 79.6

138 101.1 81.6 122.4





#49

Acenaphthylene

Concen: 74.264 ng

RT: 9.780 min Scan# 1289

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

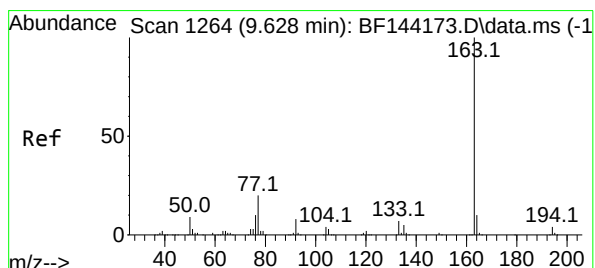
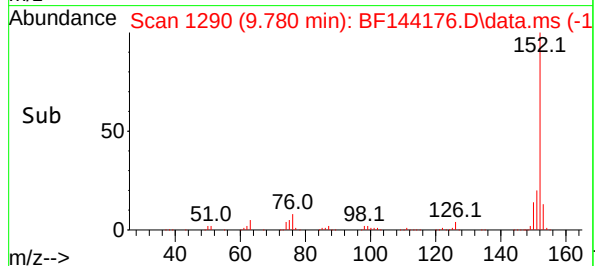
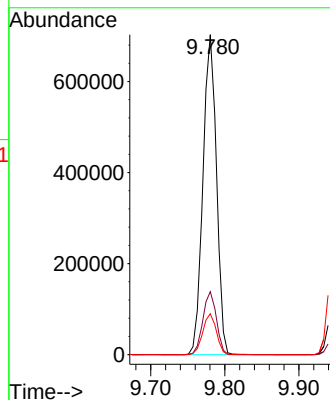
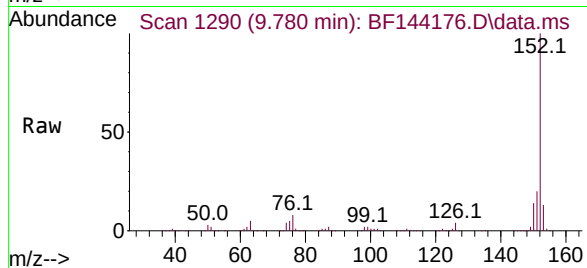
Tgt Ion:152 Resp: 889410

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 12.8 10.5 15.7



#50

Dimethylphthalate

Concen: 75.318 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

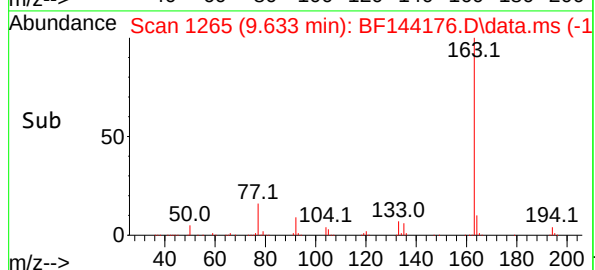
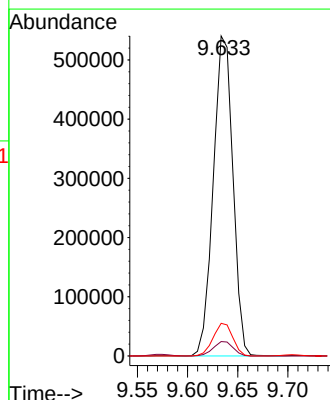
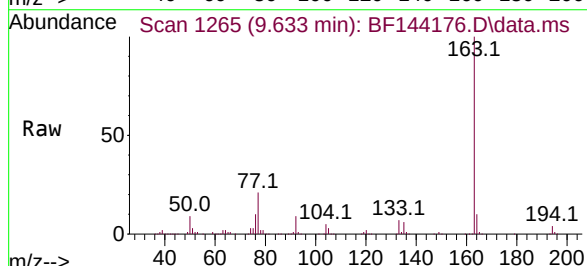
Tgt Ion:163 Resp: 736477

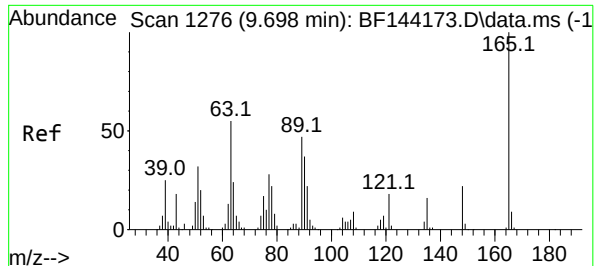
Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 79.250 ng

RT: 9.704 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

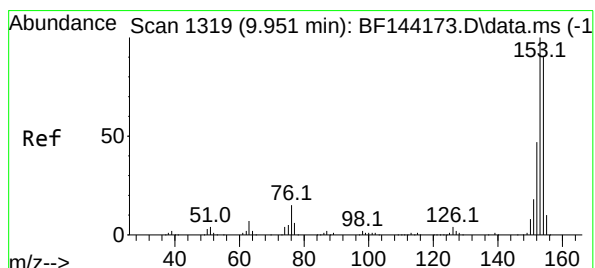
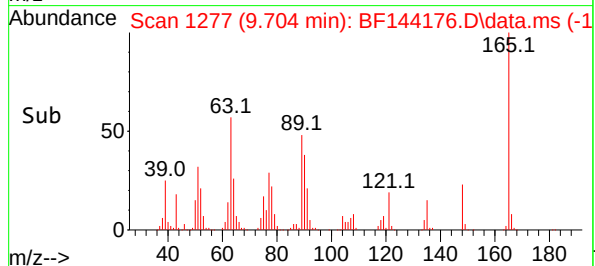
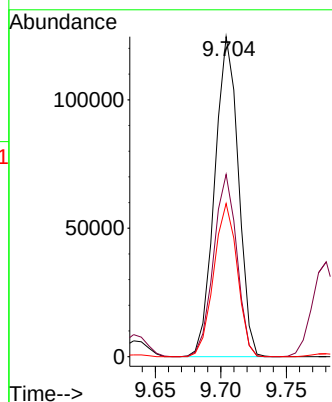
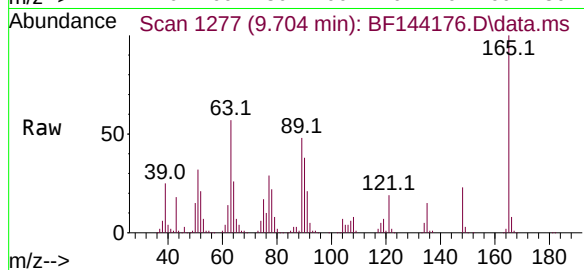
Tgt Ion:165 Resp: 156870

Ion Ratio Lower Upper

165 100

63 56.9 43.8 65.8

89 47.8 37.5 56.3



#52

Acenaphthene

Concen: 74.243 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

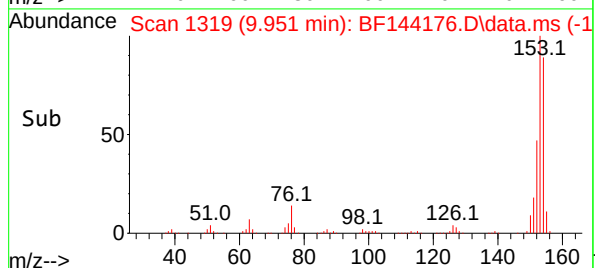
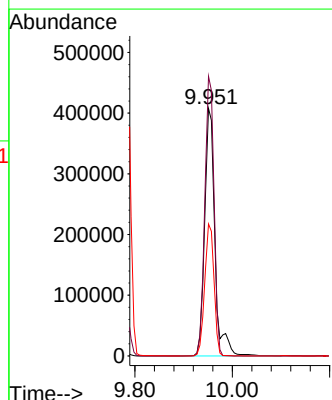
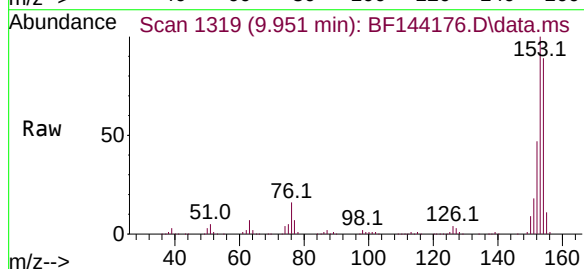
Tgt Ion:154 Resp: 594593

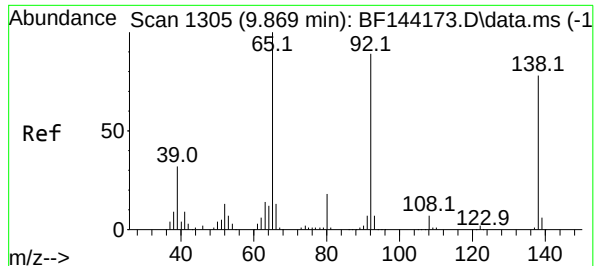
Ion Ratio Lower Upper

154 100

153 113.0 89.0 133.4

152 53.3 42.2 63.4





#53

3-Nitroaniline

Concen: 77.230 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

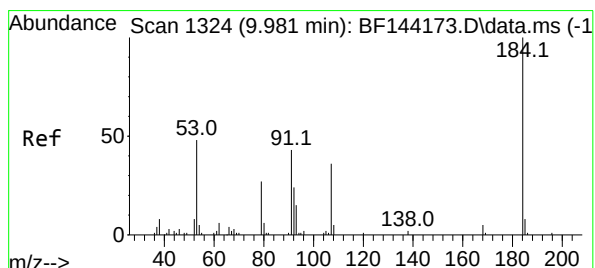
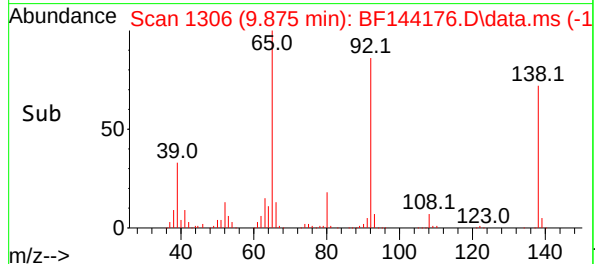
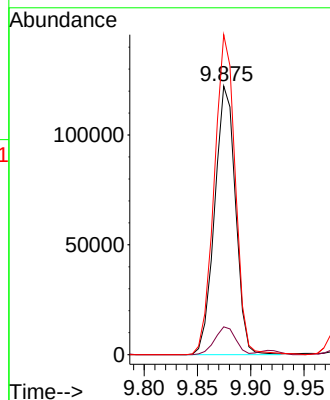
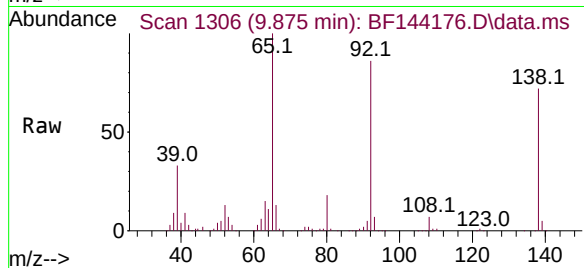
Tgt Ion:138 Resp: 167110

Ion Ratio Lower Upper

138 100

108 10.3 7.5 11.3

92 119.2 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 80.924 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

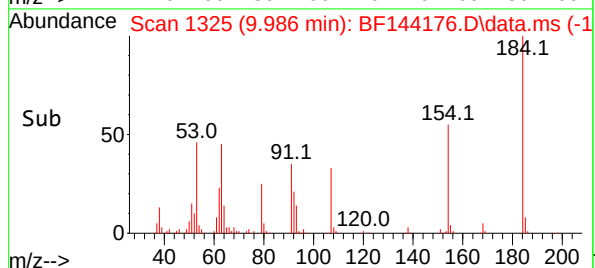
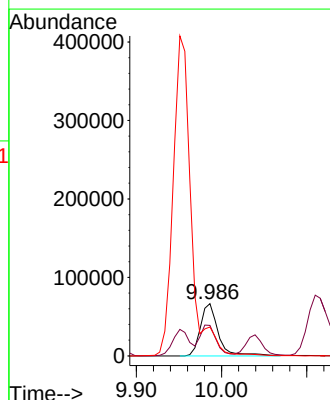
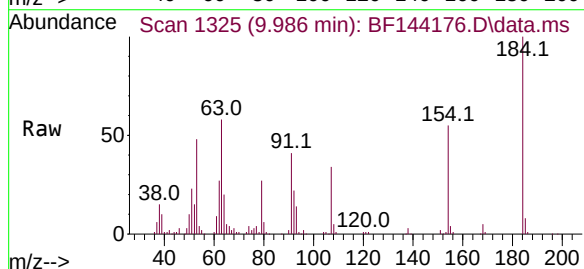
Tgt Ion:184 Resp: 96727

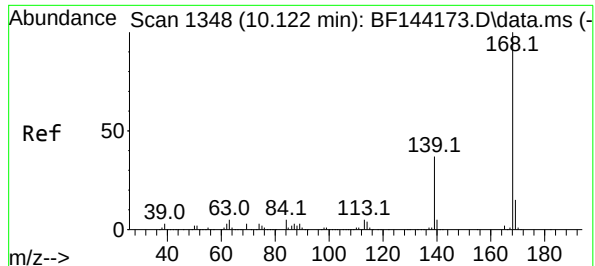
Ion Ratio Lower Upper

184 100

63 58.3 44.0 66.0

154 55.4 42.4 63.6





#55

Dibenzenofuran

Concen: 71.517 ng

RT: 10.128 min Scan# 1348

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

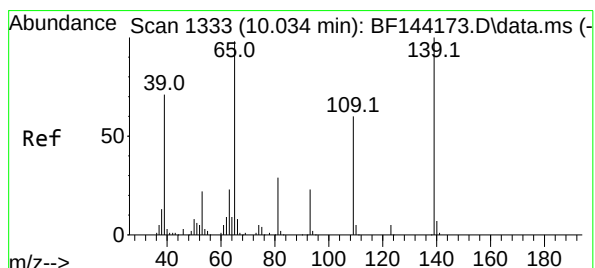
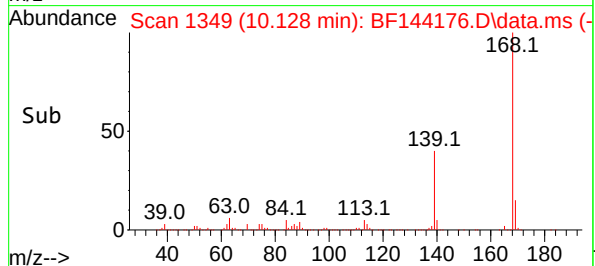
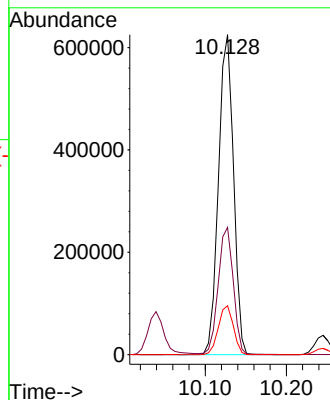
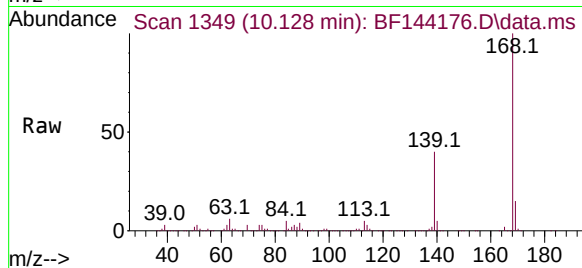
Tgt Ion:168 Resp: 802174

Ion Ratio Lower Upper

168 100

139 39.8 30.2 45.2

169 15.3 12.2 18.4



#56

4-Nitrophenol

Concen: 74.782 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

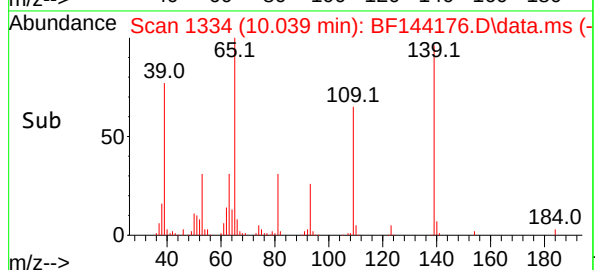
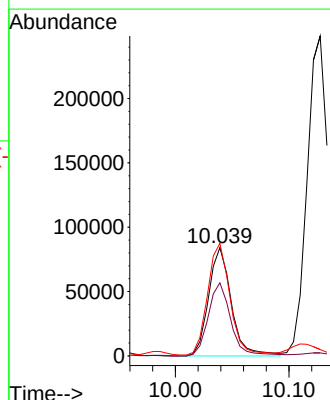
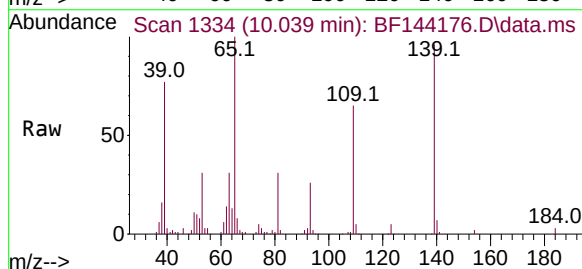
Tgt Ion:139 Resp: 117050

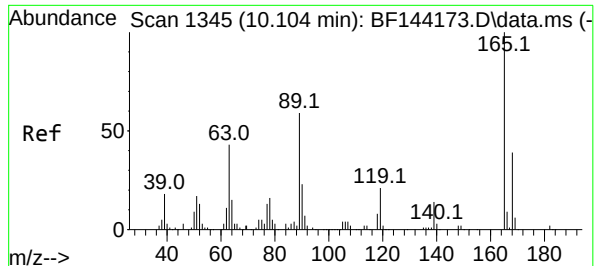
Ion Ratio Lower Upper

139 100

109 67.5 39.9 79.9

65 104.1 79.5 119.5

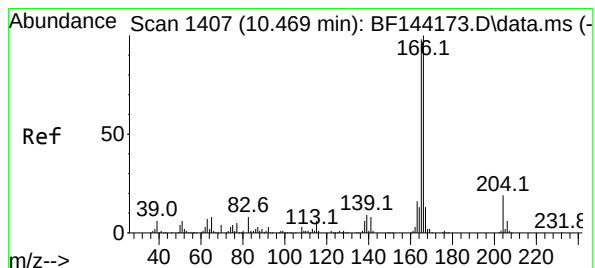
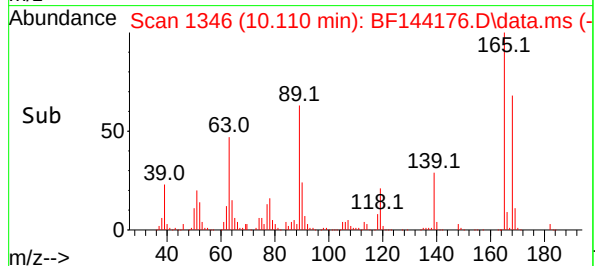
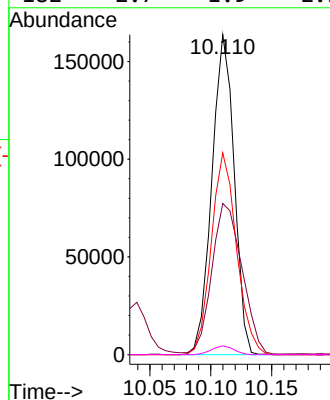
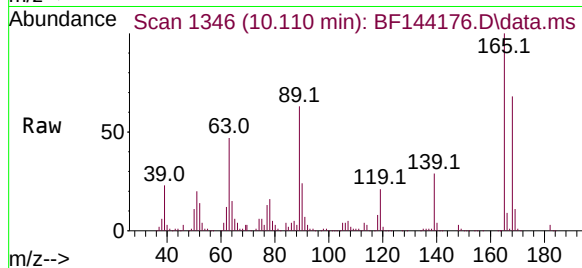




#57
2,4-Dinitrotoluene
Concen: 78.661 ng
RT: 10.110 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

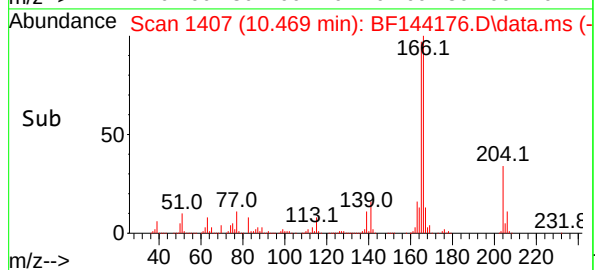
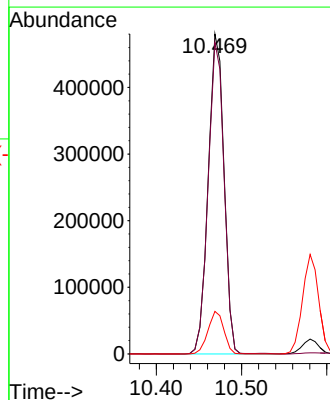
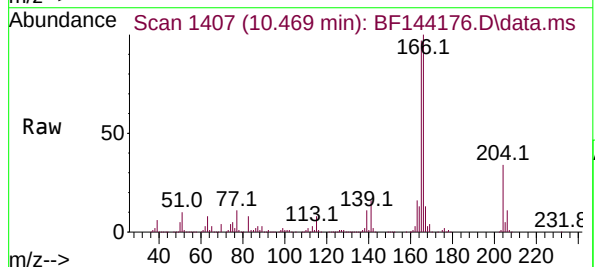
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

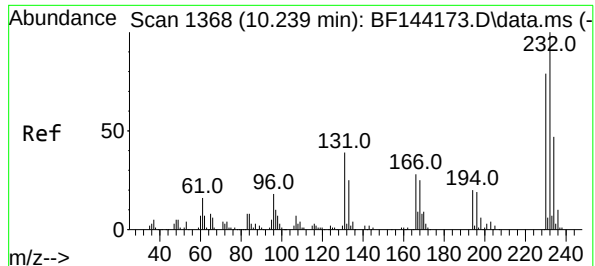
Tgt Ion:165 Resp: 208441
Ion Ratio Lower Upper
165 100
63 47.2 35.5 53.3
89 63.0 47.4 71.2
182 2.7 1.9 2.9



#58
Fluorene
Concen: 72.526 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:166 Resp: 618508
Ion Ratio Lower Upper
166 100
165 97.3 78.6 118.0
167 13.3 10.4 15.6

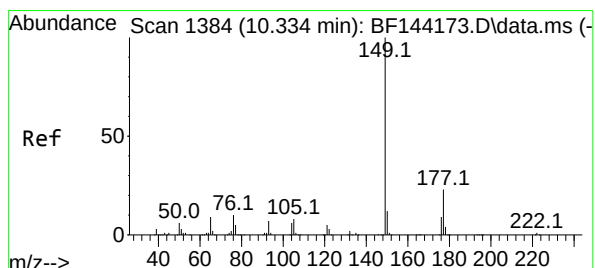
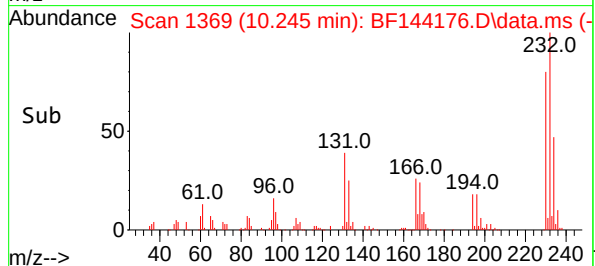
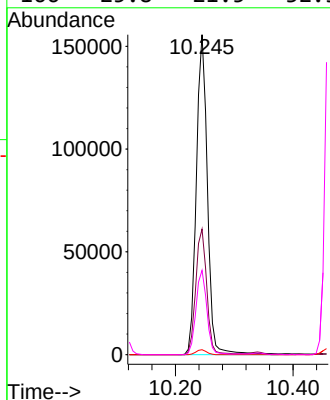
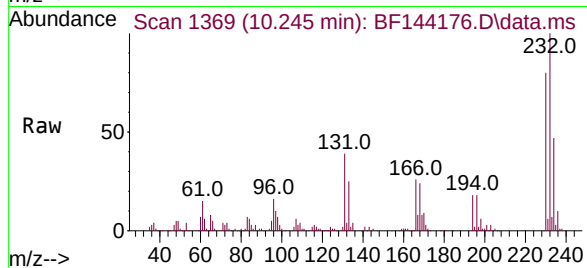




#59
2,3,4,6-Tetrachlorophenol
Concen: 81.067 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

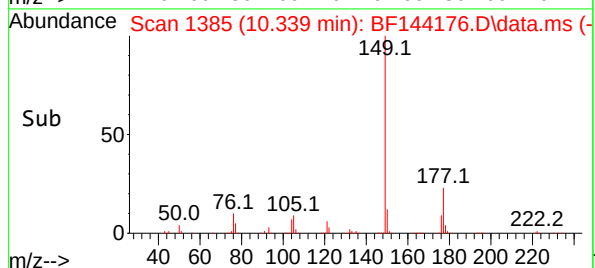
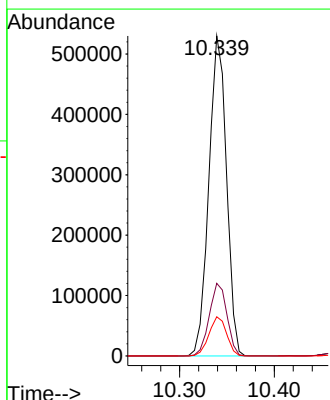
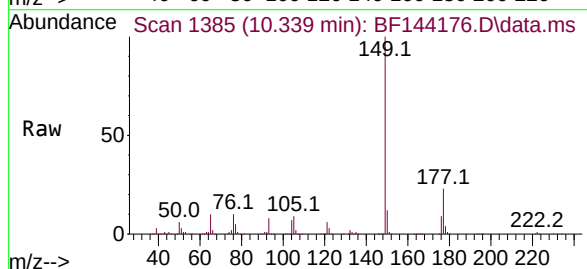
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

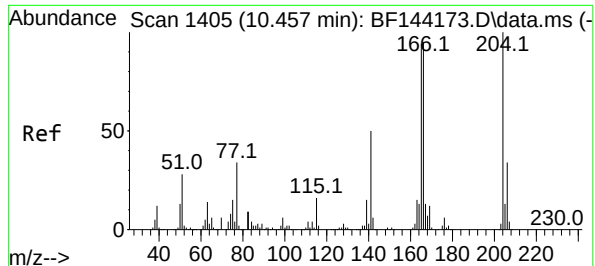
Tgt Ion:232 Resp: 203523
Ion Ratio Lower Upper
232 100
131 39.0 30.3 45.5
130 1.4 1.2 1.8
166 25.8 21.5 32.3



#60
Diethylphthalate
Concen: 76.182 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:149 Resp: 686705
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 12.2 9.8 14.6

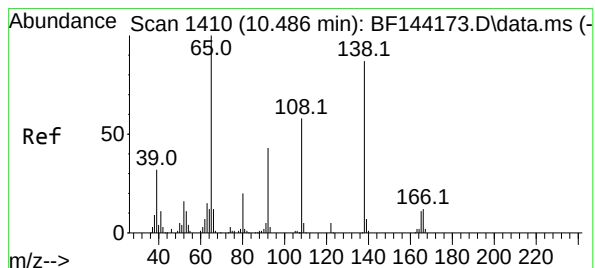
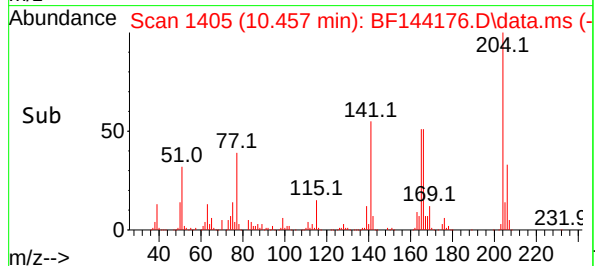
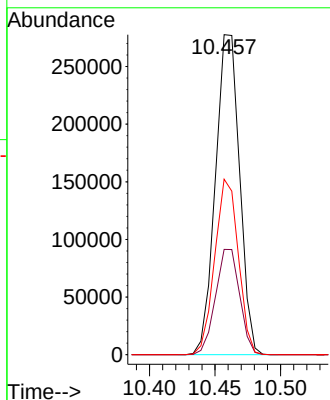
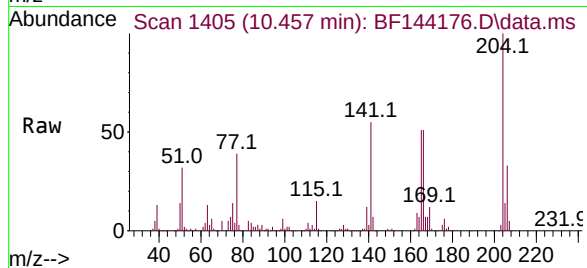




#61
4-Chlorophenyl-phenylether
Concen: 73.492 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

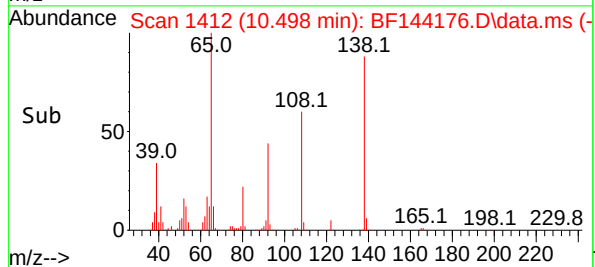
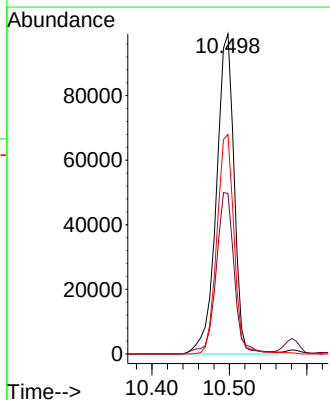
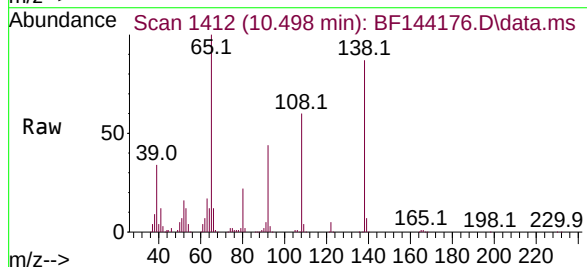
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

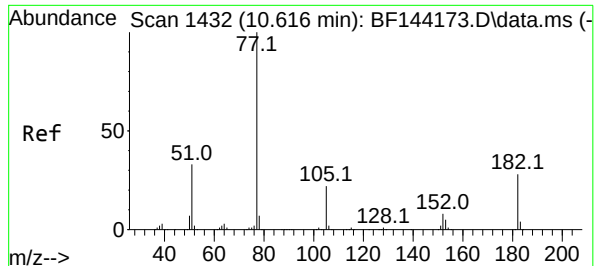
Tgt Ion:204 Resp: 357010
Ion Ratio Lower Upper
204 100
206 32.9 27.4 41.2
141 54.8 40.0 60.0



#62
4-Nitroaniline
Concen: 76.889 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:138 Resp: 158441
Ion Ratio Lower Upper
138 100
92 50.2 29.4 69.4
108 68.6 46.4 86.4

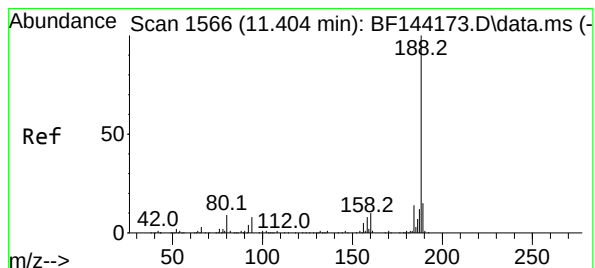
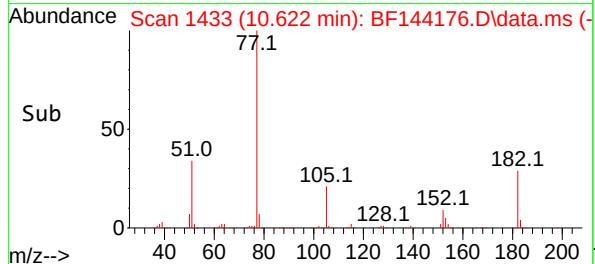
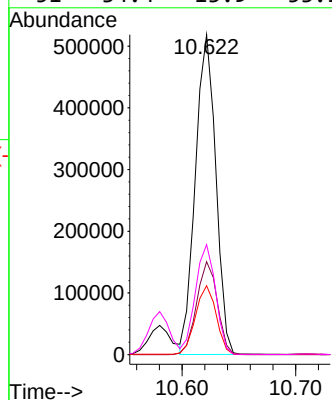
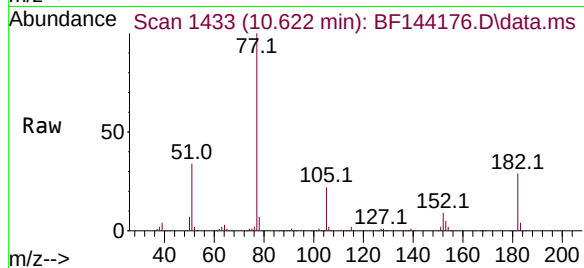




#63
Azobenzene
Concen: 77.117 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

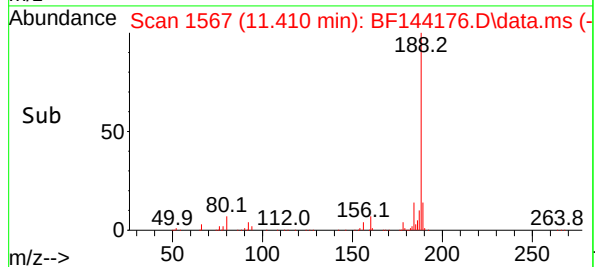
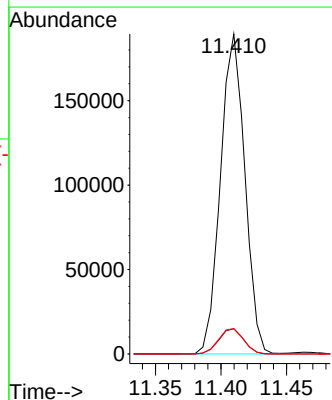
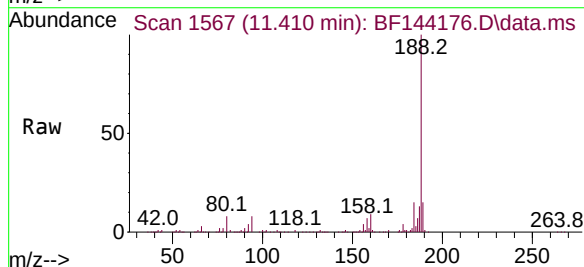
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

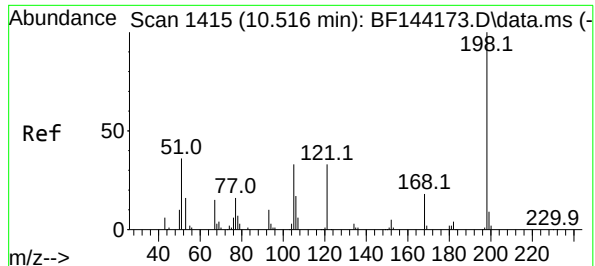
Tgt Ion: 77 Resp: 646943
Ion Ratio Lower Upper
77 100
182 29.0 8.1 48.1
105 21.6 2.0 42.0
51 34.4 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 188 Resp: 244733
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 7.9 6.9 10.3

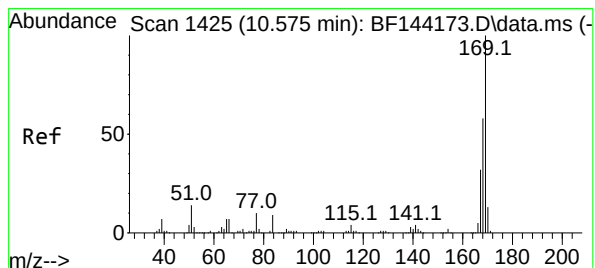
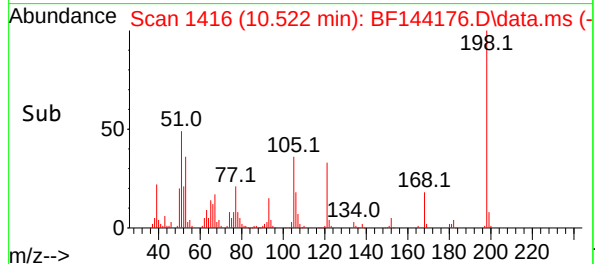
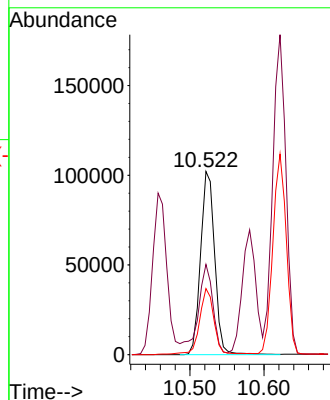
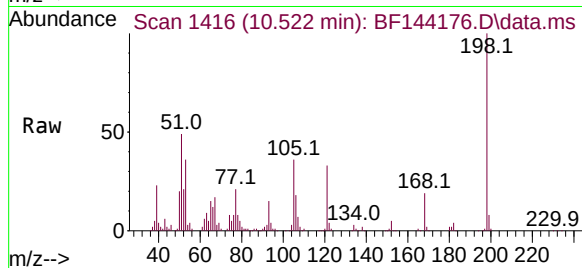




#65
4,6-Dinitro-2-methylphenol
Concen: 81.136 ng
RT: 10.522 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

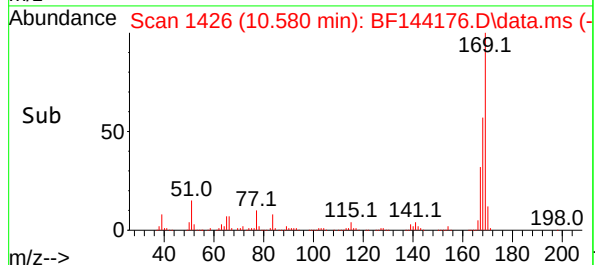
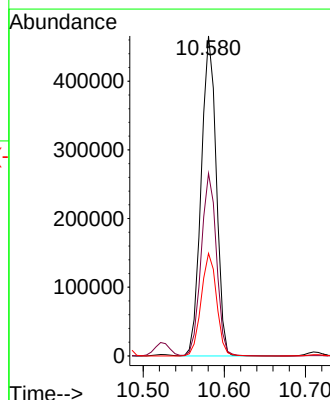
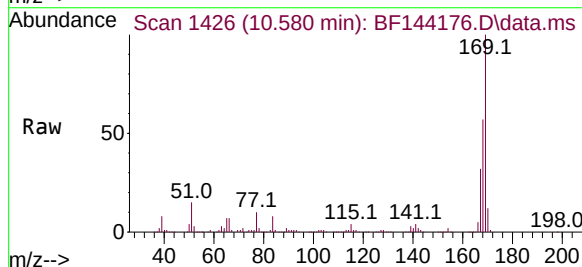
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

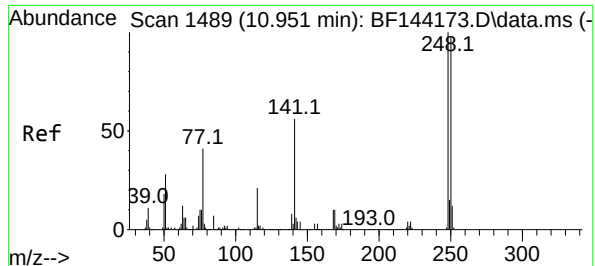
Tgt Ion:198 Resp: 134894
Ion Ratio Lower Upper
198 100
51 49.2 25.6 65.6
105 36.0 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 76.327 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:169 Resp: 600791
Ion Ratio Lower Upper
169 100
168 57.0 46.2 69.2
167 32.1 25.7 38.5





#67

4-Bromophenyl-phenylether

Concen: 78.826 ng

RT: 10.951 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

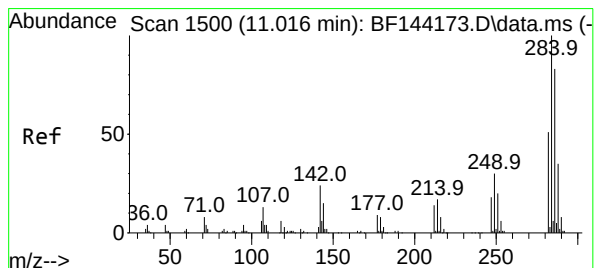
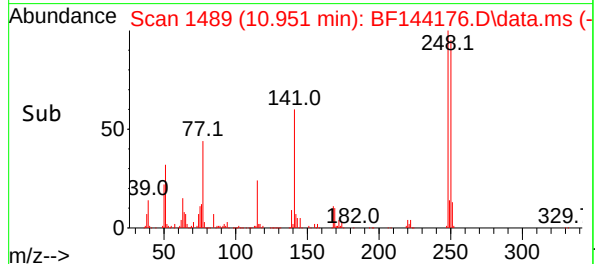
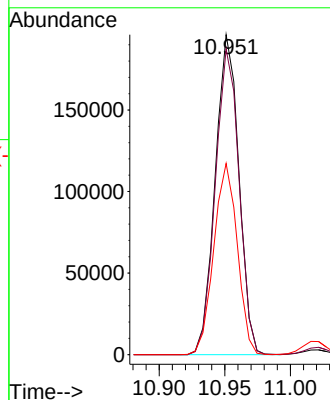
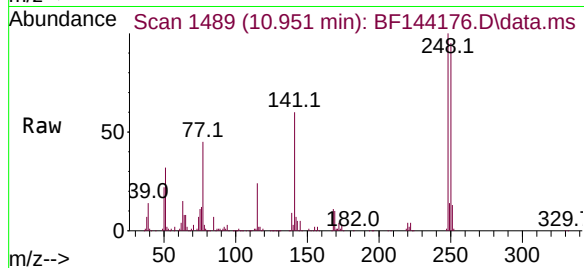
Tgt Ion:248 Resp: 246236

Ion Ratio Lower Upper

248 100

250 95.5 78.4 117.6

141 59.8 45.1 67.7



#68

Hexachlorobenzene

Concen: 78.769 ng

RT: 11.022 min Scan# 1501

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

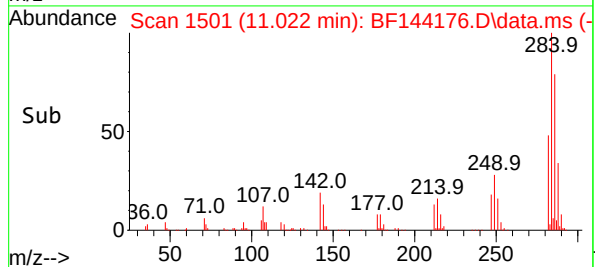
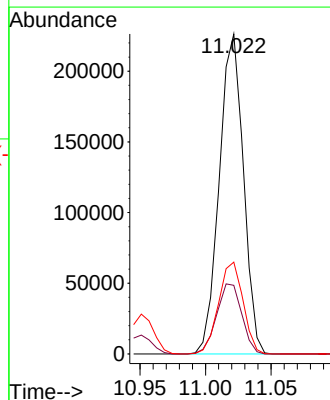
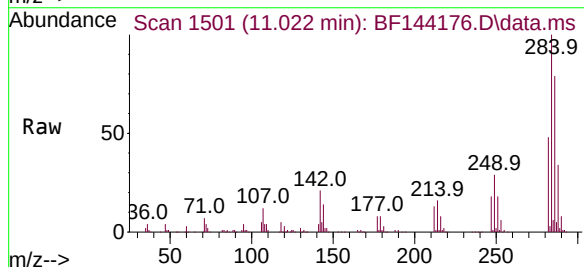
Tgt Ion:284 Resp: 289823

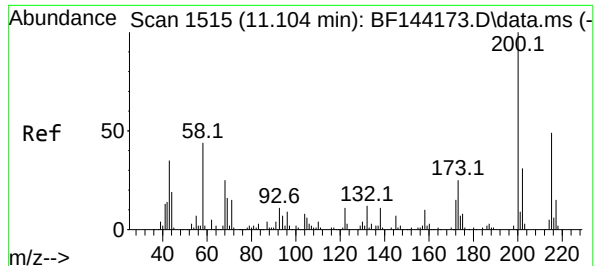
Ion Ratio Lower Upper

284 100

142 21.4 19.2 28.8

249 28.7 23.8 35.8





#69

Atrazine

Concen: 76.645 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

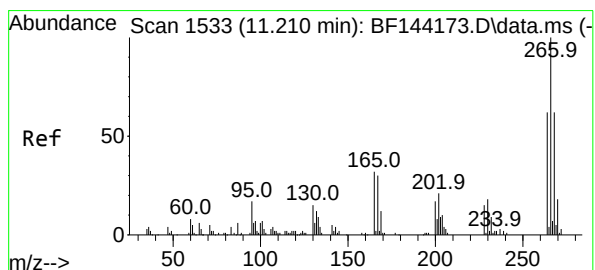
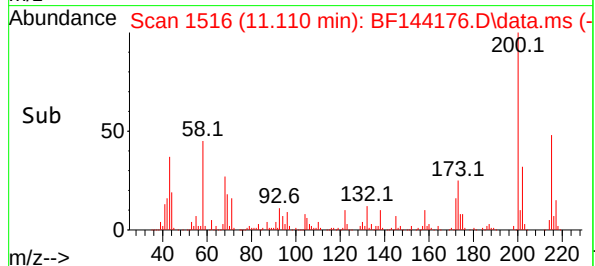
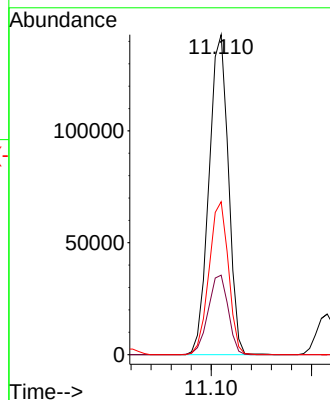
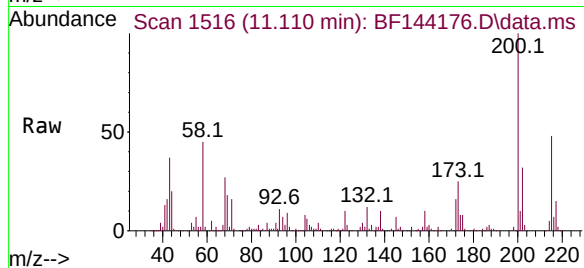
Tgt Ion:200 Resp: 191862

Ion Ratio Lower Upper

200 100

173 24.8 5.0 45.0

215 47.8 28.7 68.7



#70

Pentachlorophenol

Concen: 88.373 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

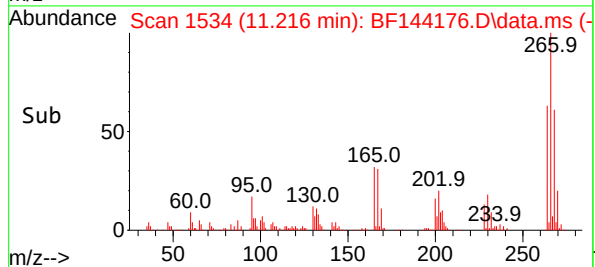
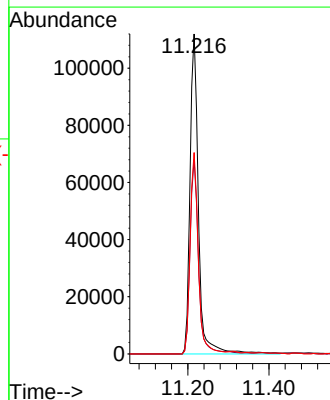
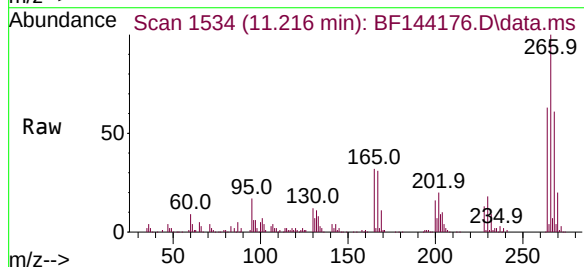
Tgt Ion:266 Resp: 161918

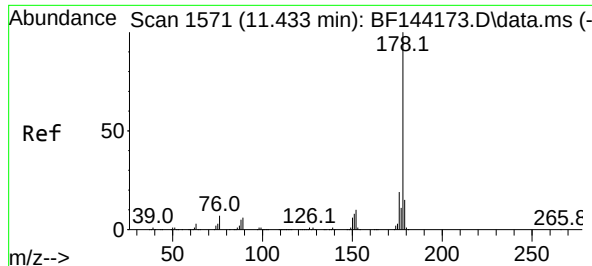
Ion Ratio Lower Upper

266 100

268 60.8 49.5 74.3

264 63.0 49.4 74.2

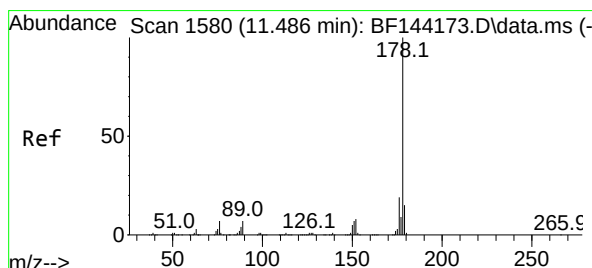
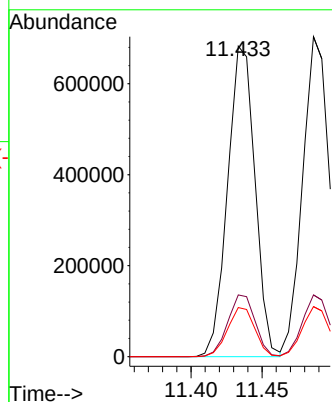
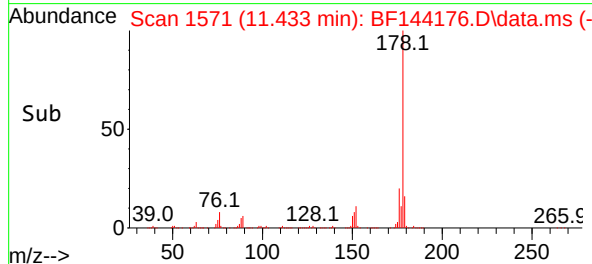
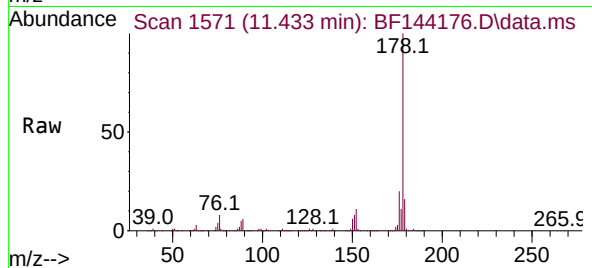




#71
Phenanthrene
Concen: 75.238 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

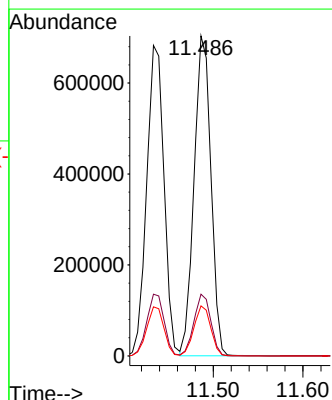
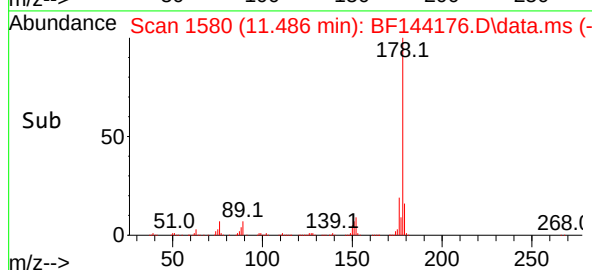
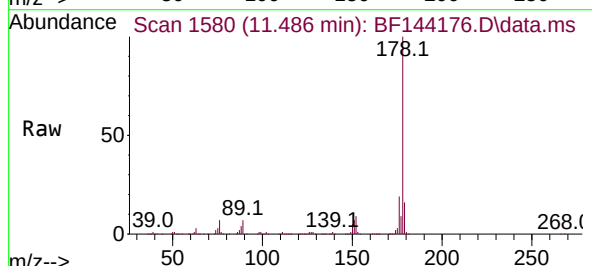
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

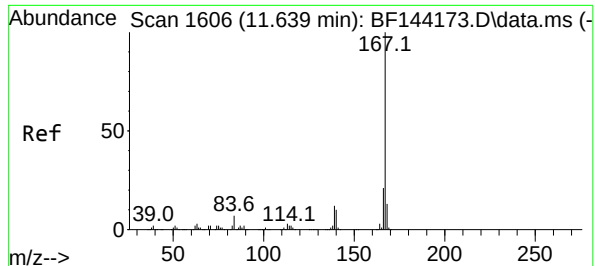
Tgt Ion:178 Resp: 916773
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.8 12.2 18.4



#72
Anthracene
Concen: 73.934 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:178 Resp: 916037
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.6 12.0 18.0

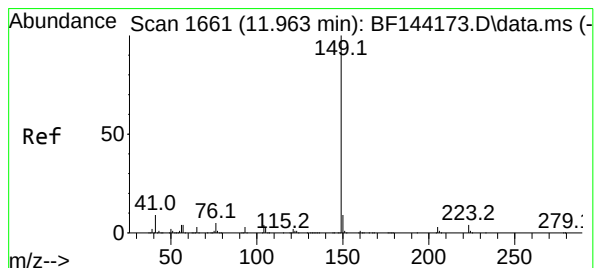
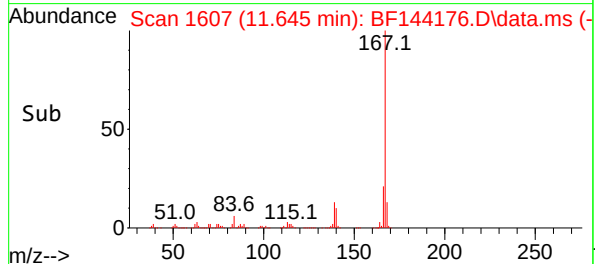
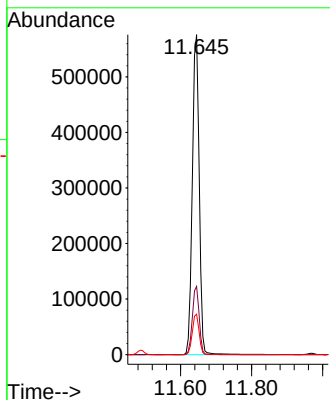
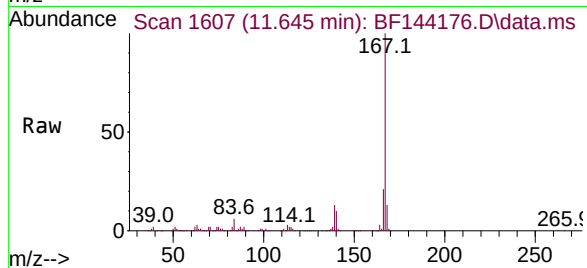




#73
Carbazole
Concen: 73.816 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

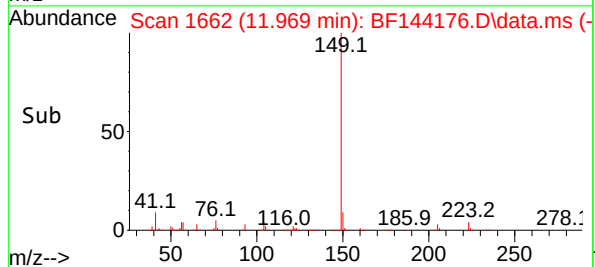
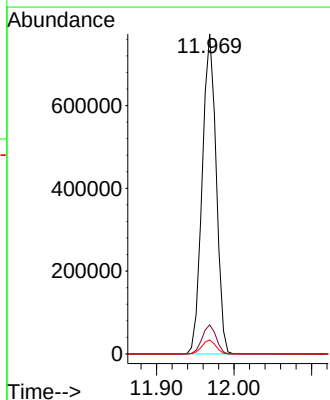
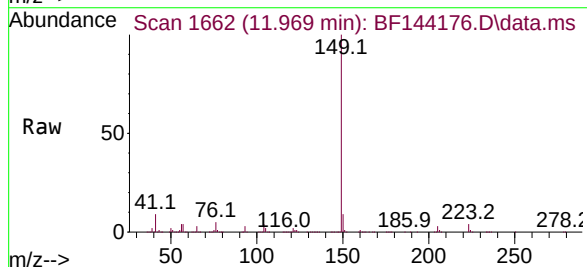
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

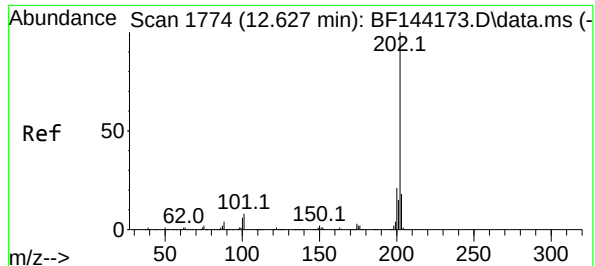
Tgt Ion:167 Resp: 777702
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.6 9.9 14.9



#74
Di-n-butylphthalate
Concen: 75.822 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:149 Resp: 965695
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.3 3.4 5.2

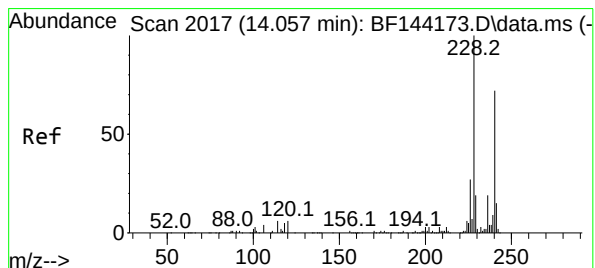
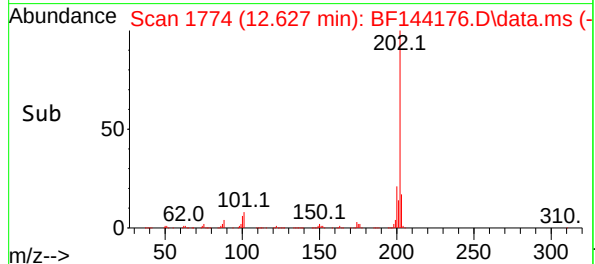
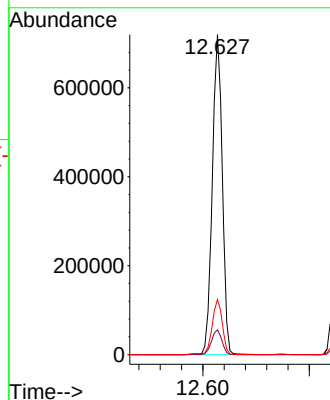
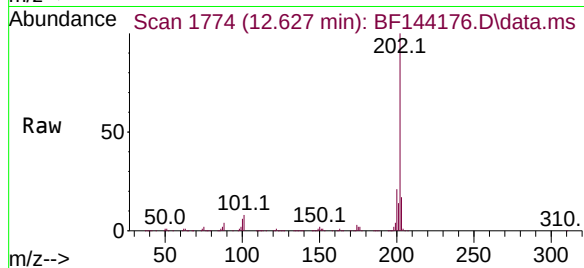




#75
Fluoranthene
Concen: 74.476 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

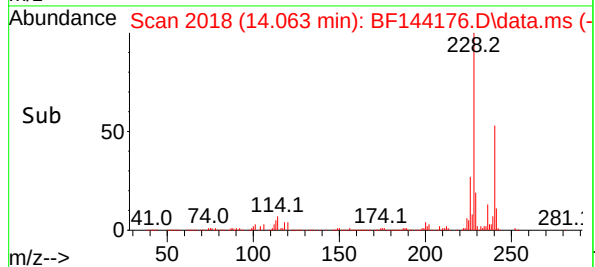
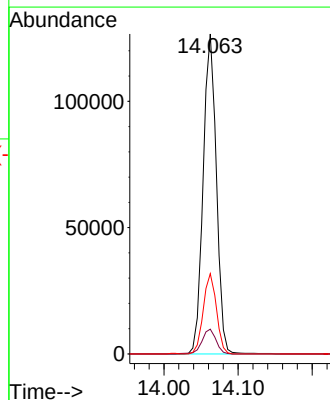
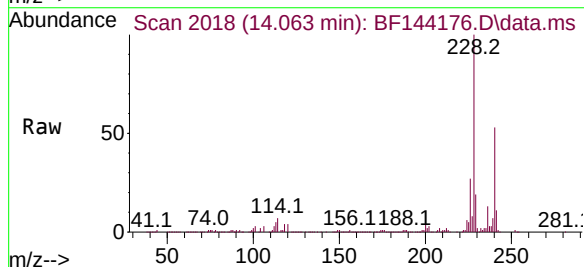
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

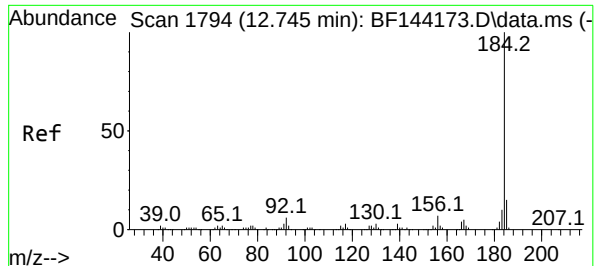
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	27.9
203	17.2	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.6	10.0
236	25.1	21.4	32.2

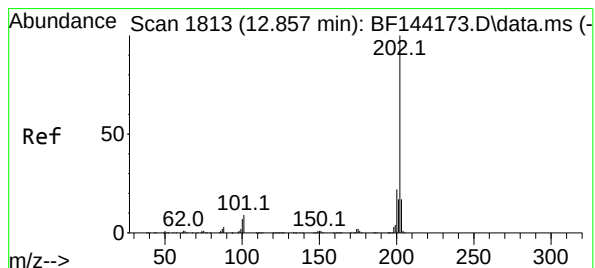
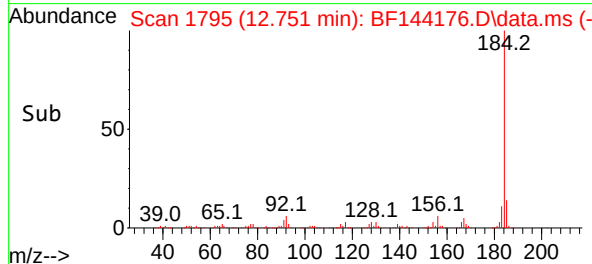
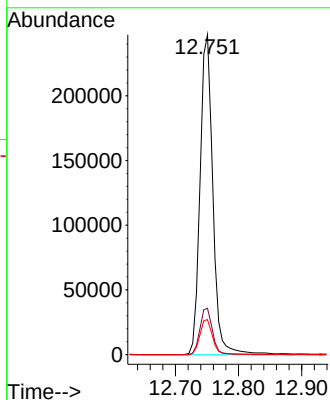
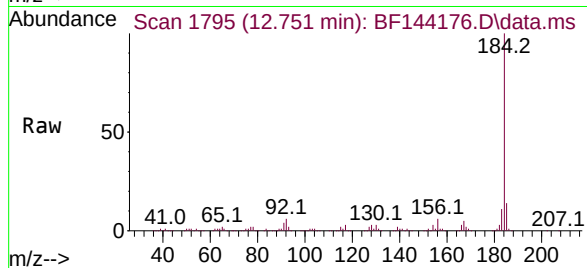




#77
Benzidine
Concen: 74.828 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

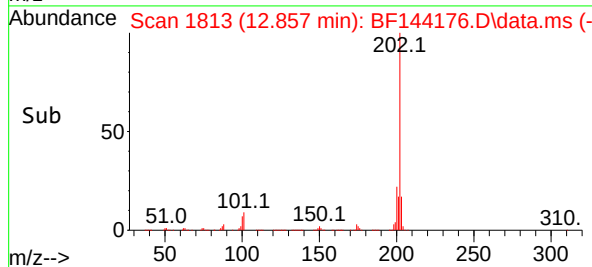
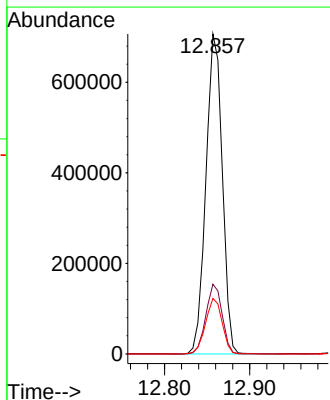
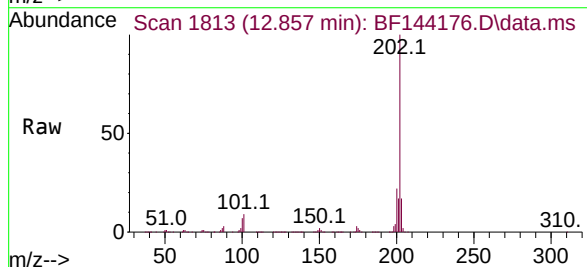
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

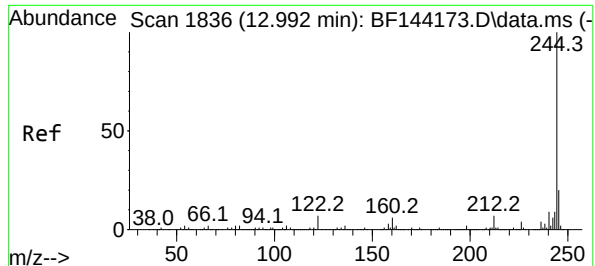
Tgt Ion:184 Resp: 347077
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 10.9 8.3 12.5



#78
Pyrene
Concen: 74.600 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:202 Resp: 943190
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 17.3 13.7 20.5





#79

Terphenyl-d14

Concen: 146.810 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

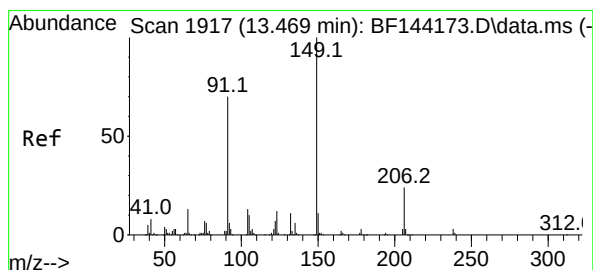
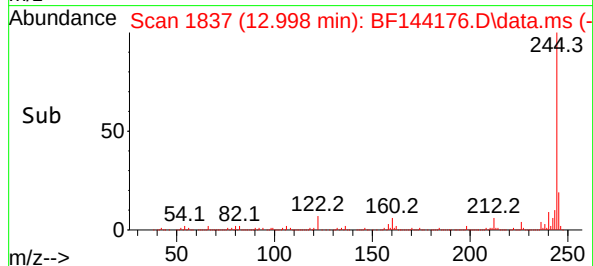
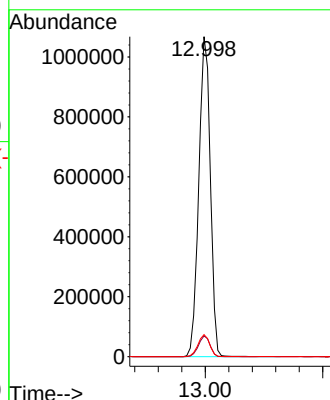
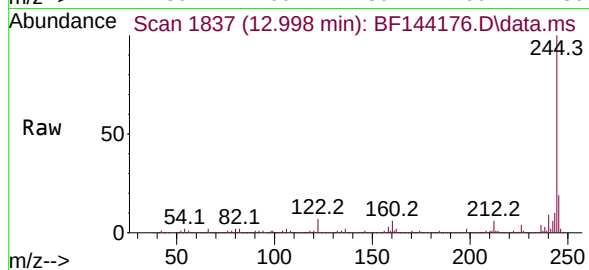
Tgt Ion:244 Resp: 1449323

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 6.9 5.6 8.4



#80

Butylbenzylphthalate

Concen: 78.633 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

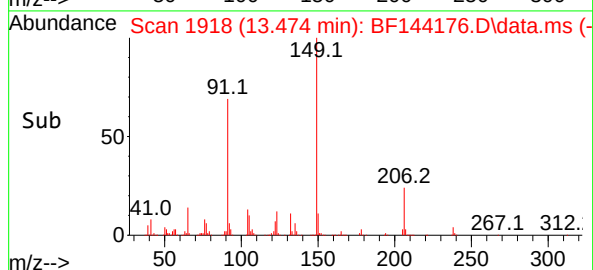
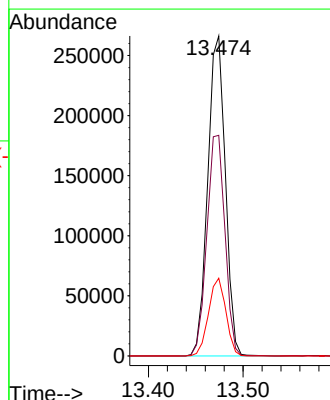
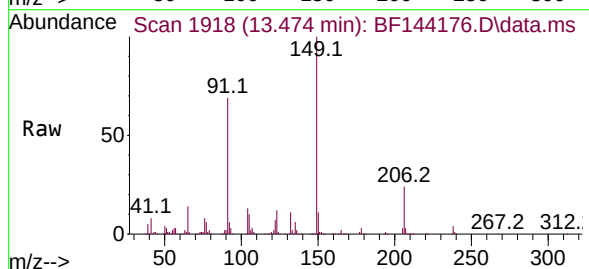
Tgt Ion:149 Resp: 344575

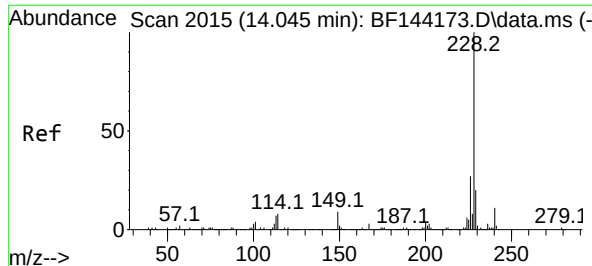
Ion Ratio Lower Upper

149 100

91 68.9 56.1 84.1

206 24.3 18.8 28.2

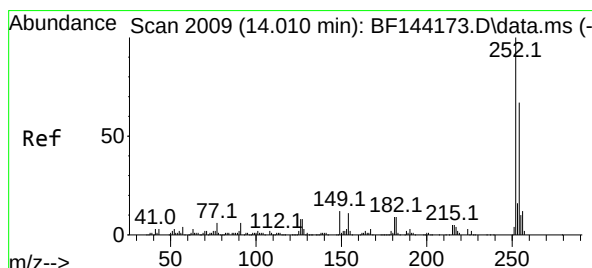
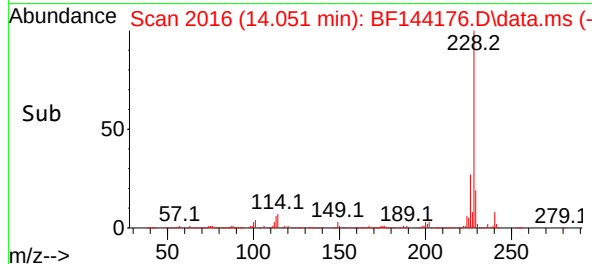
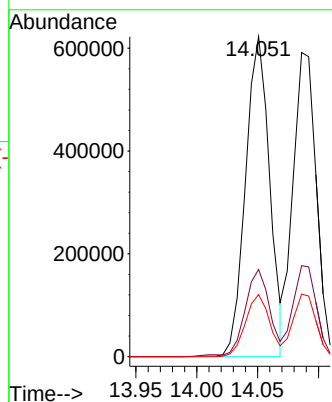
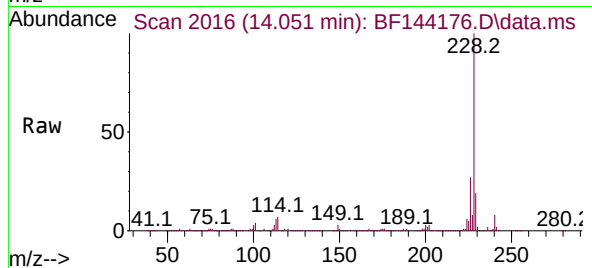




#81
Benzo(a)anthracene
Concen: 78.818 ng
RT: 14.051 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

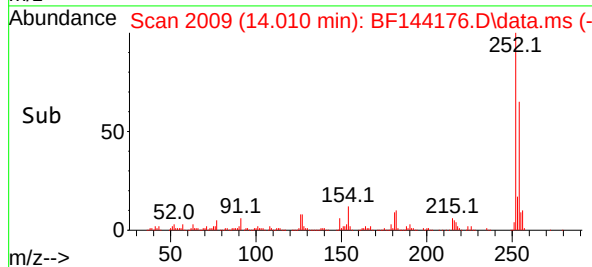
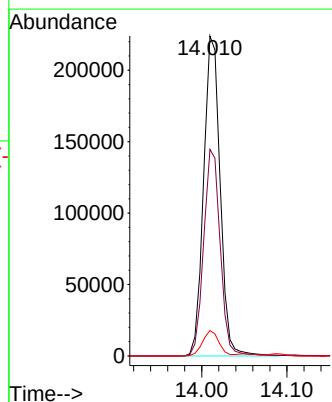
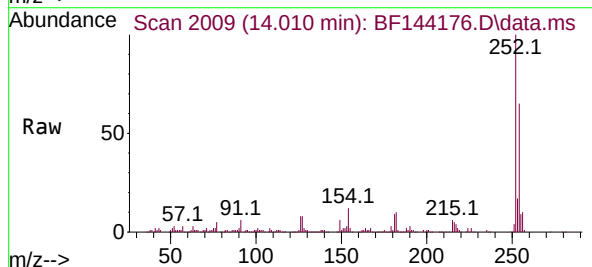
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

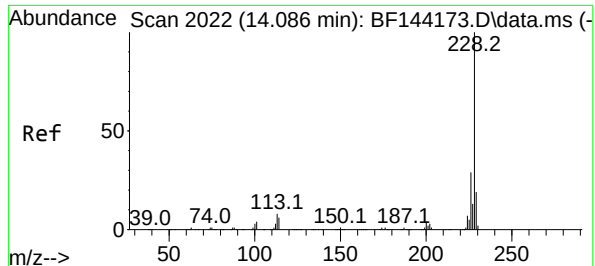
Tgt Ion:228 Resp: 856602
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 81.046 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

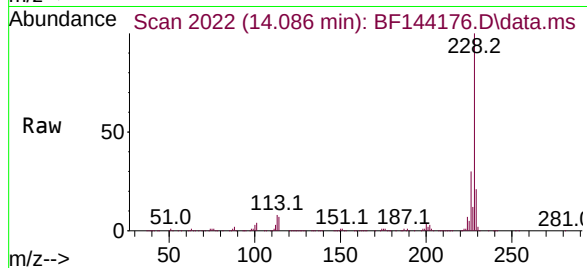
Tgt Ion:252 Resp: 301919
Ion Ratio Lower Upper
252 100
254 64.5 53.5 80.3
126 7.9 6.4 9.6



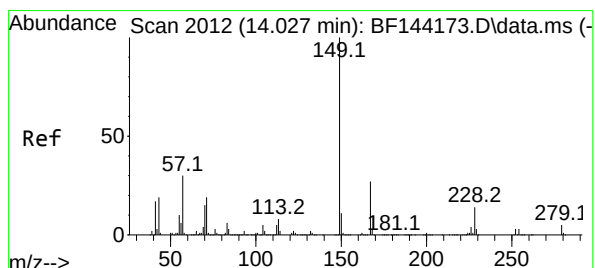
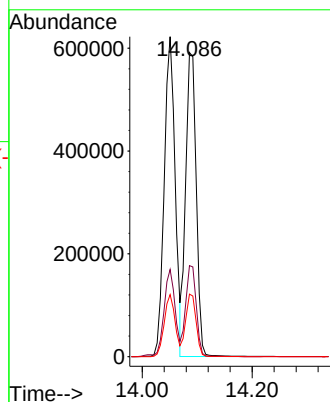
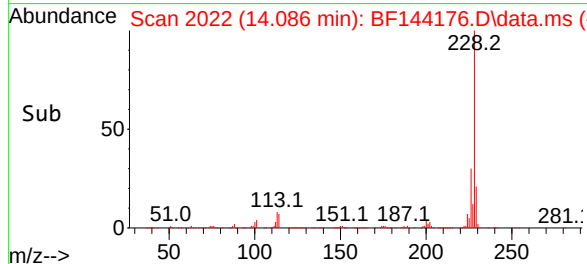


#83
Chrysene
Concen: 78.982 ng
RT: 14.086 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

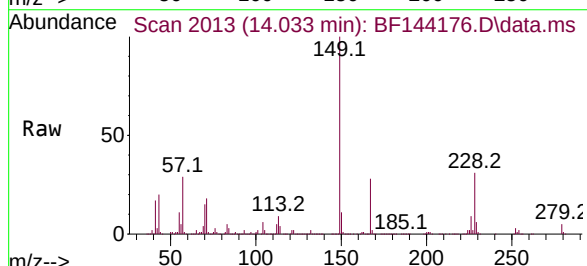
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



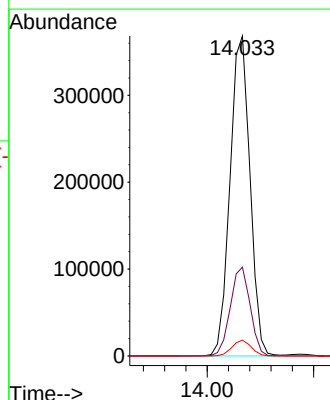
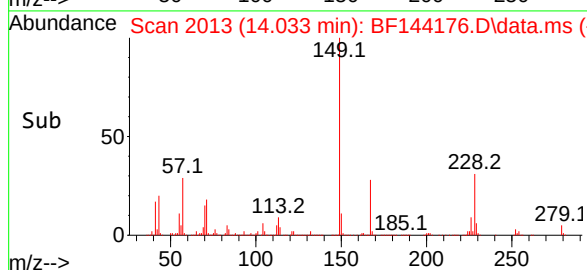
Tgt Ion:228 Resp: 792397
Ion Ratio Lower Upper
228 100
226 29.9 22.9 34.3
229 20.5 15.0 22.6

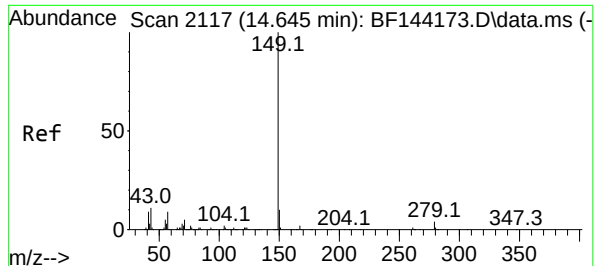


#84
Bis(2-ethylhexyl)phthalate
Concen: 79.898 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49



Tgt Ion:149 Resp: 479285
Ion Ratio Lower Upper
149 100
167 27.7 21.8 32.8
279 4.9 3.7 5.5

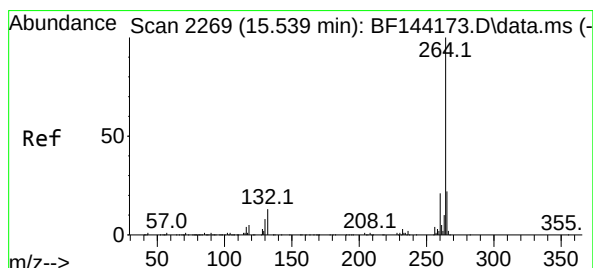
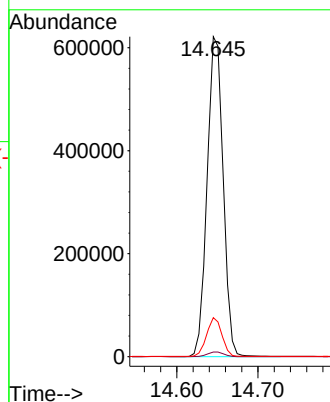
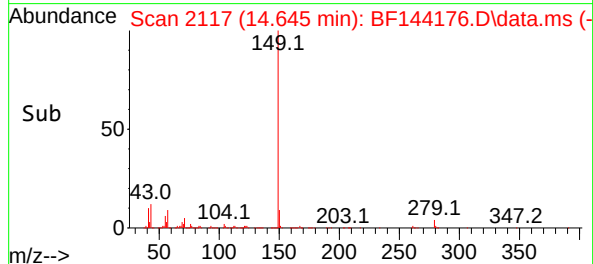
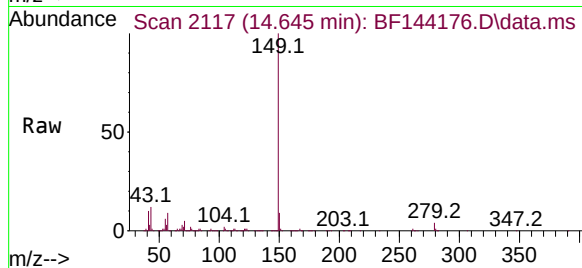




#85
Di-n-octyl phthalate
Concen: 82.657 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

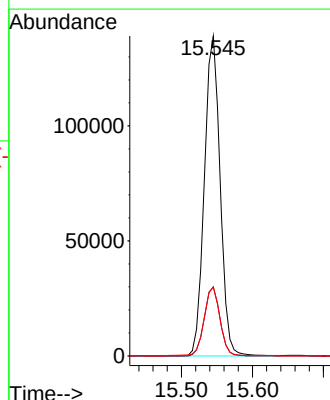
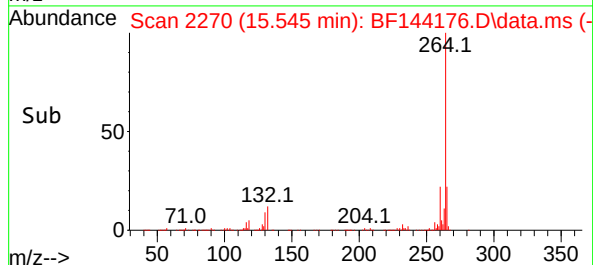
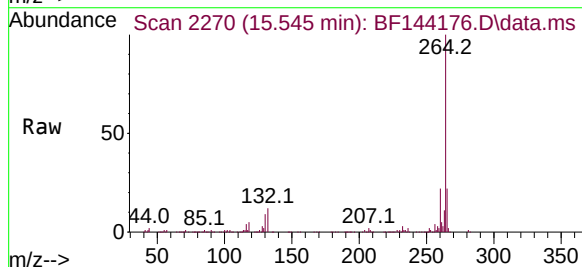
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

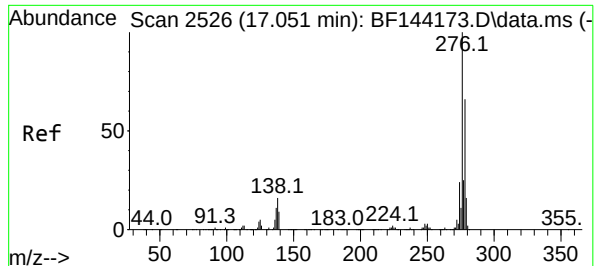
Tgt Ion:149 Resp: 855486
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.5 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:264 Resp: 213275
Ion Ratio Lower Upper
264 100
260 21.6 17.1 25.7
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 79.403 ng

RT: 17.062 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

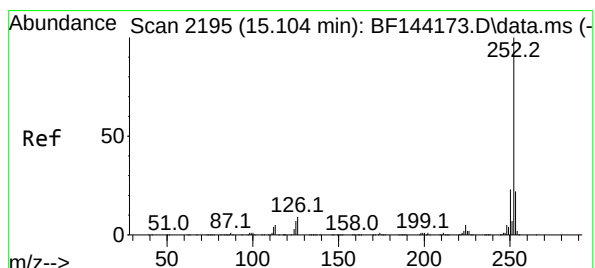
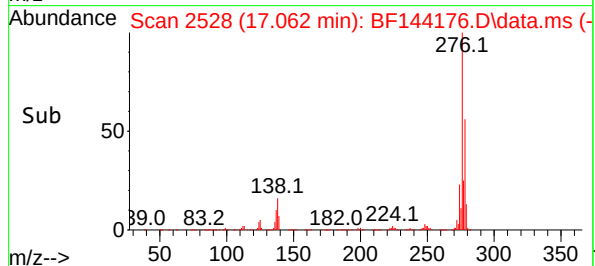
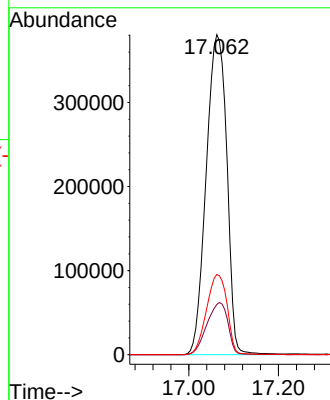
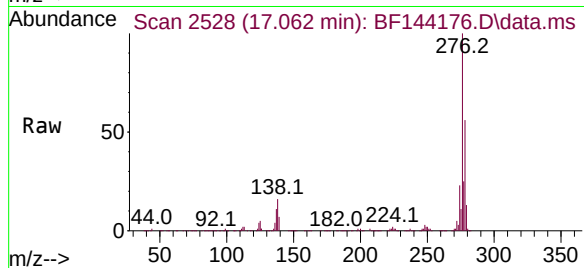
Tgt Ion:276 Resp: 1215637

Ion Ratio Lower Upper

276 100

138 16.6 13.9 20.9

277 24.9 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 80.454 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

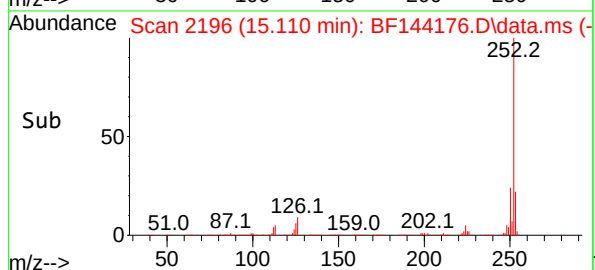
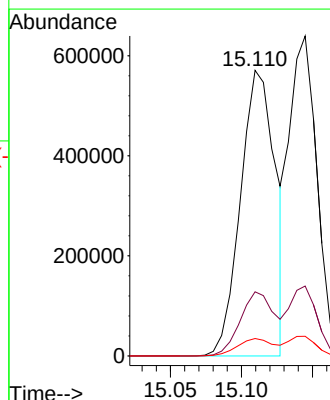
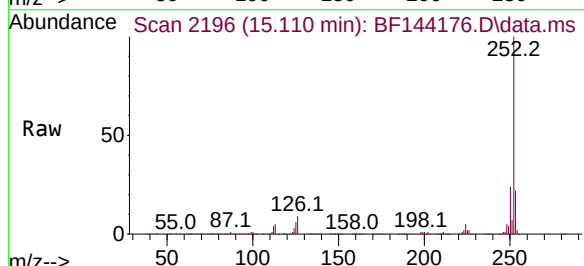
Tgt Ion:252 Resp: 975518

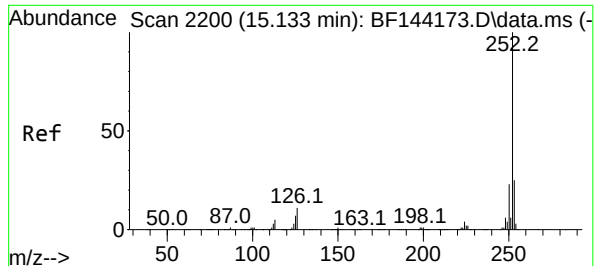
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 6.1 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 76.728 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

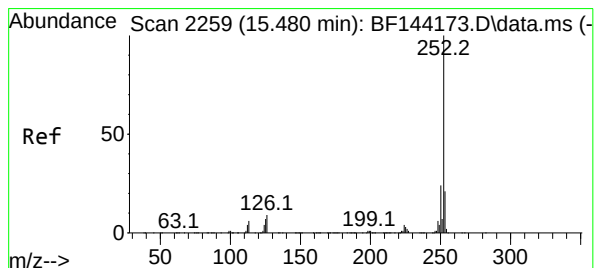
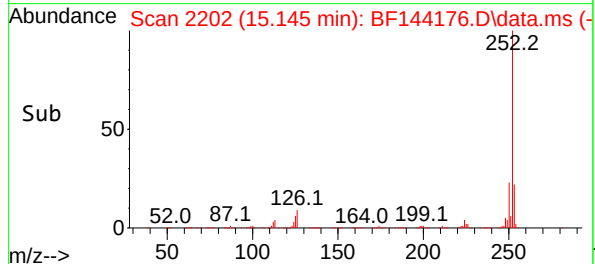
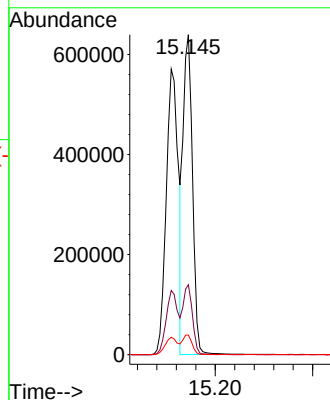
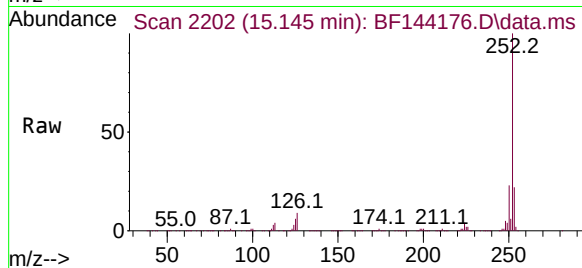
Tgt Ion:252 Resp: 870791

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 6.1 5.4 8.2



#90

Benzo(a)pyrene

Concen: 78.458 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

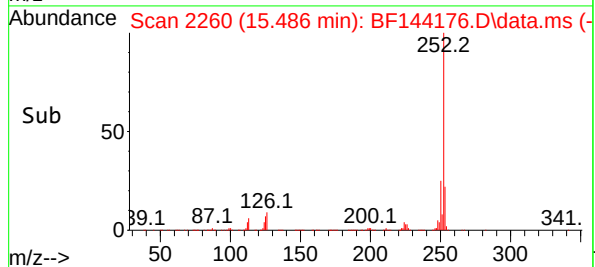
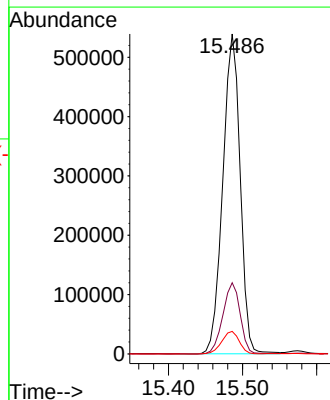
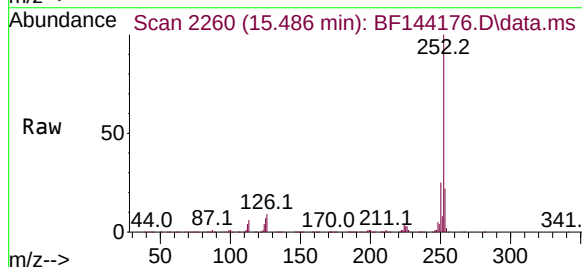
Tgt Ion:252 Resp: 877623

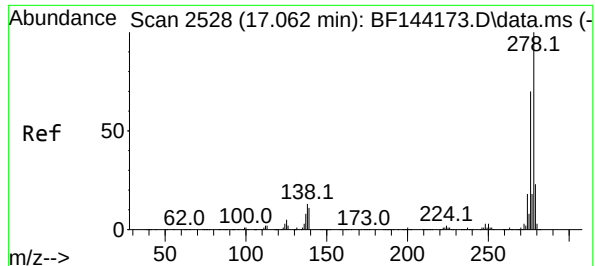
Ion Ratio Lower Upper

252 100

253 22.2 16.7 25.1

125 7.0 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 78.952 ng

RT: 17.080 min Scan# 2531

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

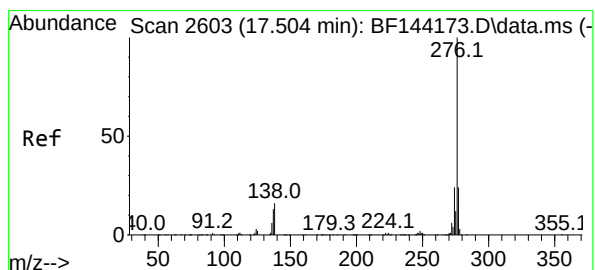
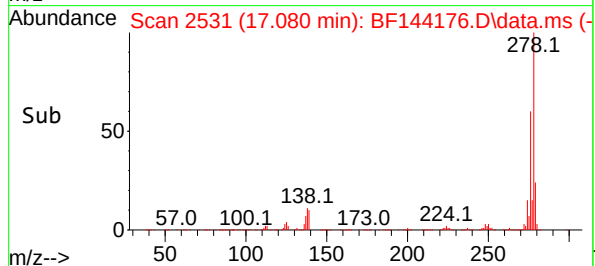
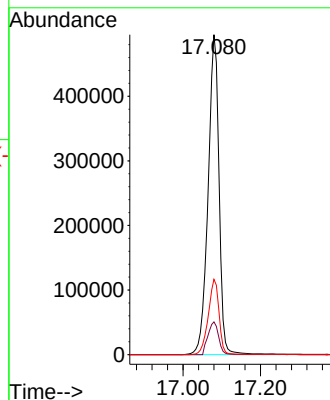
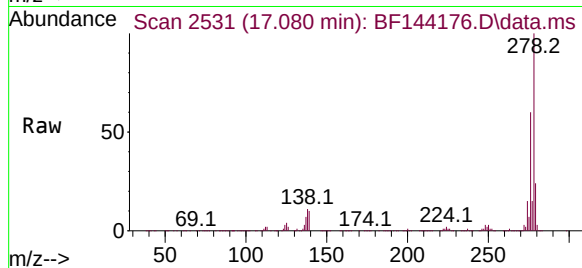
Tgt Ion:278 Resp: 970735

Ion Ratio Lower Upper

278 100

139 10.2 9.1 13.7

279 23.6 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 80.827 ng

RT: 17.521 min Scan# 2606

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

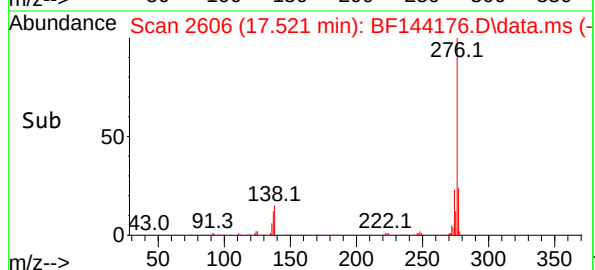
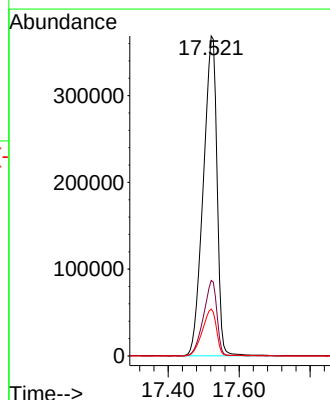
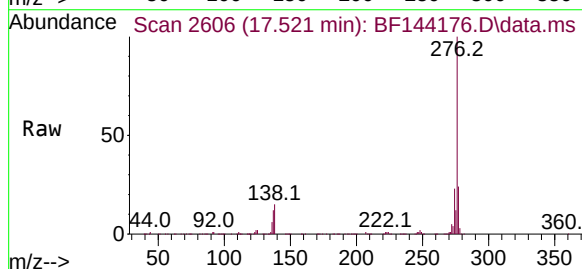
Tgt Ion:276 Resp: 981387

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 14.6 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69106	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	264133	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	143807	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	244964	20.000	ng	0.00
76) Chrysene-d12	14.057	240	162721	20.000	ng	0.00
86) Perylene-d12	15.539	264	215110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	310198	70.243	ng	0.00
7) Phenol-d6	6.498	99	347682	69.484	ng	-0.01
23) Nitrobenzene-d5	7.440	82	313737	68.601	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	122691	67.987	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	679055	69.741	ng	0.00
79) Terphenyl-d14	12.992	244	689624	67.318	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.605	88	63887	34.992	ng	99
3) Pyridine	3.375	79	165752	32.541	ng	98
4) n-Nitrosodimethylamine	3.322	42	96379	36.224	ng	99
6) Aniline	6.534	93	264913	37.159	ng	99
8) 2-Chlorophenol	6.657	128	151995	35.096	ng	100
9) Benzaldehyde	6.428	77	128101	45.337	ng	99
10) Phenol	6.516	94	217418	35.563	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	156661	35.167	ng	98
12) 1,3-Dichlorobenzene	6.816	146	192589	36.038	ng	98
13) 1,4-Dichlorobenzene	6.893	146	191978	35.858	ng	98
14) 1,2-Dichlorobenzene	7.045	146	189651	36.957	ng	98
15) Benzyl Alcohol	7.016	79	141026	35.593	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	289907	35.340	ng	99
17) 2-Methylphenol	7.122	107	119633	34.723	ng	97
18) Hexachloroethane	7.387	117	64124	36.050	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	112165	34.051	ng	95
20) 3+4-Methylphenols	7.275	107	145554	35.839	ng	# 89
22) Acetophenone	7.281	105	204331	36.061	ng	98
24) Nitrobenzene	7.457	77	172618	34.763	ng	99
25) Isophorone	7.692	82	300648	34.755	ng	100
26) 2-Nitrophenol	7.775	139	89771	36.521	ng	96
27) 2,4-Dimethylphenol	7.804	122	144915	39.334	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	191347	35.422	ng	98
29) 2,4-Dichlorophenol	8.016	162	144739	34.086	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	155562	35.677	ng	99
31) Naphthalene	8.181	128	438013	34.861	ng	99
32) Benzoic acid	7.916	122	81416m	30.148	ng	
33) 4-Chloroaniline	8.228	127	177275	38.685	ng	98
34) Hexachlorobutadiene	8.292	225	113543	34.552	ng	99
35) Caprolactam	8.592	113	38947	33.478	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	130667	34.336	ng	98
37) 2-Methylnaphthalene	8.869	142	268630	31.978	ng	99
38) 1-Methylnaphthalene	8.969	142	271310	33.472	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	173491	36.811	ng	98
41) Hexachlorocyclopentadiene	9.022	237	69987	46.350	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	113418	35.357	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:56:24 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 05 17:20:41 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	121621	35.179	ng	98
46) 1,1'-Biphenyl	9.334	154	366655	36.526	ng	99
47) 2-Chloronaphthalene	9.363	162	300481	35.092	ng	99
48) 2-Nitroaniline	9.457	65	88055	35.641	ng	97
49) Acenaphthylene	9.775	152	464616	39.818	ng	99
50) Dimethylphthalate	9.634	163	334163	35.076	ng	99
51) 2,6-Dinitrotoluene	9.698	165	70890	36.758	ng	97
52) Acenaphthene	9.951	154	262974	33.702	ng	98
53) 3-Nitroaniline	9.869	138	74572	35.372	ng	98
54) 2,4-Dinitrophenol	9.981	184	33460	28.732	ng	97
55) Dibenzofuran	10.122	168	389072	35.602	ng	99
56) 4-Nitrophenol	10.034	139	47167	30.929	ng	93
57) 2,4-Dinitrotoluene	10.104	165	92928	35.994	ng	98
58) Fluorene	10.463	166	298316	35.903	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	91542	37.425	ng	98
60) Diethylphthalate	10.333	149	304274	34.646	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	165662	35.002	ng	98
62) 4-Nitroaniline	10.481	138	70828	35.278	ng	97
63) Azobenzene	10.616	77	293901	35.958	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	52164	31.346	ng	96
66) n-Nitrosodiphenylamine	10.575	169	285930	36.292	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	106730	34.135	ng	97
68) Hexachlorobenzene	11.016	284	128202	34.810	ng	98
69) Atrazine	11.098	200	92182	36.790	ng	97
70) Pentachlorophenol	11.216	266	59981	32.706	ng	99
71) Phenanthrene	11.433	178	427466	35.049	ng	99
72) Anthracene	11.486	178	437609	35.286	ng	100
73) Carbazole	11.639	167	360909	34.224	ng	99
74) Di-n-butylphthalate	11.963	149	440261	34.535	ng	99
75) Fluoranthene	12.622	202	432624	34.338	ng	99
77) Benzidine	12.745	184	217389	45.165	ng	99
78) Pyrene	12.857	202	433110	33.011	ng	99
80) Butylbenzylphthalate	13.469	149	157485	34.633	ng	98
81) Benzo(a)anthracene	14.045	228	377686	33.489	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	153129	39.612	ng	96
83) Chrysene	14.086	228	359786	34.559	ng	97
84) Bis(2-ethylhexyl)phtha...	14.027	149	217122	34.880	ng	99
85) Di-n-octyl phthalate	14.645	149	377429	35.142	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	525298	34.019	ng	100
88) Benzo(b)fluoranthene	15.104	252	428292	35.021	ng	99
89) Benzo(k)fluoranthene	15.133	252	371234	32.431	ng	99
90) Benzo(a)pyrene	15.480	252	399556	35.415	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	423195	34.126	ng	99
92) Benzo(g,h,i)perylene	17.504	276	426866	34.857	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

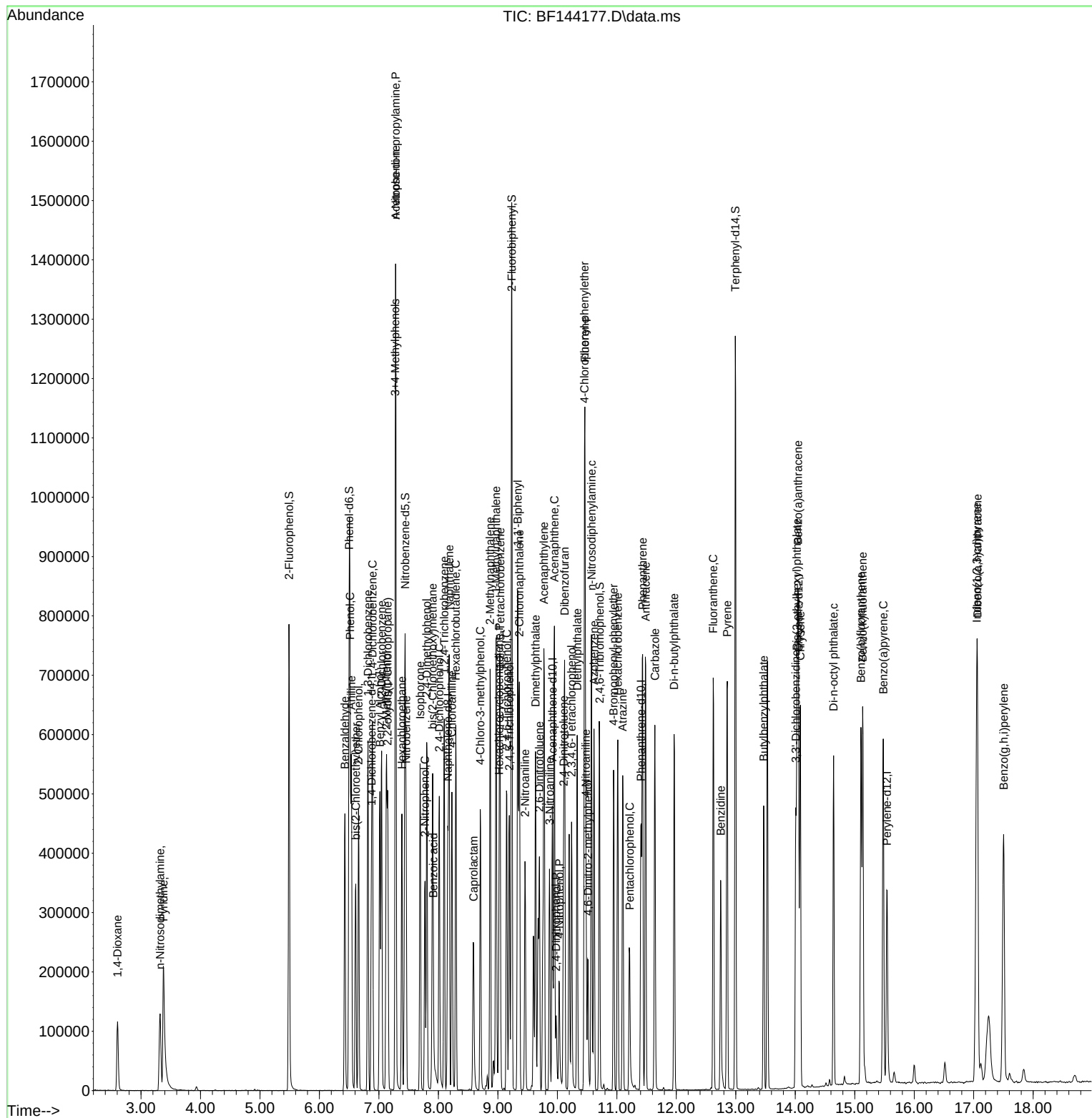
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\  
Data File : BF144177.D  
Acq On    : 05 Nov 2025 17:21  
Operator  : RC/JU  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 11 Sample Multiplier: 1
```

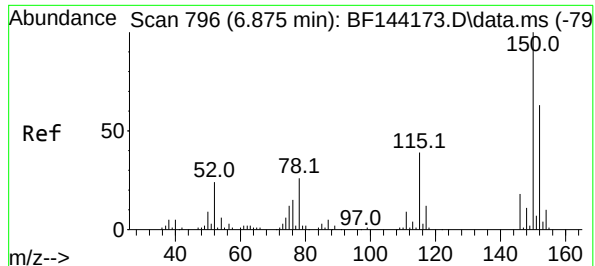
Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

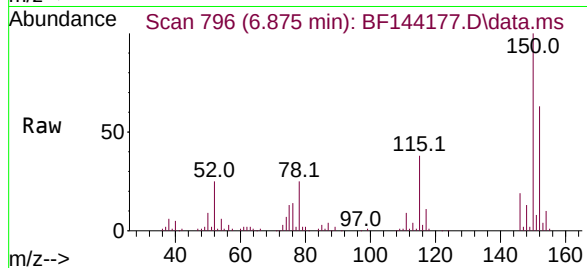
Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

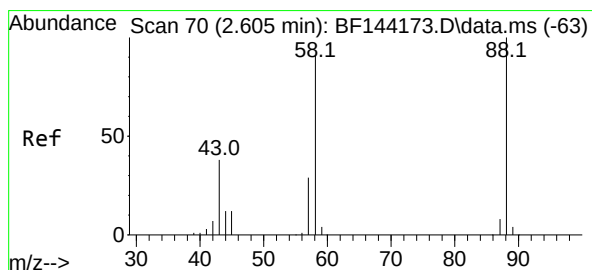
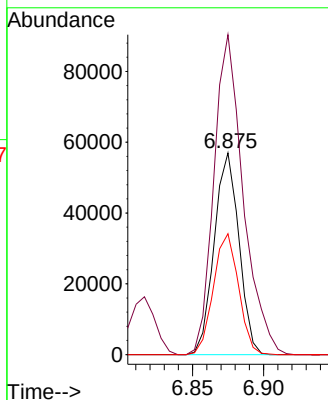
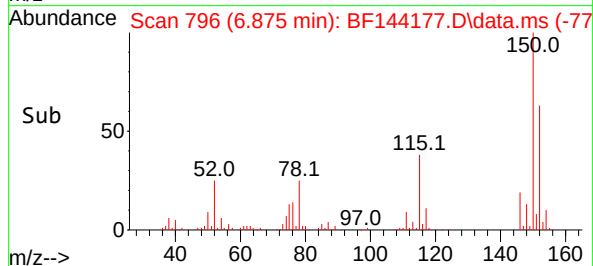
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:152 Resp: 69106
Ion Ratio Lower Upper
152 100
150 158.6 127.4 191.0
115 59.9 49.5 74.3

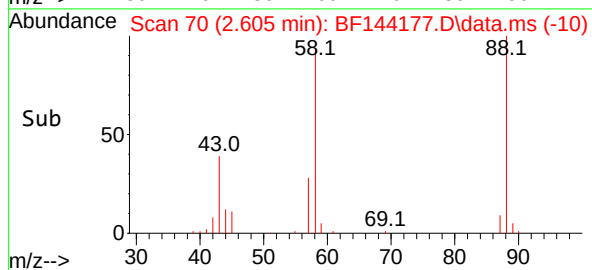
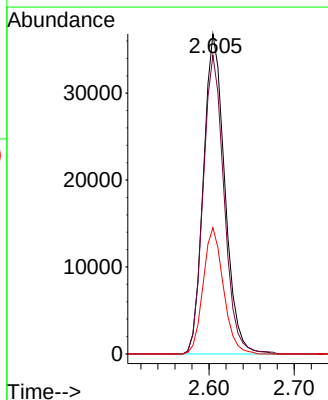
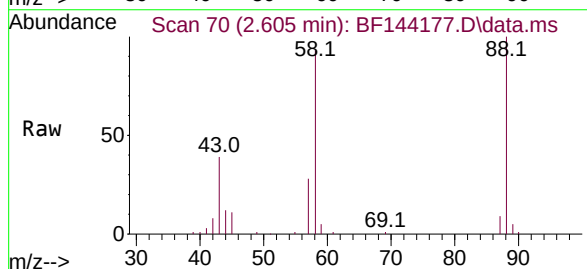
Manual Integrations
APPROVED

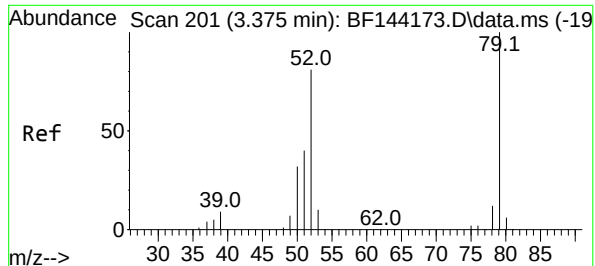
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#2
1,4-Dioxane
Concen: 34.992 ng
RT: 2.605 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

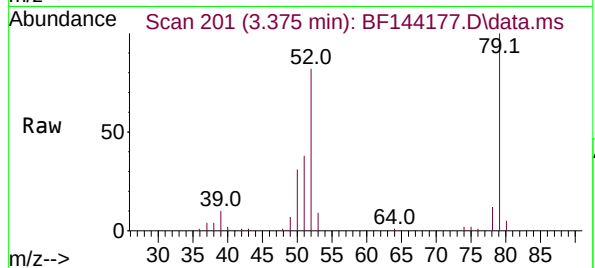
Tgt Ion: 88 Resp: 63887
Ion Ratio Lower Upper
88 100
58 91.6 73.1 109.7
43 37.5 31.0 46.6





#3
Pyridine
Concen: 32.541 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

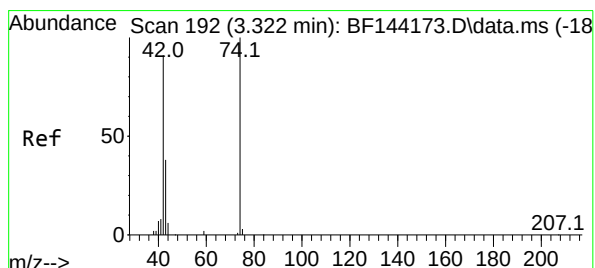
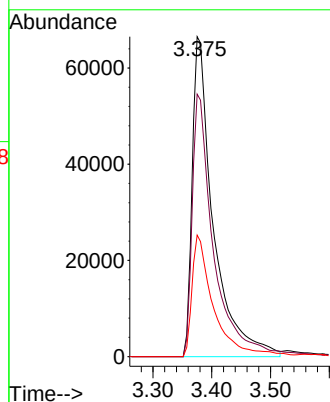
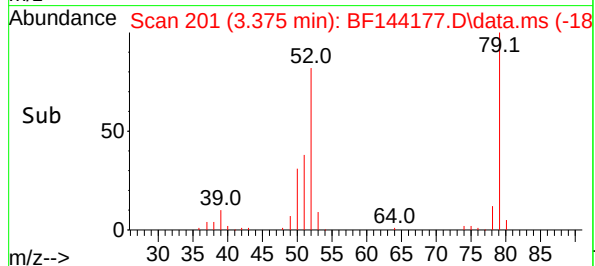
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion: 79 Resp: 165752
Ion Ratio Lower Upper
79 100
52 82.0 64.5 96.7
51 38.0 31.7 47.5

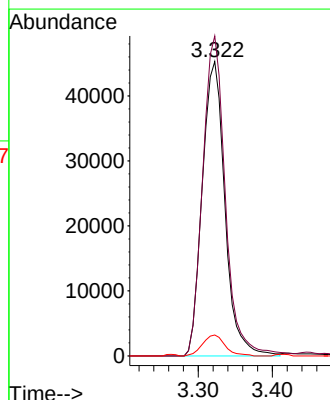
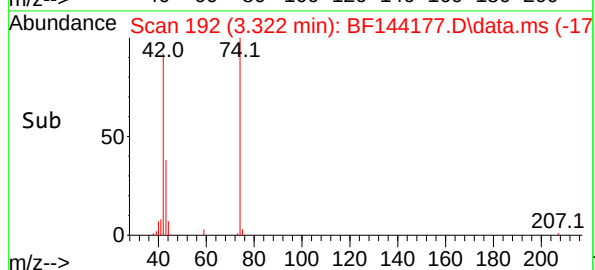
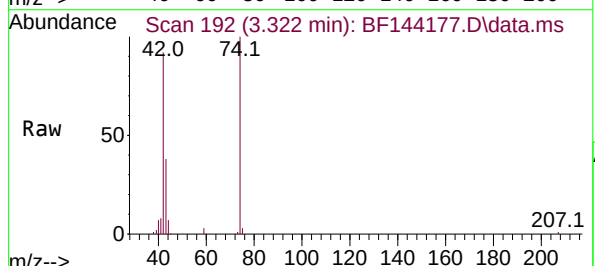
Manual Integrations
APPROVED

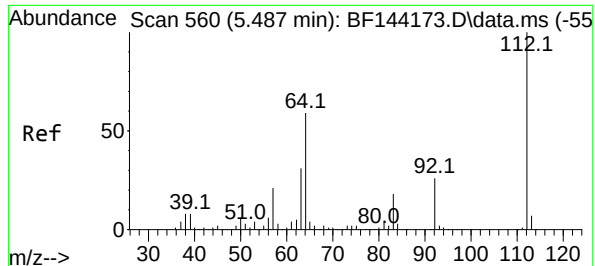
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#4
n-Nitrosodimethylamine
Concen: 36.224 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 42 Resp: 96379
Ion Ratio Lower Upper
42 100
74 108.7 88.2 132.4
44 7.1 5.7 8.5





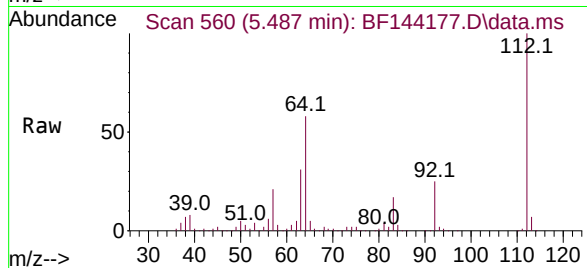
#5
2-Fluorophenol
Concen: 70.243 ng
RT: 5.487 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

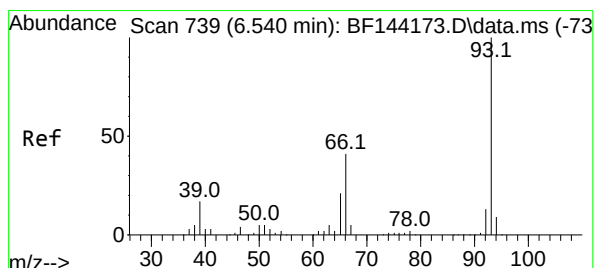
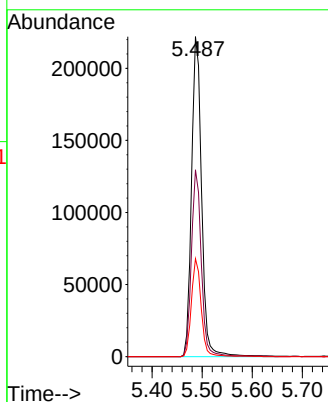
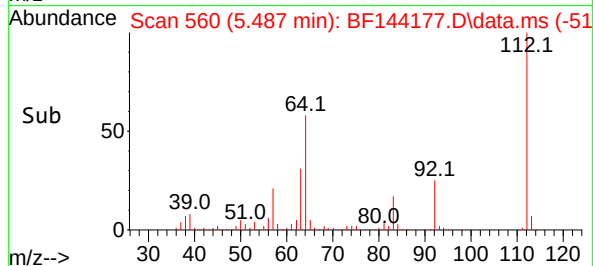


Tgt Ion:112 Resp: 310198
Ion Ratio Lower Upper
112 100
64 58.4 47.2 70.8
63 30.6 24.4 36.6

Manual Integrations

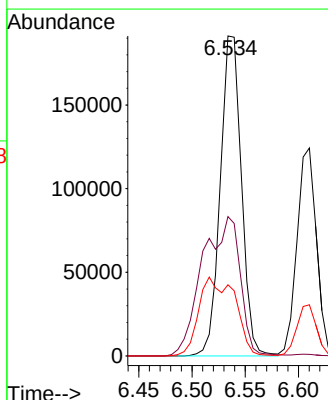
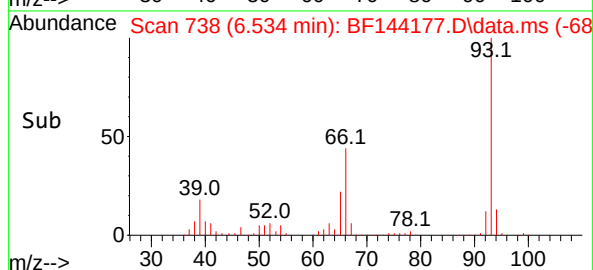
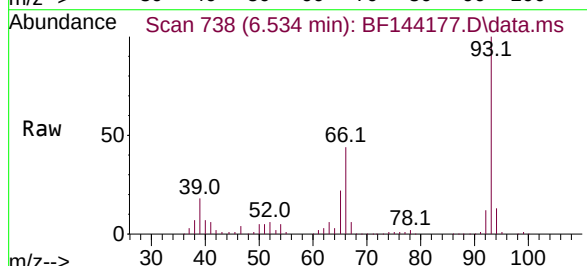
APPROVED

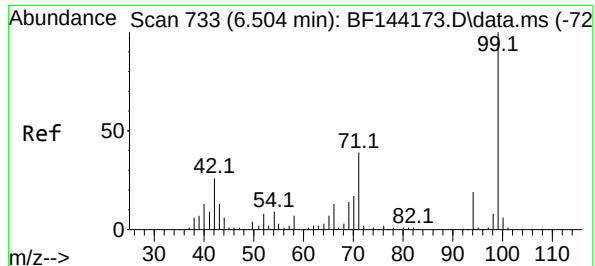
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#6
Aniline
Concen: 37.159 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

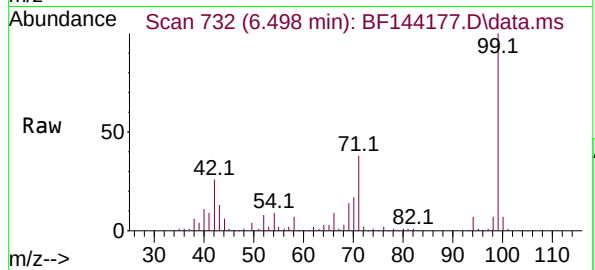
Tgt Ion: 93 Resp: 264913
Ion Ratio Lower Upper
93 100
66 43.5 34.3 51.5
65 22.2 16.9 25.3





#7
Phenol-d6
Concen: 69.484 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

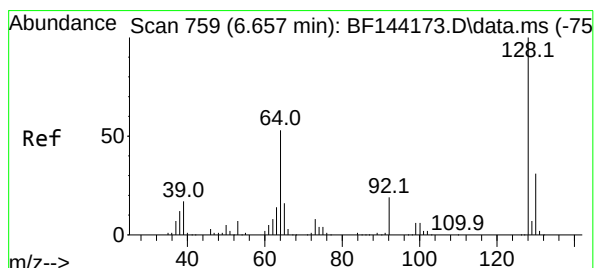
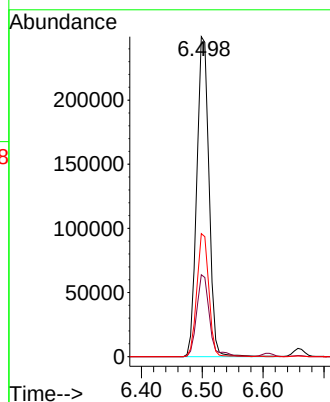
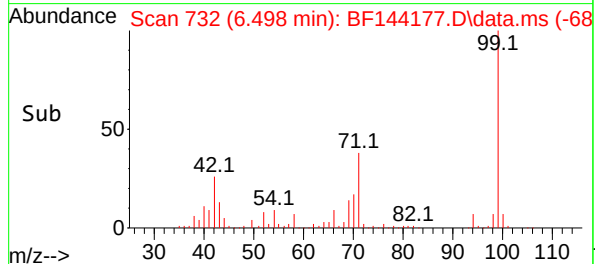
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion: 99 Resp: 347682
Ion Ratio Lower Upper
99 100
42 25.6 20.9 31.3
71 38.4 31.4 47.2

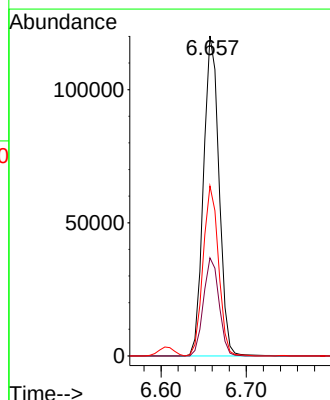
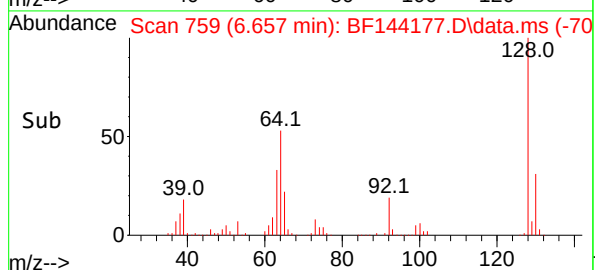
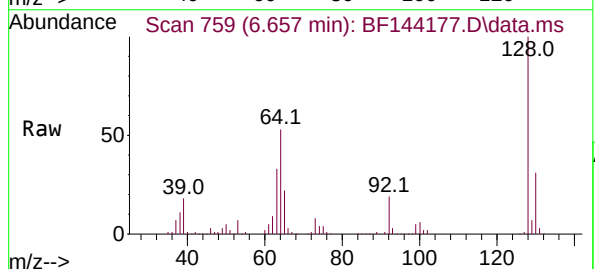
Manual Integrations
APPROVED

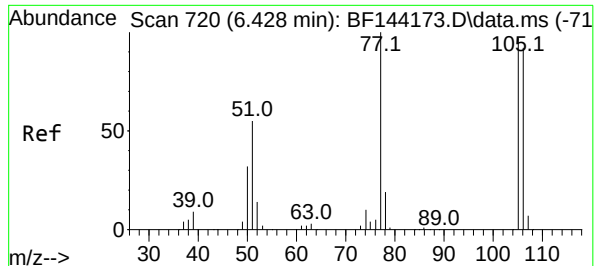
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#8
2-Chlorophenol
Concen: 35.096 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:128 Resp: 151995
Ion Ratio Lower Upper
128 100
130 30.6 10.5 50.5
64 53.1 33.2 73.2





#9

Benzaldehyde

Concen: 45.337 ng

RT: 6.428 min Scan# 720

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion: 77 Resp: 12810

Ion Ratio Lower Upper

77 100

105 95.1 77.2 117.2

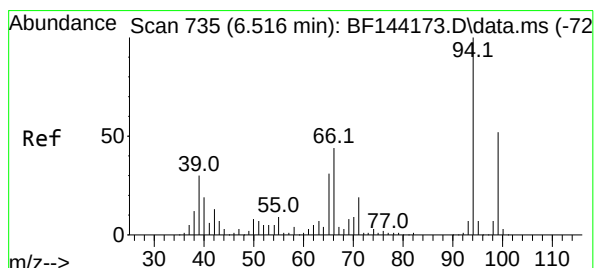
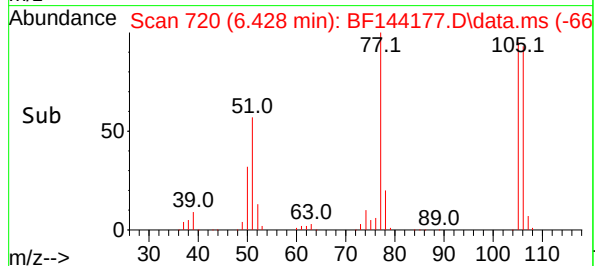
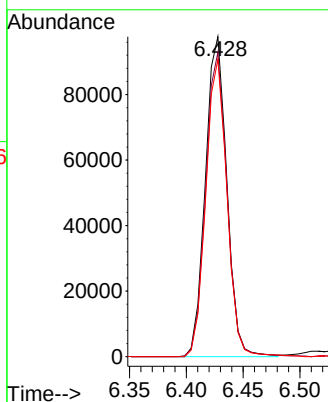
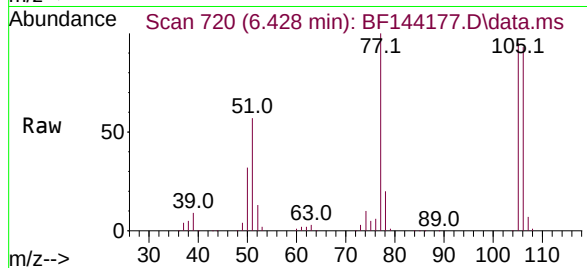
106 92.9 72.2 112.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#10

Phenol

Concen: 35.563 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

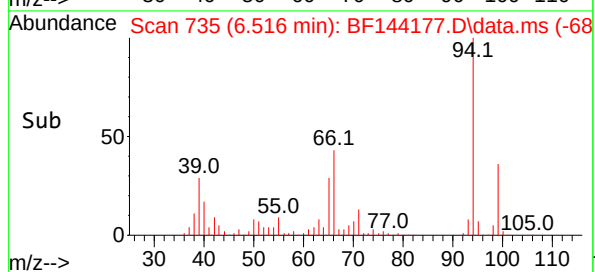
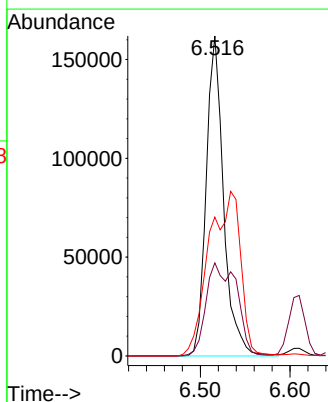
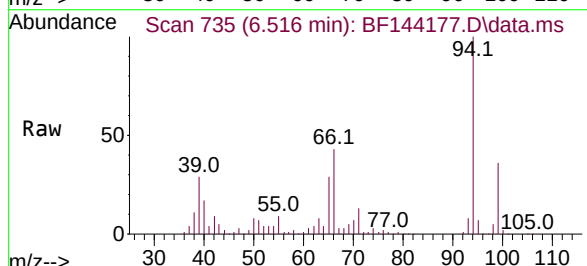
Tgt Ion: 94 Resp: 217418

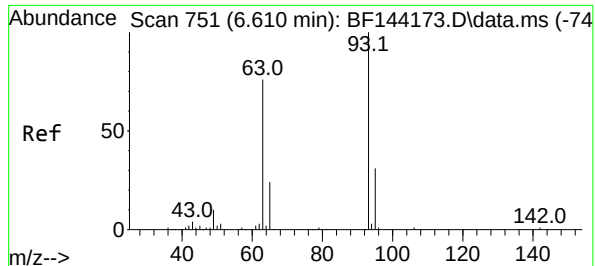
Ion Ratio Lower Upper

94 100

65 29.1 10.8 50.8

66 43.4 24.3 64.3





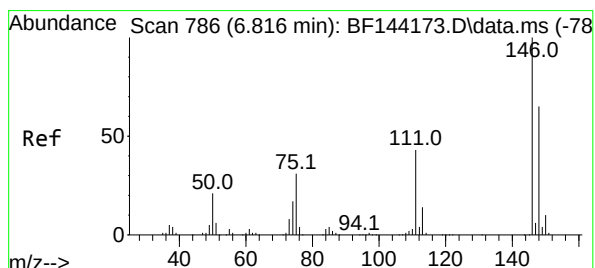
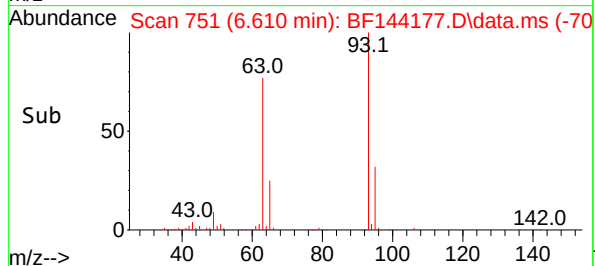
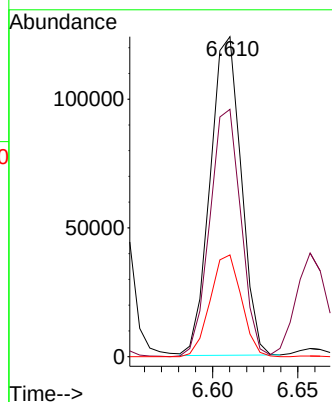
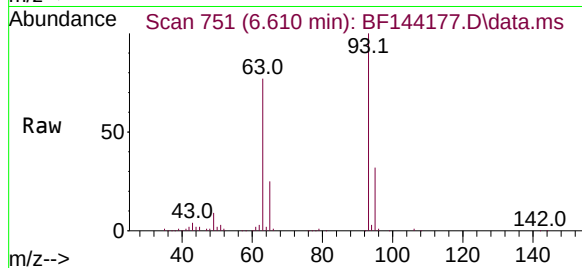
#11
bis(2-Chloroethyl)ether
Concen: 35.167 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion: 93 Resp: 156663
Ion Ratio Lower Upper
93 100
63 77.3 55.2 95.2
95 31.8 11.2 51.2

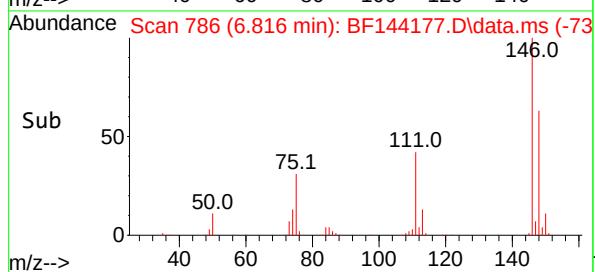
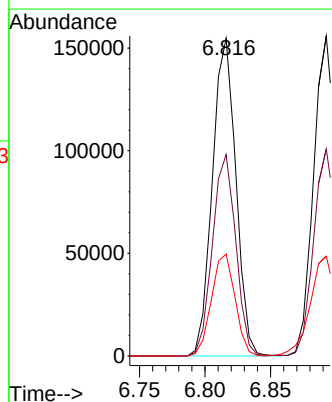
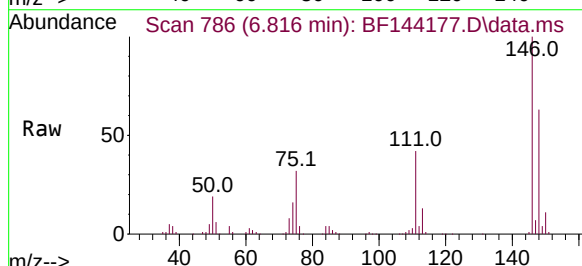
Manual Integrations
APPROVED

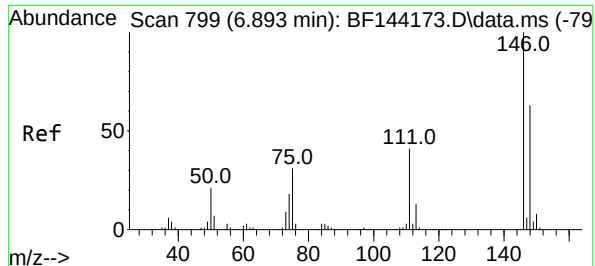
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#12
1,3-Dichlorobenzene
Concen: 36.038 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:146 Resp: 192589
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
75 32.1 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 35.858 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:146 Resp: 191978

Ion Ratio Lower Upper

146 100

148 64.7 50.2 75.2

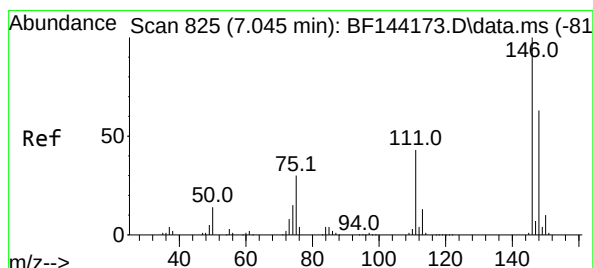
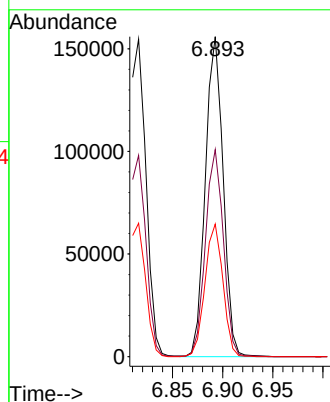
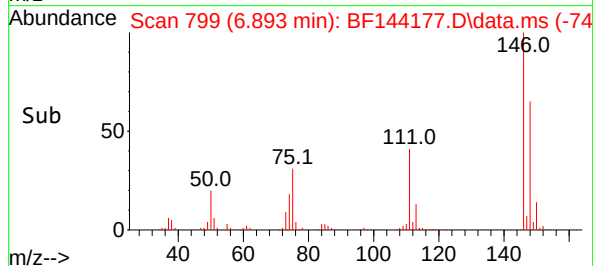
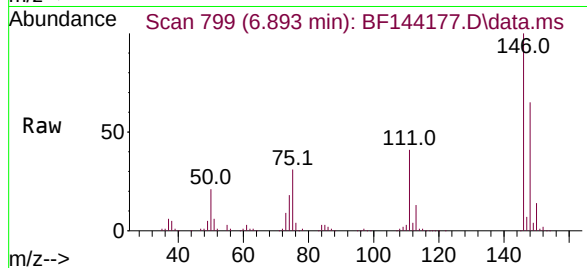
111 41.4 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#14

1,2-Dichlorobenzene

Concen: 36.957 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

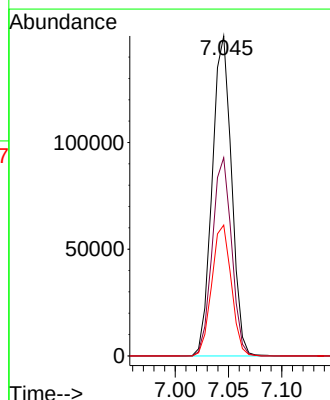
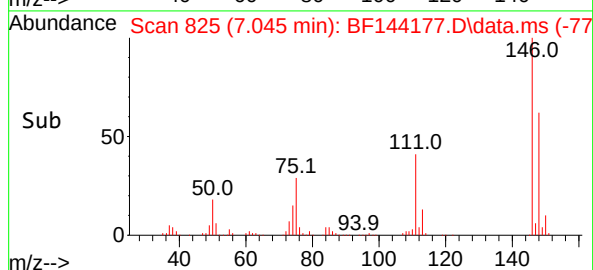
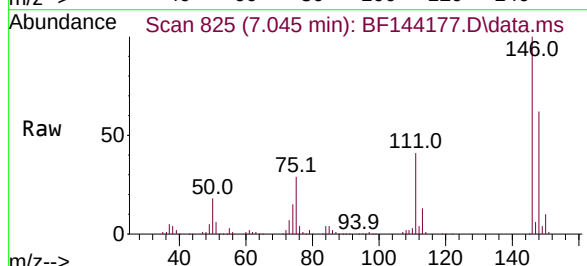
Tgt Ion:146 Resp: 189651

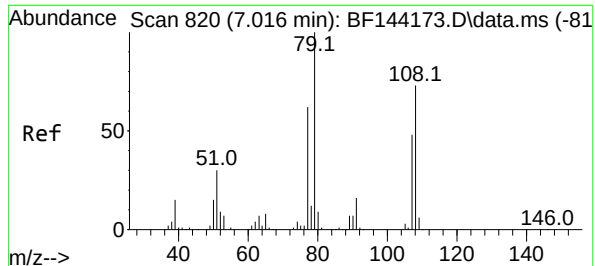
Ion Ratio Lower Upper

146 100

148 61.9 50.7 76.1

111 40.9 34.2 51.4





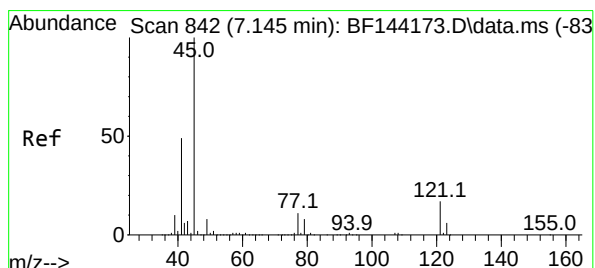
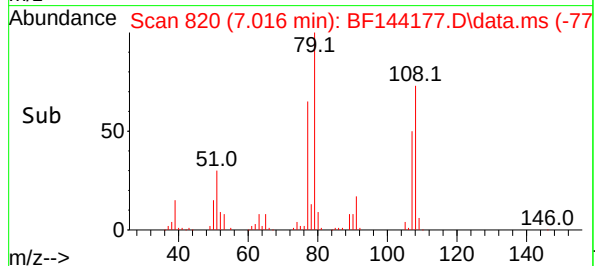
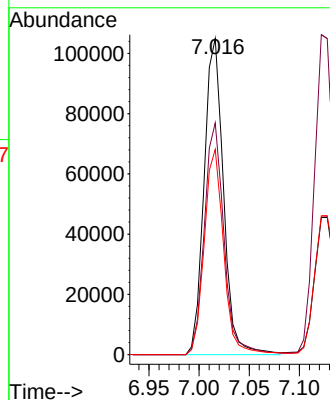
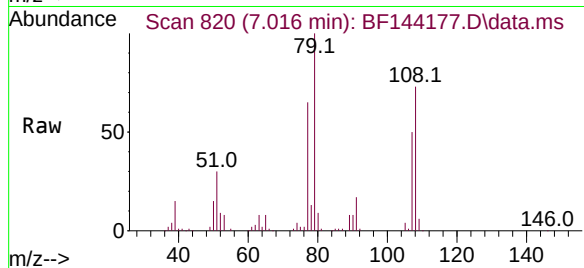
#15
Benzyl Alcohol
Concen: 35.593 ng
RT: 7.016 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion: 79 Resp: 141026
Ion Ratio Lower Upper
79 100
108 73.3 58.2 87.4
77 64.9 49.9 74.9

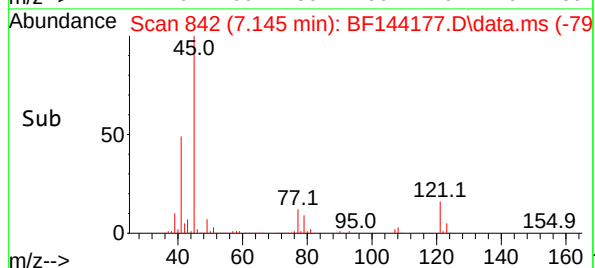
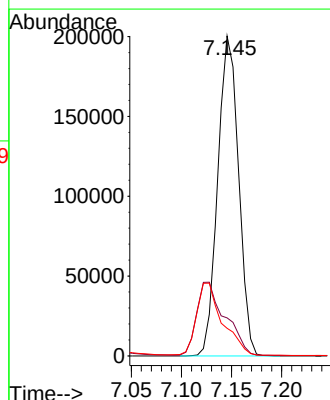
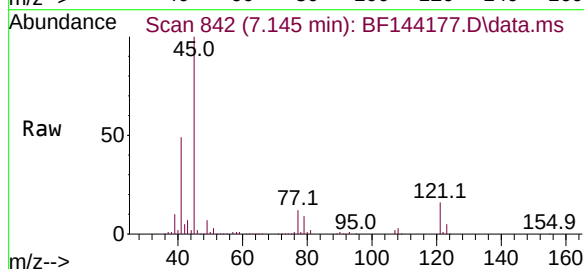
Manual Integrations
APPROVED

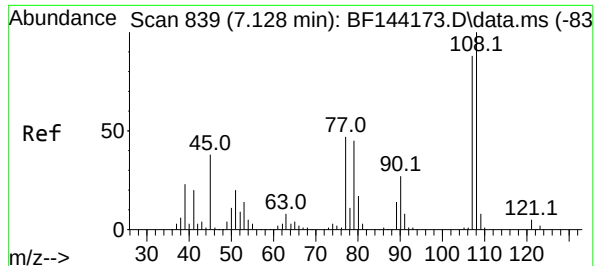
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.340 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

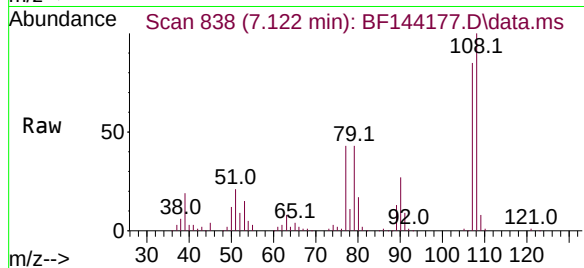
Tgt Ion: 45 Resp: 289907
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.8
79 8.6 0.0 29.1





#17
2-Methylphenol
Concen: 34.723 ng
RT: 7.122 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

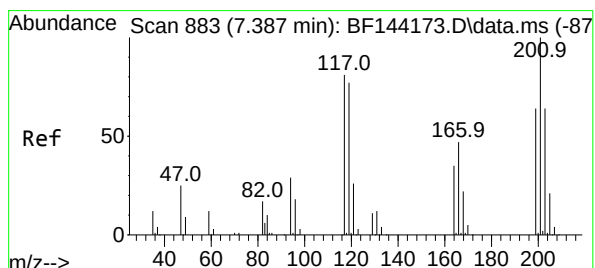
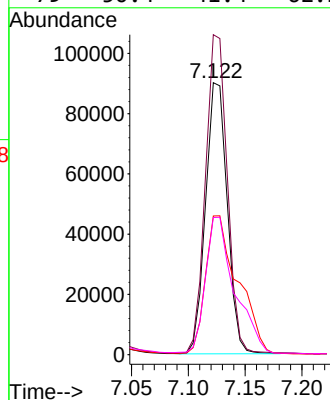
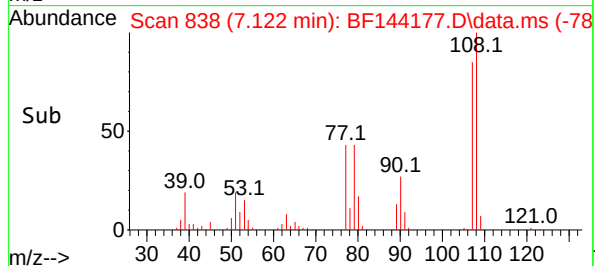
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:107 Resp: 119633
Ion Ratio Lower Upper
107 100
108 117.7 91.0 136.4
77 51.0 42.7 64.1
79 50.4 41.4 62.2

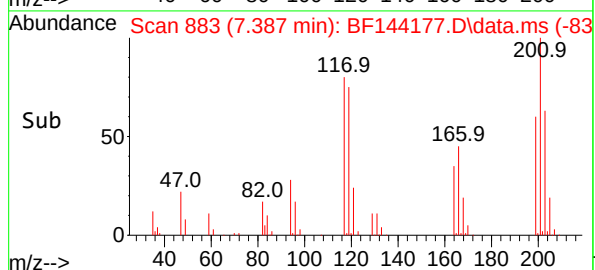
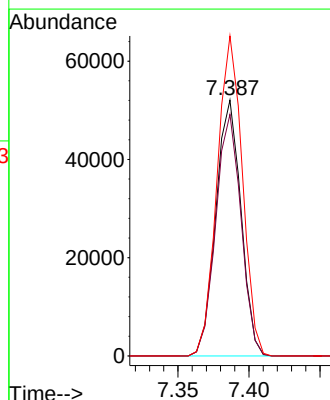
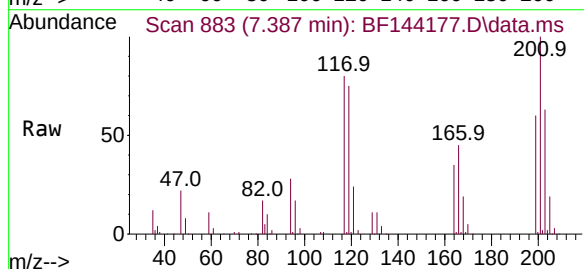
Manual Integrations
APPROVED

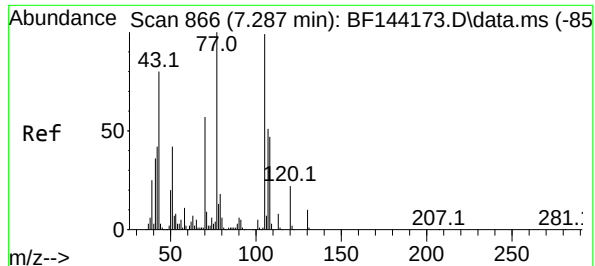
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#18
Hexachloroethane
Concen: 36.050 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:117 Resp: 64124
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.8
201 125.1 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 34.051 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion: 70 Resp: 112165

Ion Ratio Lower Upper

70 100

42 78.4 58.3 87.5

101 9.1 7.0 10.6

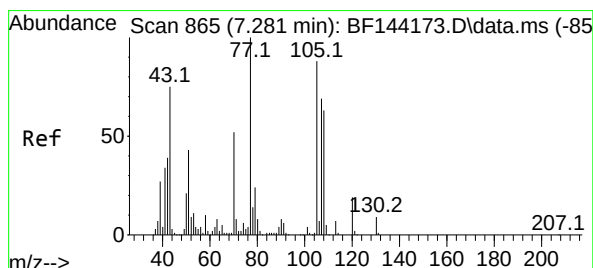
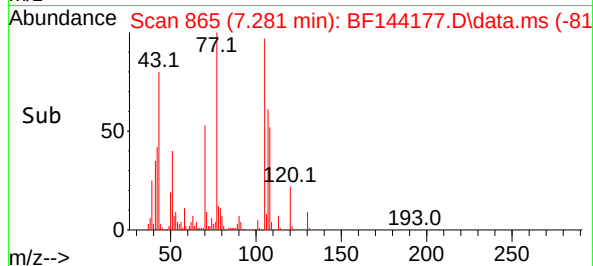
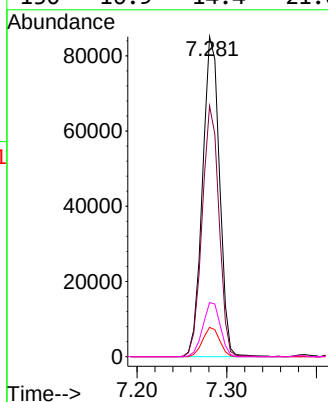
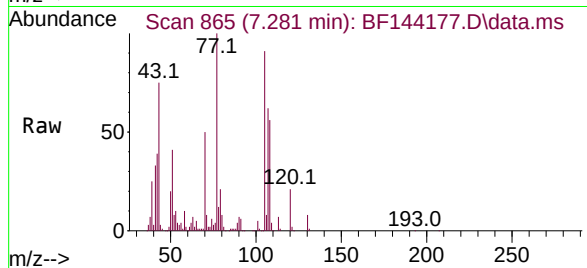
130 16.9 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#20

3+4-Methylphenols

Concen: 35.839 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Tgt Ion:107 Resp: 145554

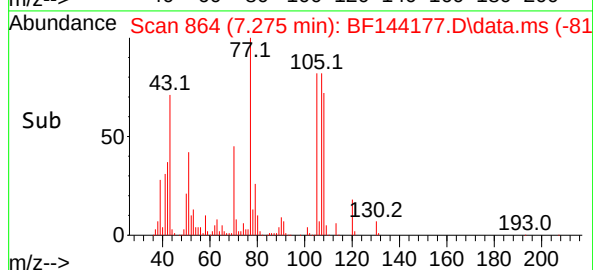
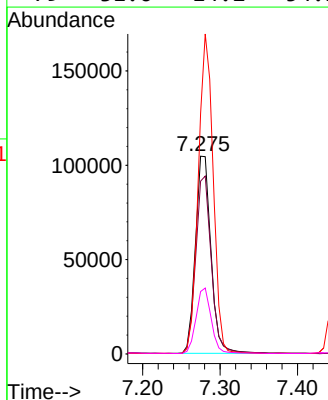
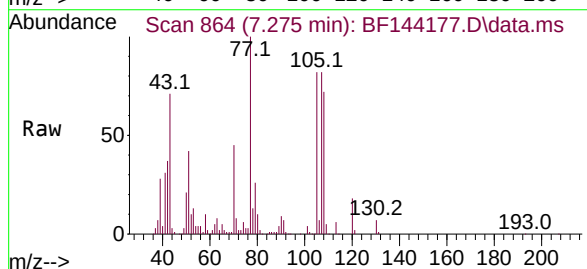
Ion Ratio Lower Upper

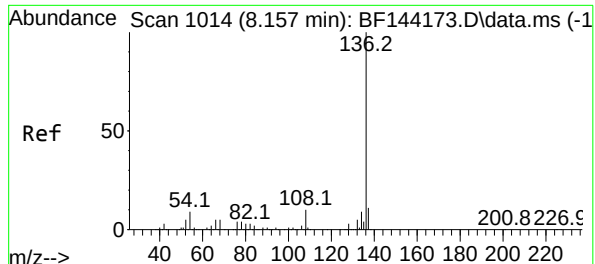
107 100

108 87.4 70.2 110.2

77 121.6 123.9 163.9#

79 31.6 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF144177.D

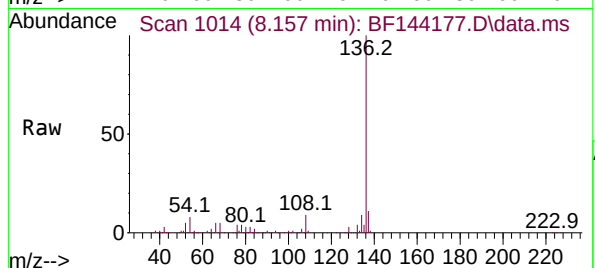
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



Tgt Ion:136 Resp: 264133

Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.4 7.0 10.6

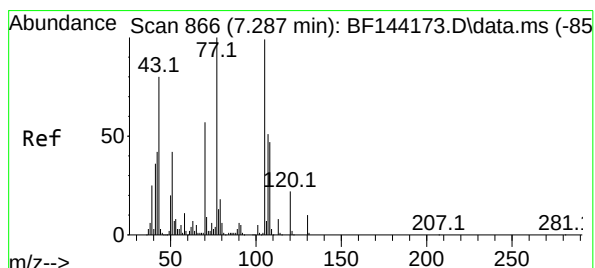
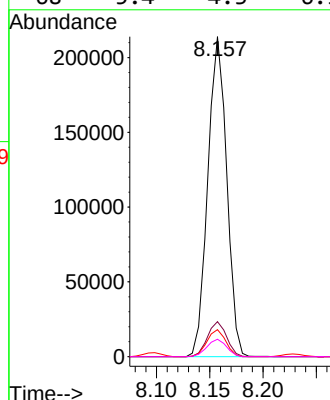
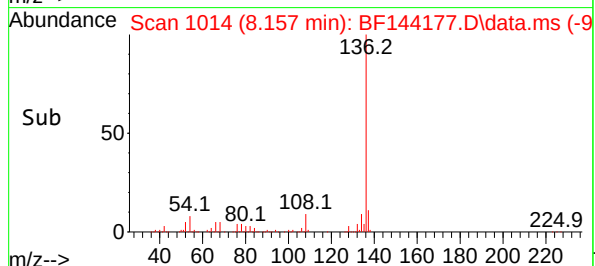
68 5.4 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#22

Acetophenone

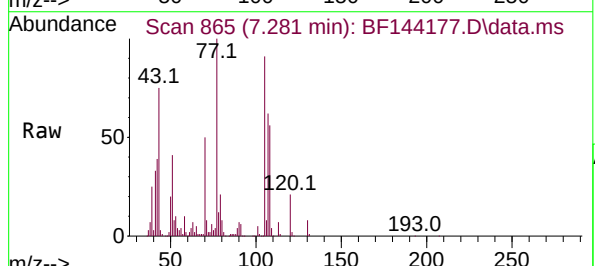
Concen: 36.061 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21



Tgt Ion:105 Resp: 204331

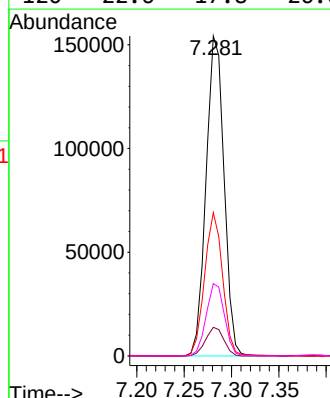
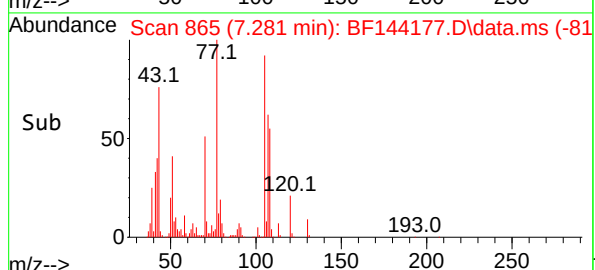
Ion Ratio Lower Upper

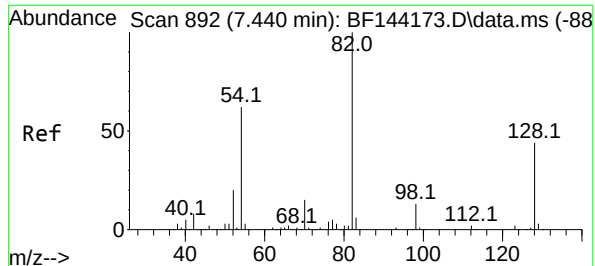
105 100

71 8.9 7.2 10.8

51 44.8 34.0 51.0

120 22.6 17.8 26.6





#23

Nitrobenzene-d5

Concen: 68.601 ng

RT: 7.440 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion: 82 Resp: 31373

Ion Ratio Lower Upper

82 100

128 43.8 34.7 52.1

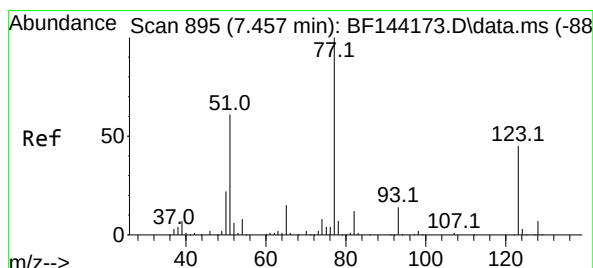
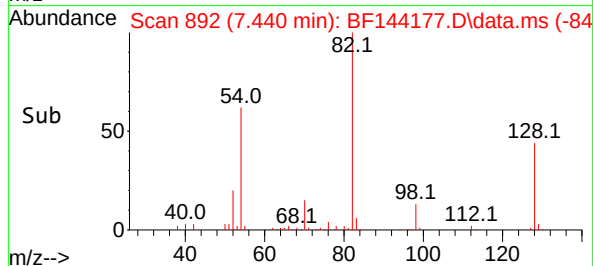
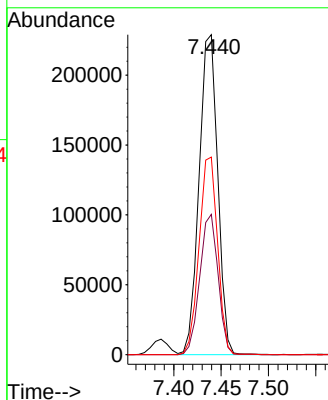
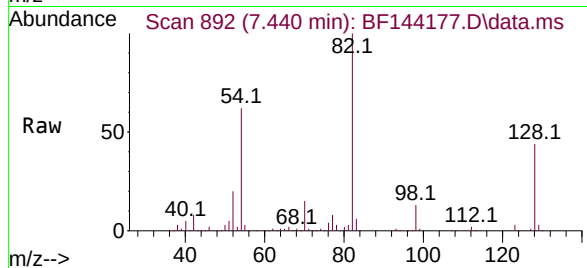
54 61.7 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#24

Nitrobenzene

Concen: 34.763 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

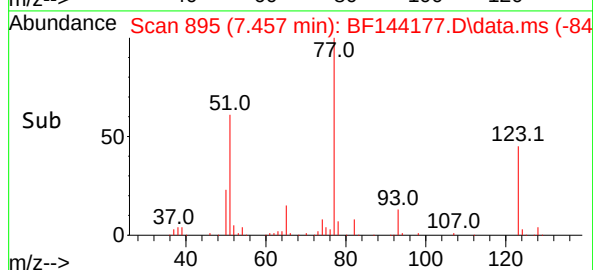
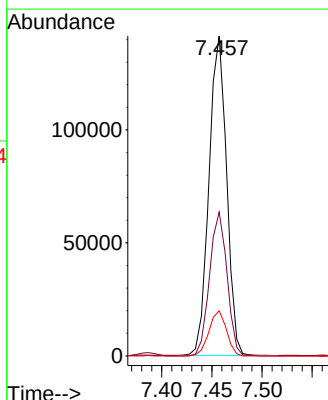
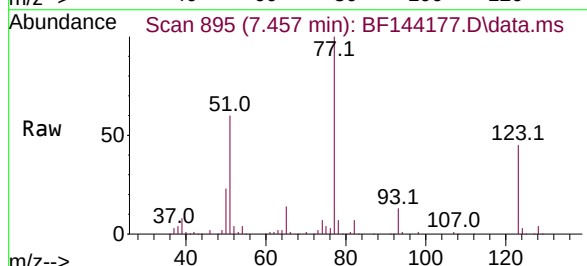
Tgt Ion: 77 Resp: 172618

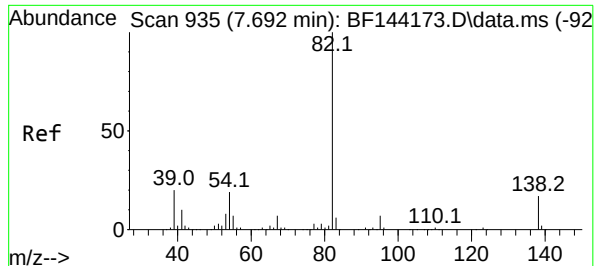
Ion Ratio Lower Upper

77 100

123 44.9 35.8 53.8

65 14.1 12.2 18.2





#25

Isophorone

Concen: 34.755 ng

RT: 7.692 min Scan# 935

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

Client Sample Id :

ICVBF110525

Tgt Ion: 82 Resp: 300648

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

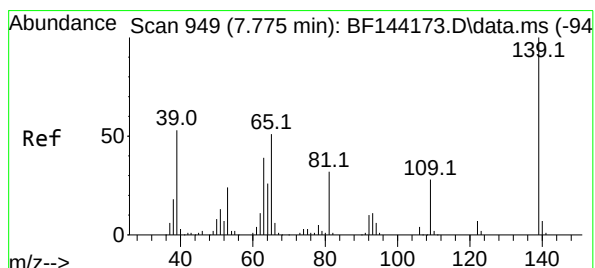
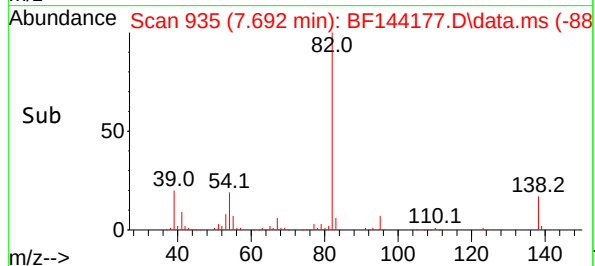
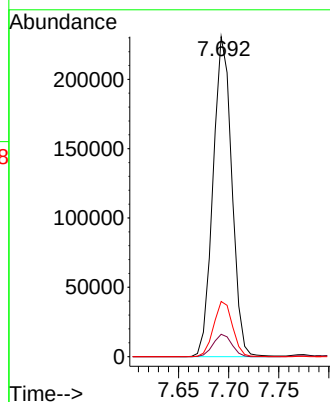
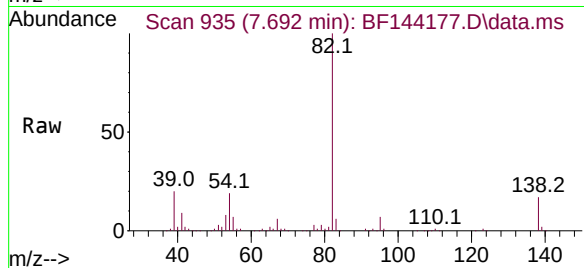
138 17.2 13.7 20.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#26

2-Nitrophenol

Concen: 36.521 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

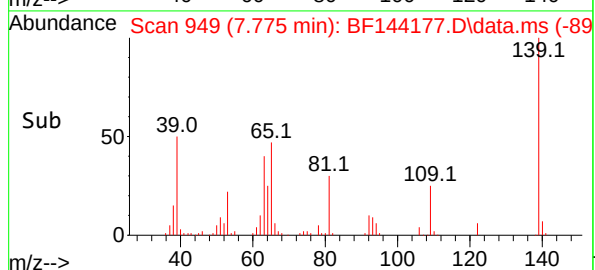
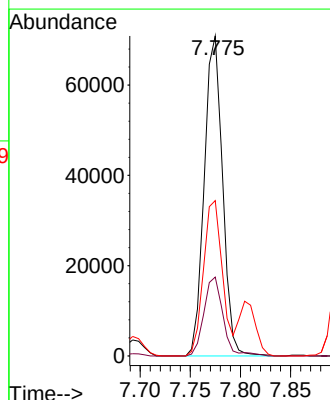
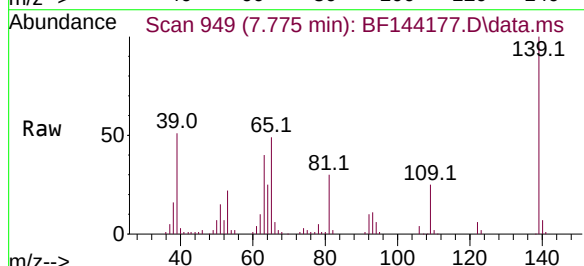
Tgt Ion:139 Resp: 89771

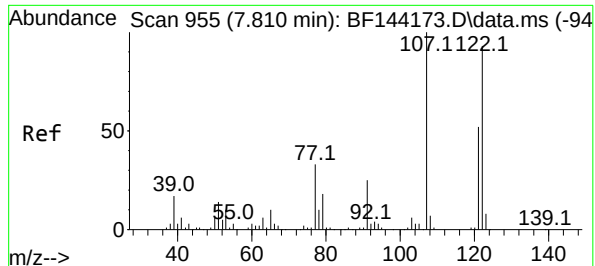
Ion Ratio Lower Upper

139 100

109 24.6 22.2 33.2

65 48.5 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 39.334 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

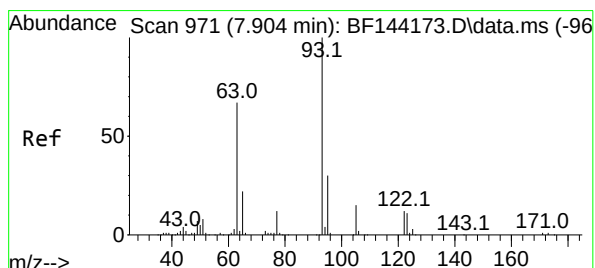
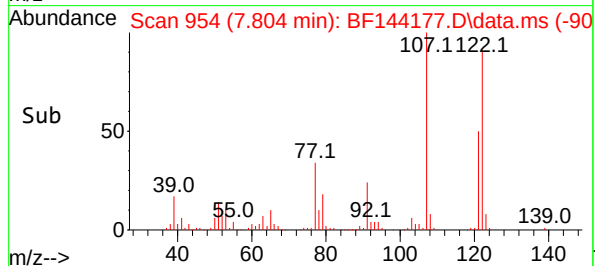
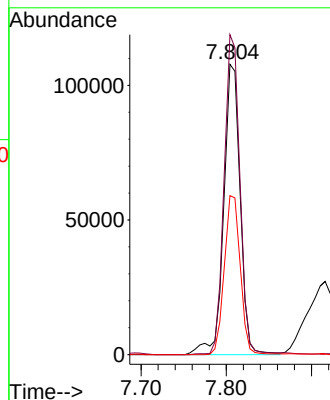
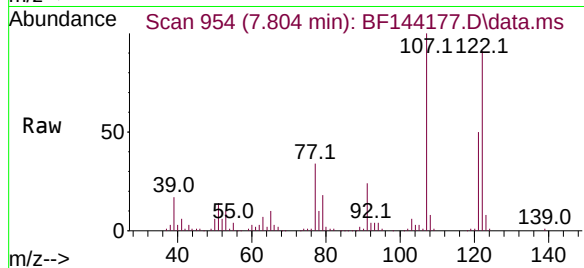
ICVBF110525

Tgt Ion:122 Resp: 144915
Ion Ratio Lower Upper
122 100
107 110.2 86.2 129.4
121 54.8 44.6 66.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 35.422 ng

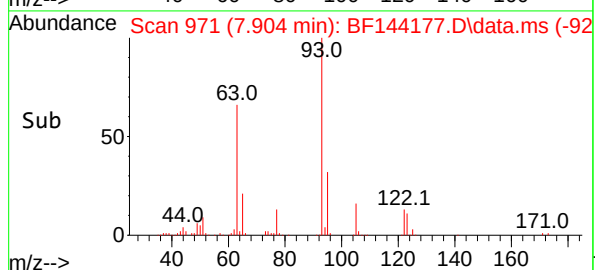
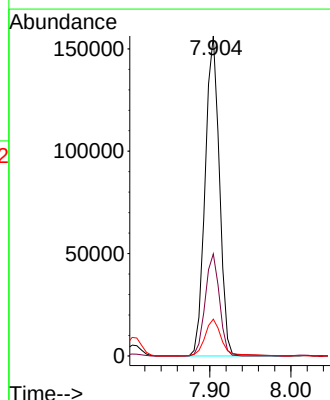
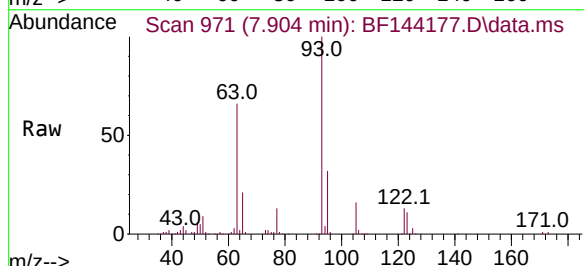
RT: 7.904 min Scan# 971

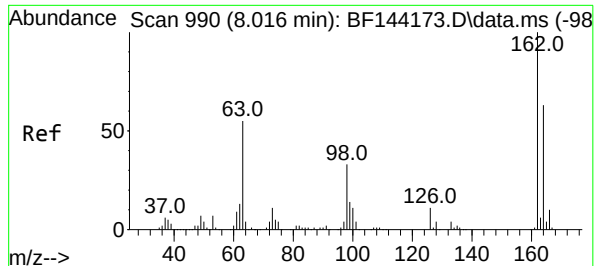
Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Tgt Ion: 93 Resp: 191347
Ion Ratio Lower Upper
93 100
95 31.9 24.2 36.4
123 11.5 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 34.086 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144177.D

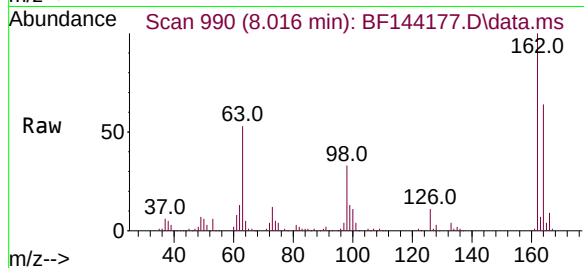
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



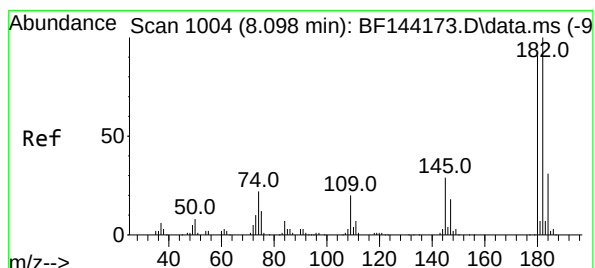
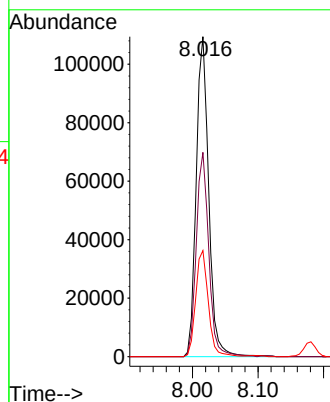
Tgt Ion:162	Resp: 144739
Ion Ratio	Lower Upper
162	100
164	63.8 42.9 82.9
98	33.1 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#30

1,2,4-Trichlorobenzene

Concen: 35.677 ng

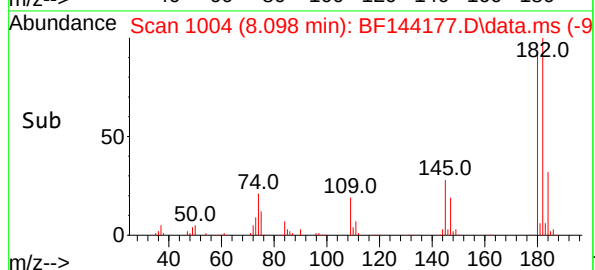
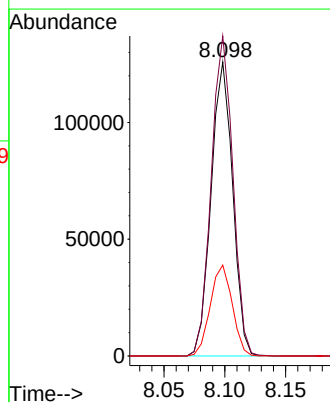
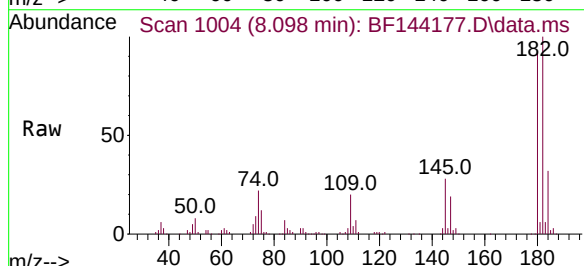
RT: 8.098 min Scan# 1004

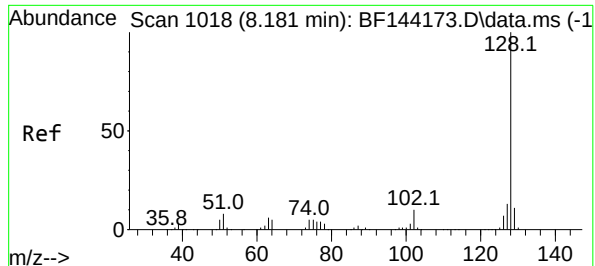
Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

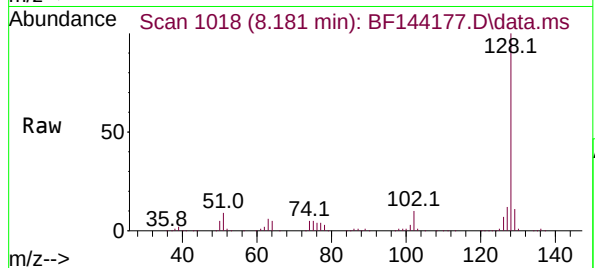
Tgt Ion:180	Resp: 155562
Ion Ratio	Lower Upper
180	100
182	108.9 87.7 131.5
145	30.9 25.4 38.0





#31
Naphthalene
Concen: 34.861 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

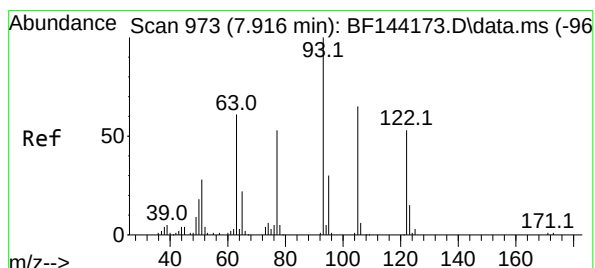
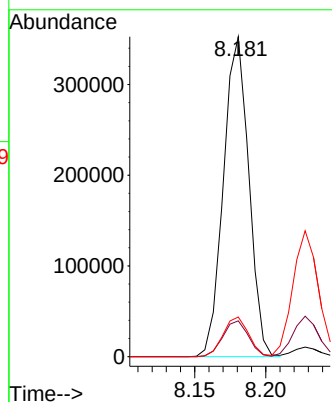
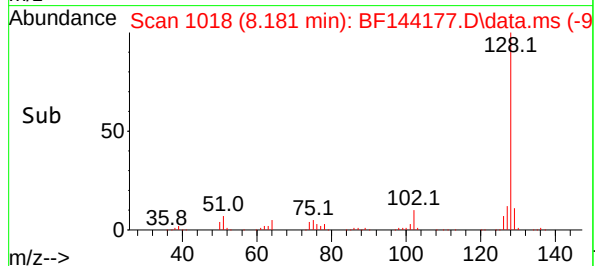
Instrument :
BNA_F
Client Sample Id :
ICVBF110525



Tgt Ion:128 Resp: 438013
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.4 10.3 15.5

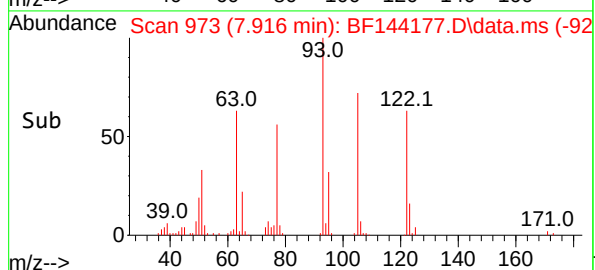
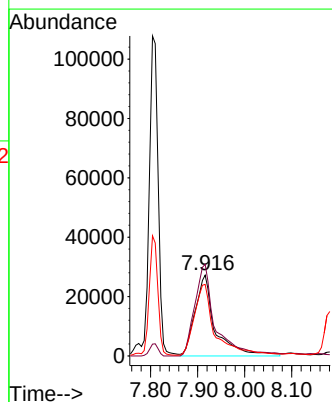
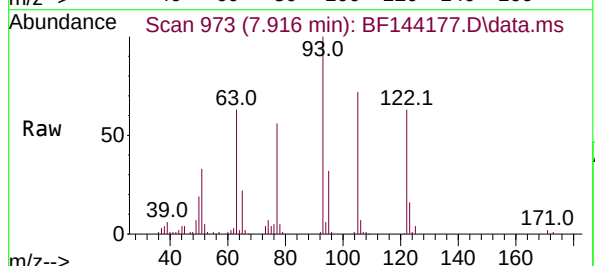
Manual Integrations
APPROVED

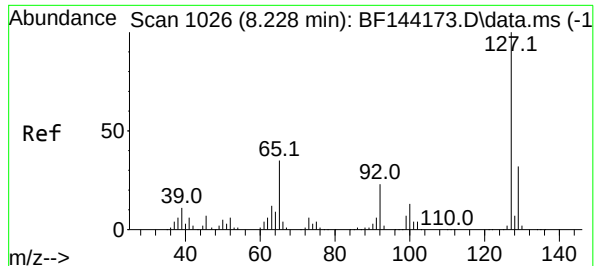
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#32
Benzoic acid
Concen: 30.148 ng m
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

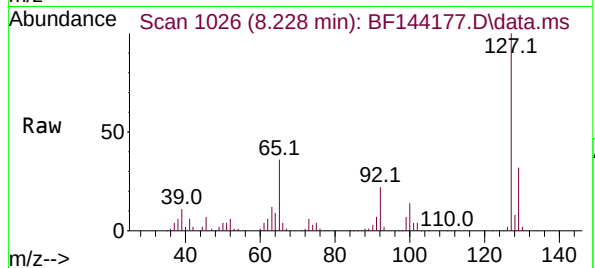
Tgt Ion:122 Resp: 81416
Ion Ratio Lower Upper
122 100
105 113.5 99.9 139.9
77 88.6 77.5 117.5





#33
4-Chloroaniline
Concen: 38.685 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

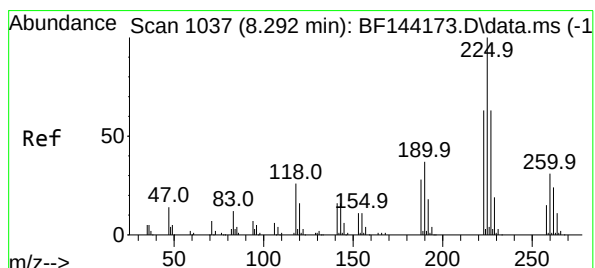
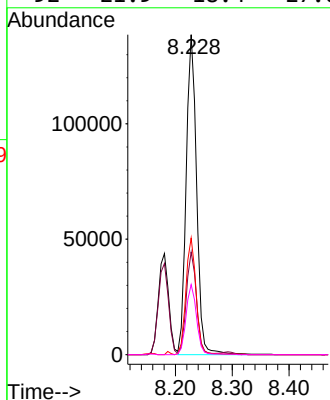
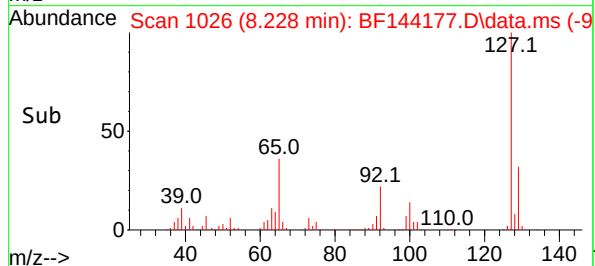
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:127 Resp: 177275
Ion Ratio Lower Upper
127 100
129 32.1 25.3 37.9
65 36.4 27.6 41.4
92 21.9 18.4 27.6

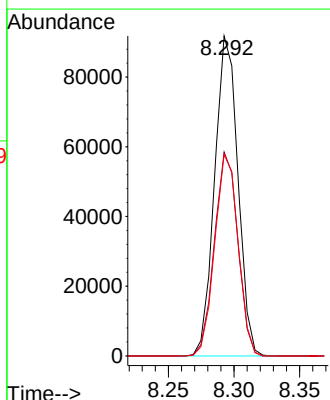
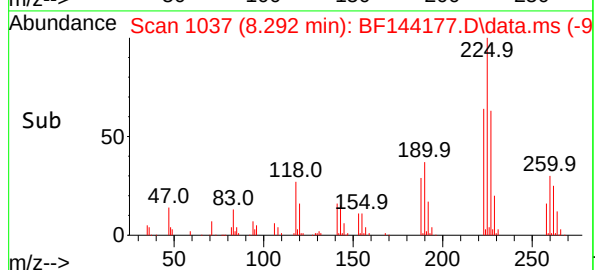
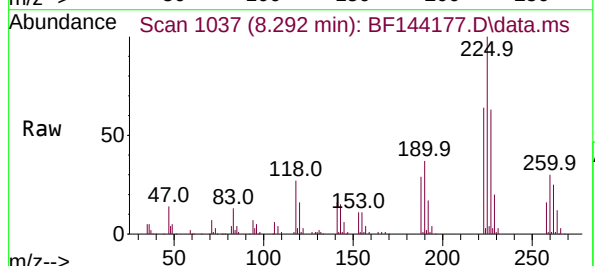
Manual Integrations
APPROVED

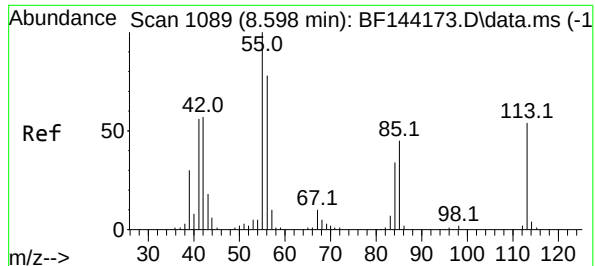
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#34
Hexachlorobutadiene
Concen: 34.552 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:225 Resp: 113543
Ion Ratio Lower Upper
225 100
223 63.7 50.2 75.4
227 62.9 50.1 75.1





#35

Caprolactam

Concen: 33.478 ng

RT: 8.592 min Scan# 1088

Delta R.T. -0.029 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

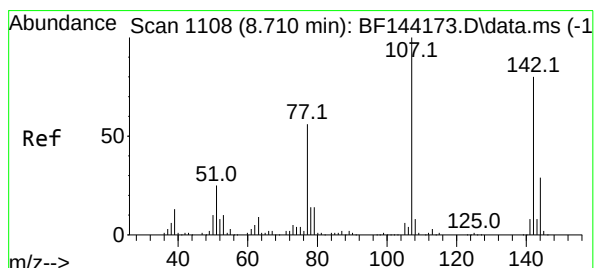
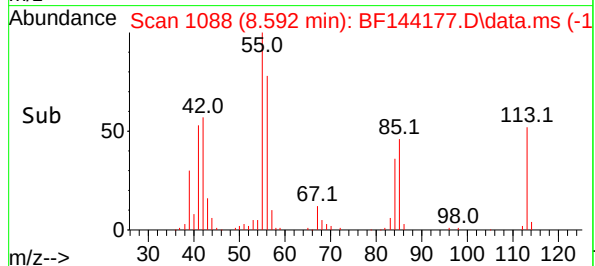
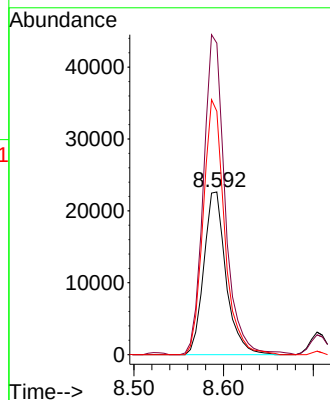
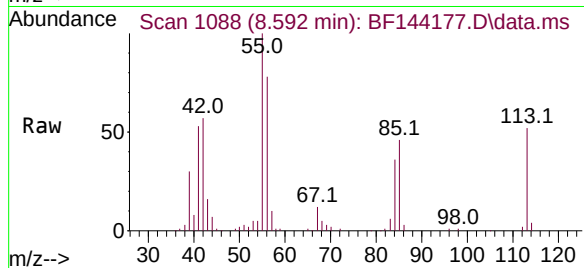
Tgt Ion:	113	Resp:	3894
Ion	Ratio	Lower	Upper
113	100		
55	191.5	166.8	206.8
56	149.7	125.9	165.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#36

4-Chloro-3-methylphenol

Concen: 34.336 ng

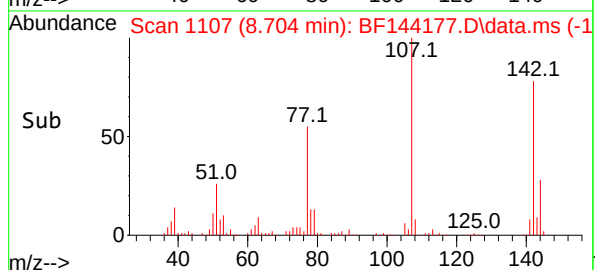
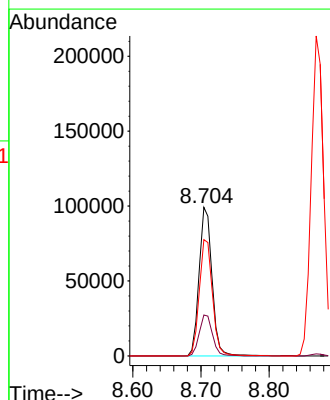
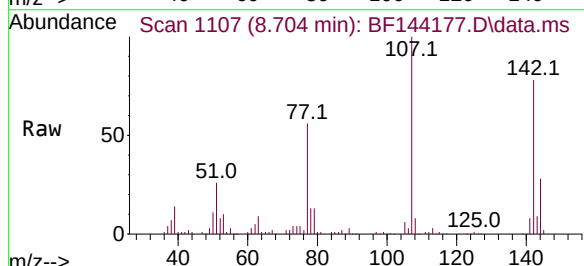
RT: 8.704 min Scan# 1107

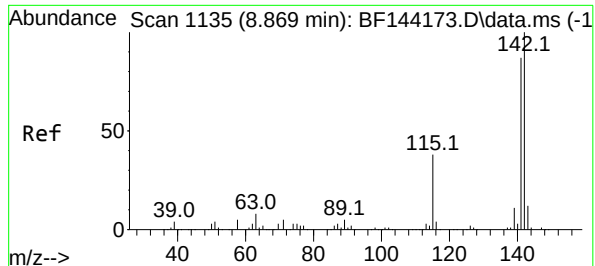
Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Tgt Ion:	107	Resp:	130667
Ion	Ratio	Lower	Upper
107	100		
144	27.5	23.3	34.9
142	78.3	63.8	95.6





#37

2-Methylnaphthalene

Concen: 31.978 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:142 Resp: 268630

Ion Ratio Lower Upper

142 100

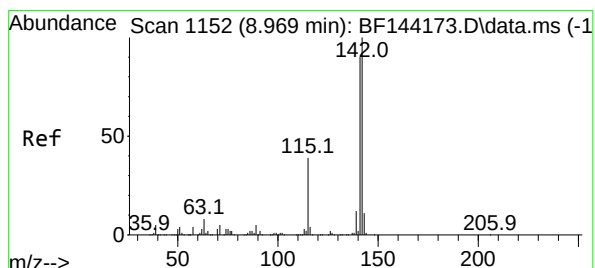
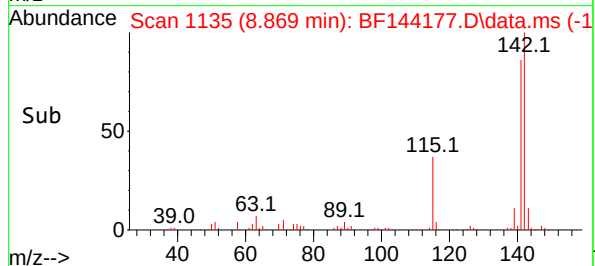
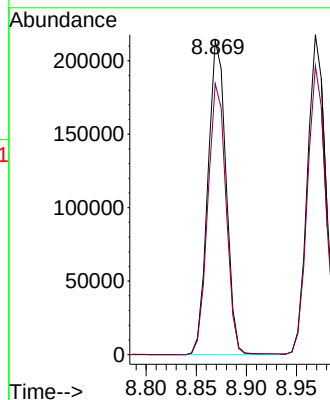
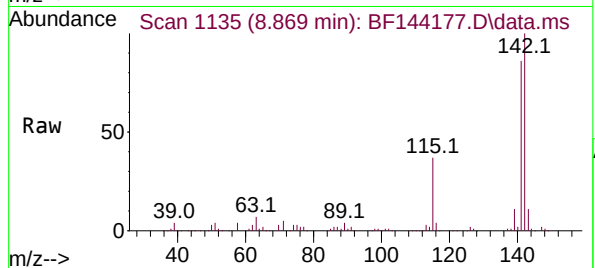
141 86.3 69.9 104.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#38

1-Methylnaphthalene

Concen: 33.472 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144177.D

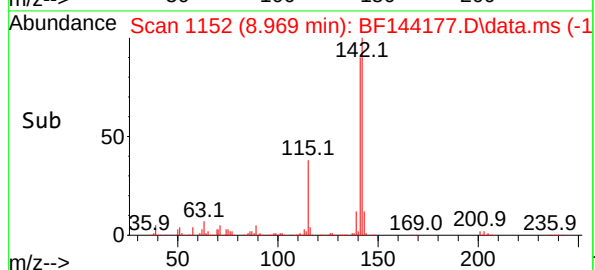
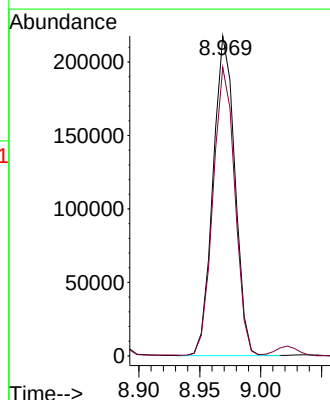
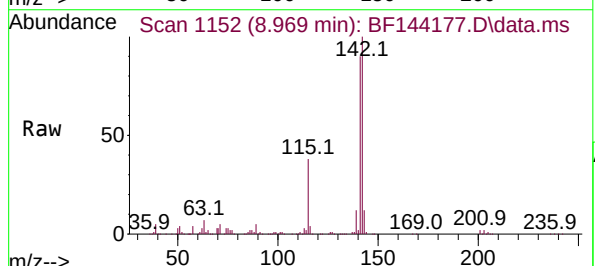
Acq: 05 Nov 2025 17:21

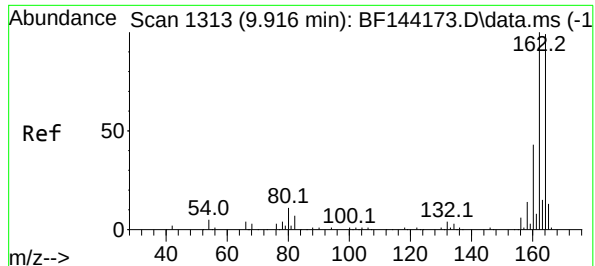
Tgt Ion:142 Resp: 271310

Ion Ratio Lower Upper

142 100

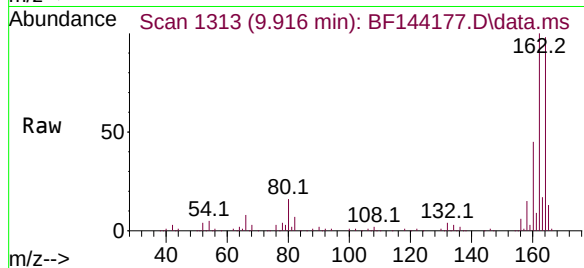
141 90.2 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

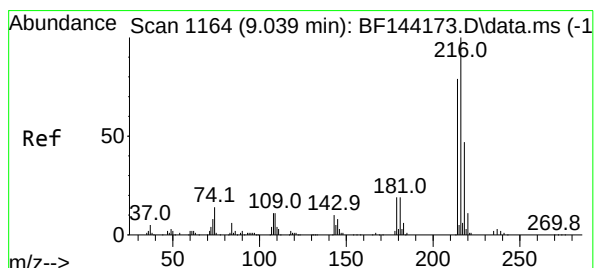
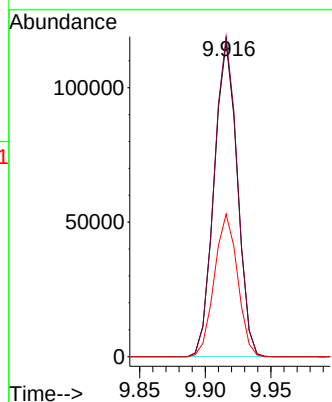
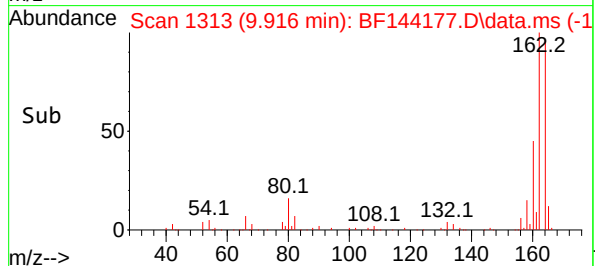
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



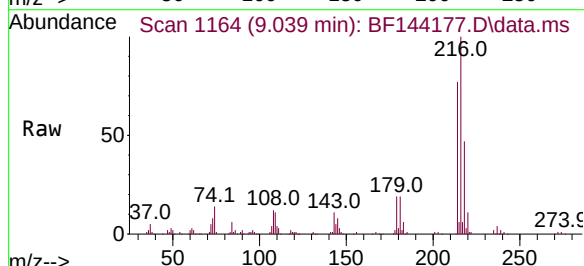
Tgt Ion:164 Resp: 143807
Ion Ratio Lower Upper
164 100
162 101.7 81.1 121.7
160 45.3 34.5 51.7

Manual Integrations
APPROVED

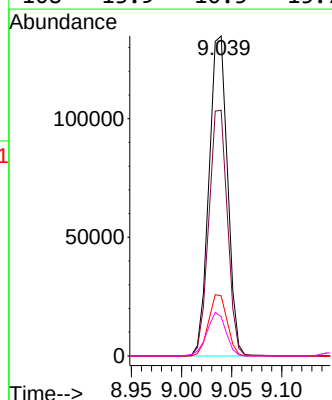
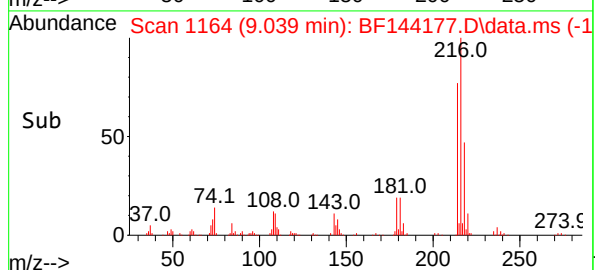
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

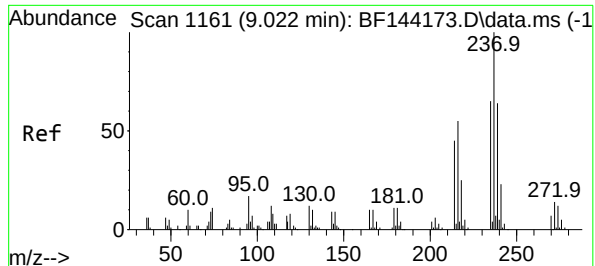


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.811 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



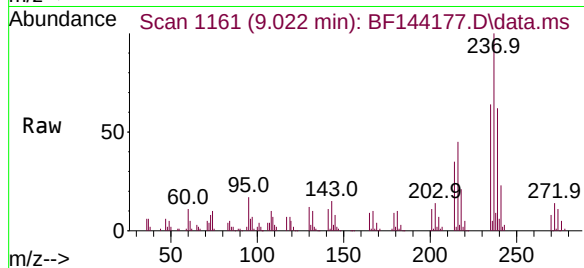
Tgt Ion:216 Resp: 173491
Ion Ratio Lower Upper
216 100
214 76.8 63.4 95.2
179 19.1 15.0 22.4
108 13.9 10.5 15.7





#41
Hexachlorocyclopentadiene
Concen: 46.350 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

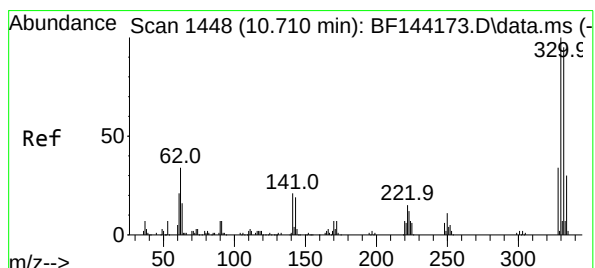
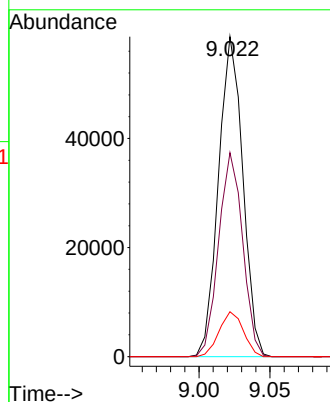
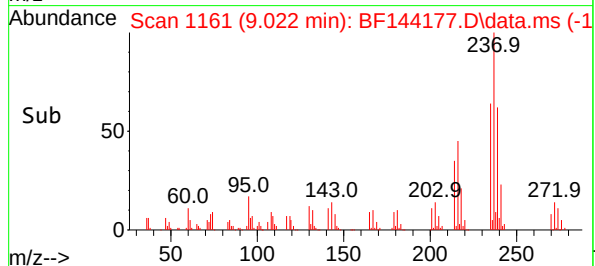
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



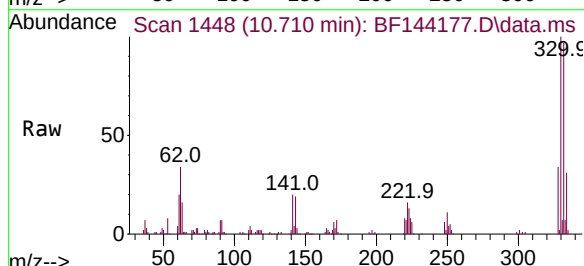
Tgt Ion: 237 Resp: 6998
Ion Ratio Lower Upper
237 100
235 63.7 45.5 85.5
272 14.0 0.0 33.5

Manual Integrations
APPROVED

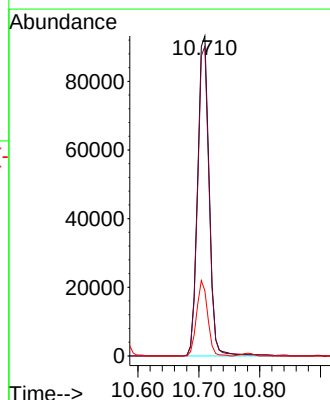
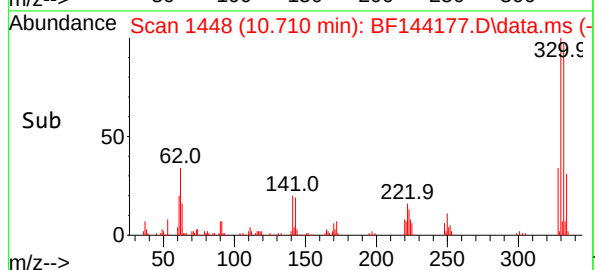
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

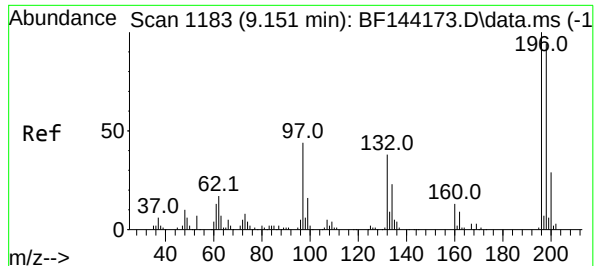


#42
2,4,6-Tribromophenol
Concen: 67.987 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion: 330 Resp: 122691
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 22.4 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 35.357 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144177.D

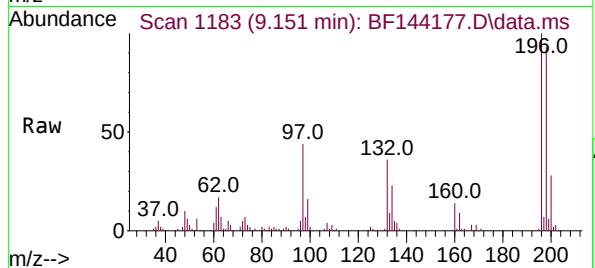
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



Tgt Ion:196 Resp: 113418

Ion Ratio Lower Upper

196 100

198 93.2 75.3 112.9

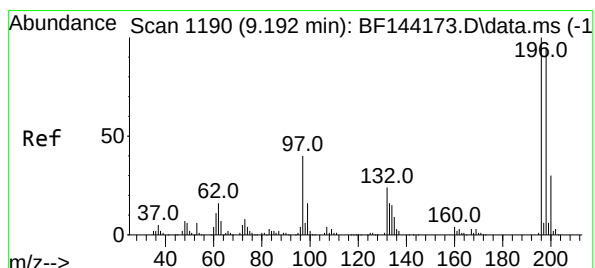
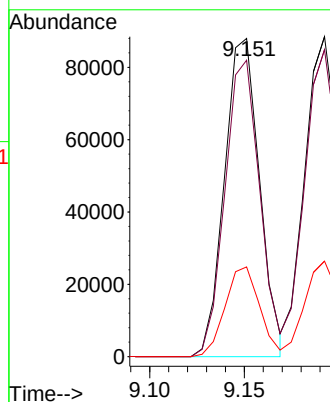
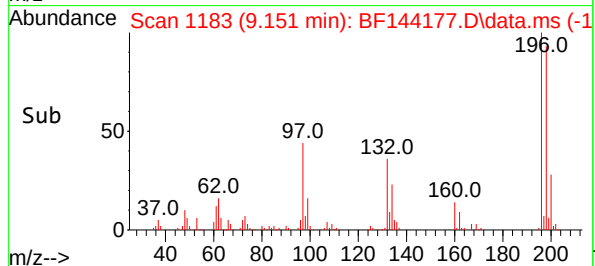
200 28.2 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#44

2,4,5-Trichlorophenol

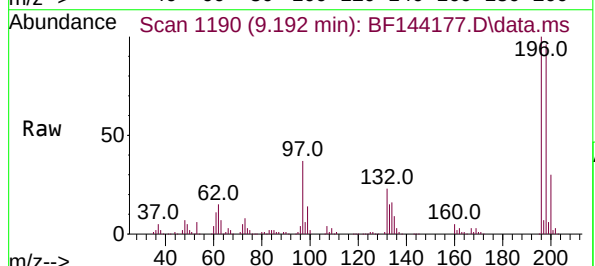
Concen: 35.179 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21



Tgt Ion:196 Resp: 121621

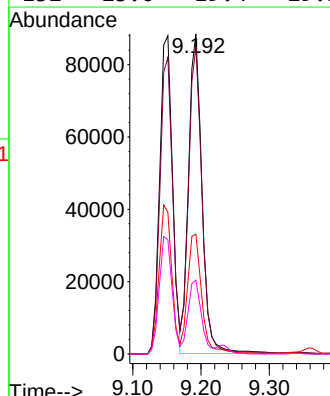
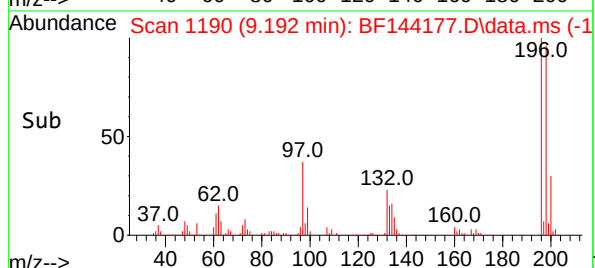
Ion Ratio Lower Upper

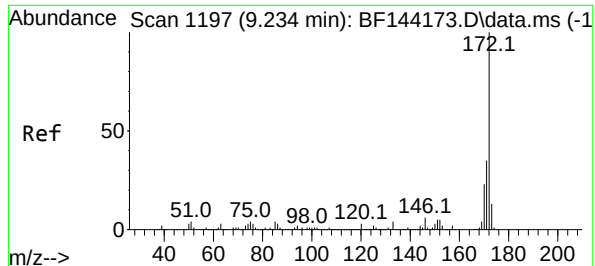
196 100

198 95.9 76.1 114.1

97 37.4 31.9 47.9

132 23.0 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 69.741 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:172 Resp: 679055

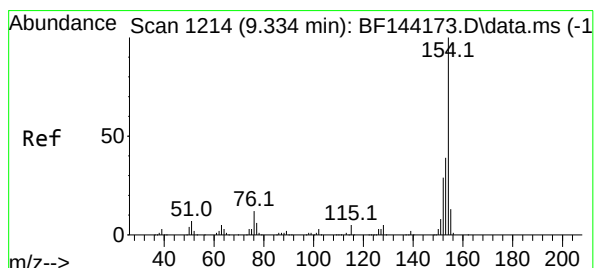
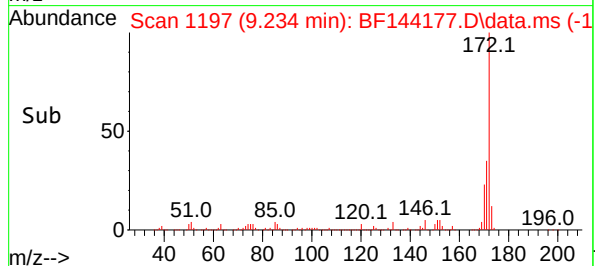
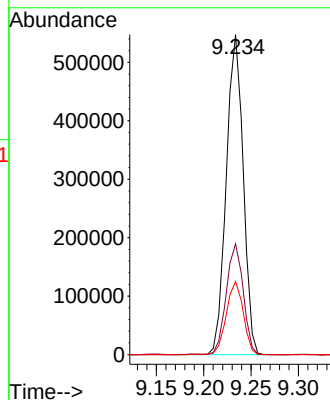
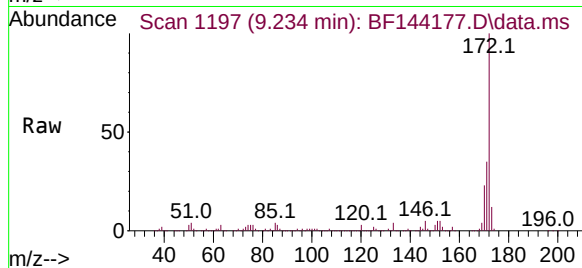
Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.1	42.1
170	22.8	18.6	28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#46

1,1'-Biphenyl

Concen: 36.526 ng

RT: 9.334 min Scan# 1214

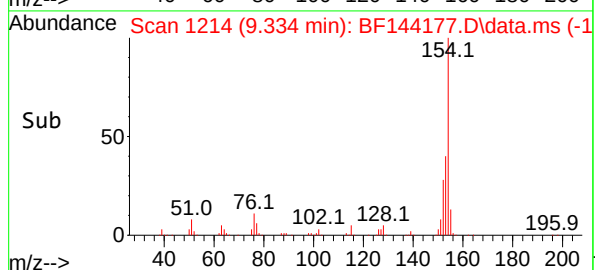
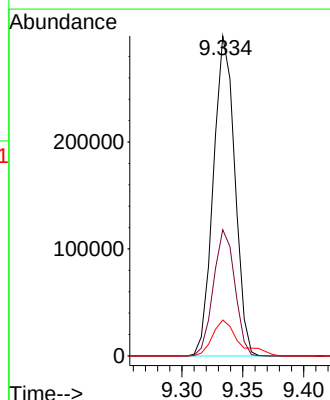
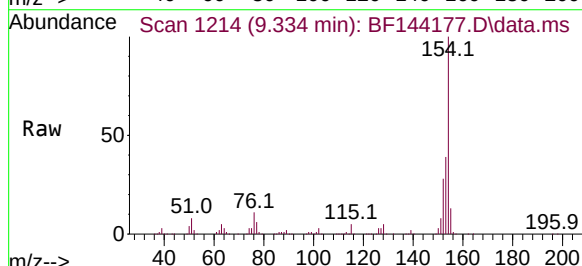
Delta R.T. -0.006 min

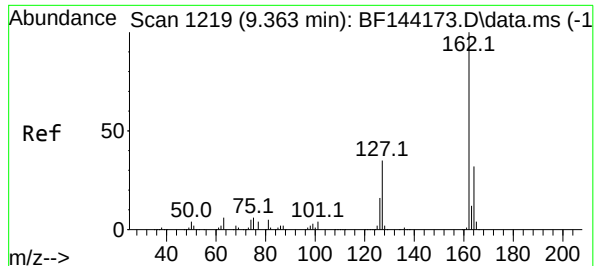
Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Tgt Ion:154 Resp: 366655

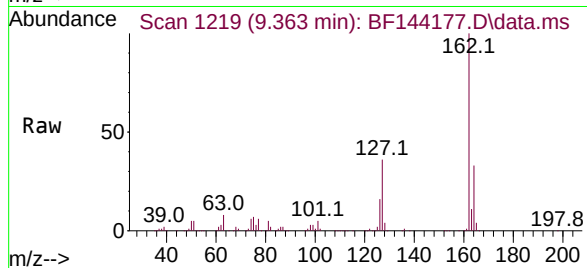
Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.2	59.2
76	11.2	0.0	31.8





#47
2-Chloronaphthalene
Concen: 35.092 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

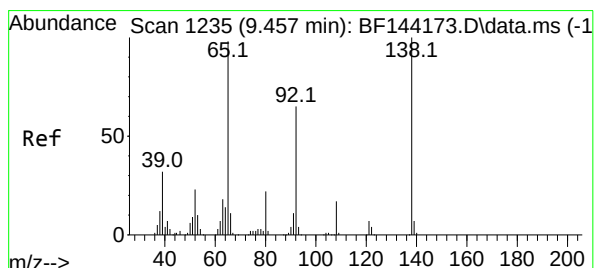
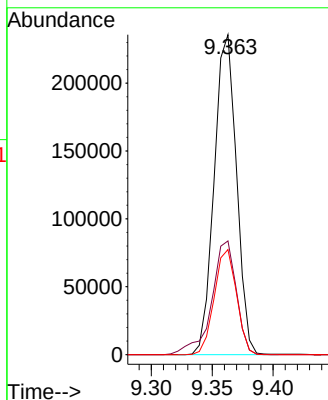
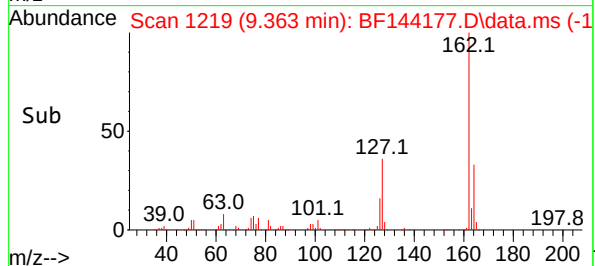
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



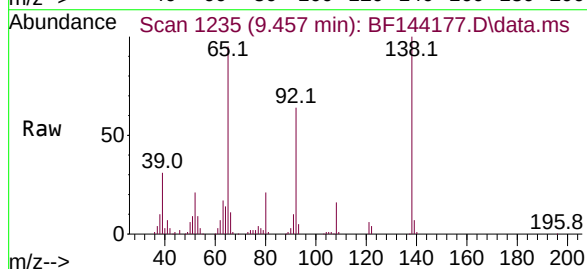
Tgt Ion: 162 Resp: 300481
Ion Ratio Lower Upper
162 100
127 35.5 28.8 43.2
164 32.8 25.8 38.8

Manual Integrations
APPROVED

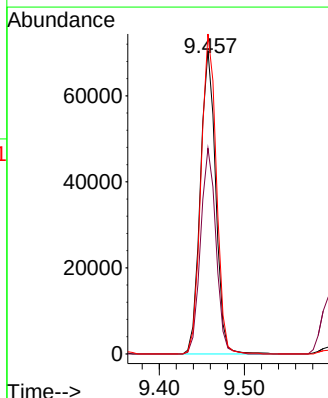
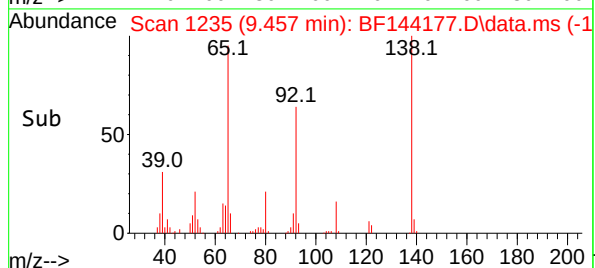
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

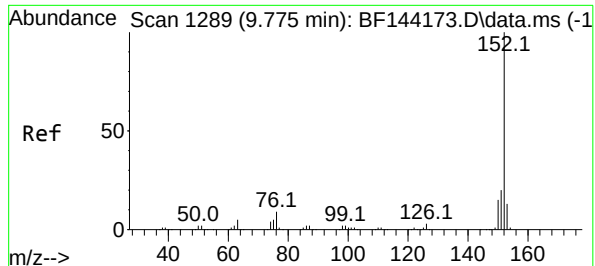


#48
2-Nitroaniline
Concen: 35.641 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion: 65 Resp: 88055
Ion Ratio Lower Upper
65 100
92 67.8 53.0 79.6
138 105.5 81.6 122.4





#49

Acenaphthylene

Concen: 39.818 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:152 Resp: 464616

Ion Ratio Lower Upper

152 100

151 19.3 15.9 23.9

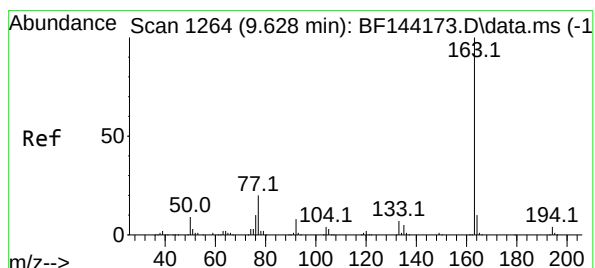
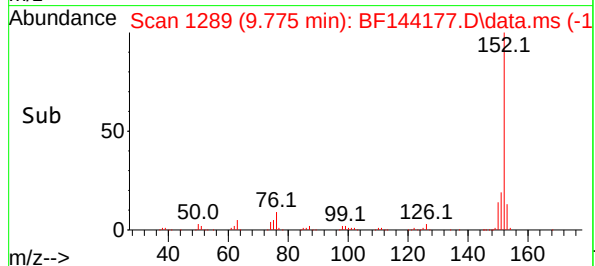
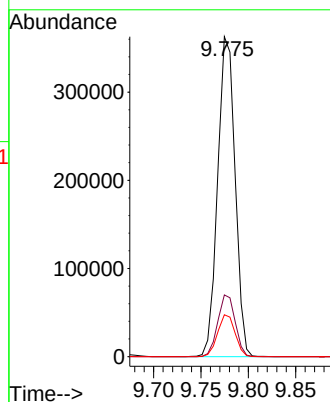
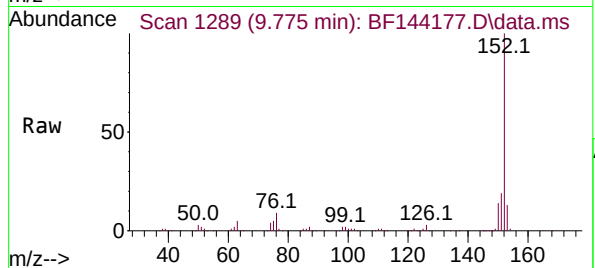
153 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#50

Dimethylphthalate

Concen: 35.076 ng

RT: 9.634 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

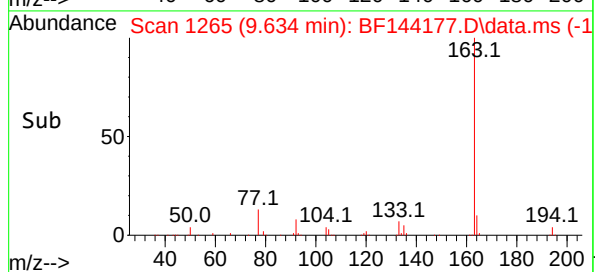
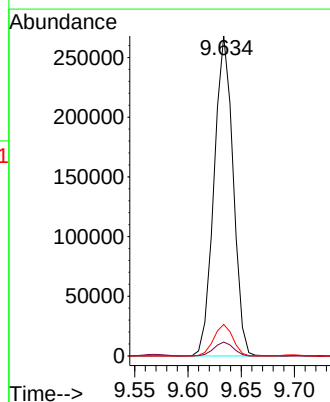
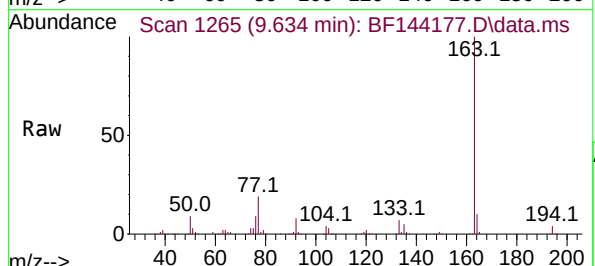
Tgt Ion:163 Resp: 334163

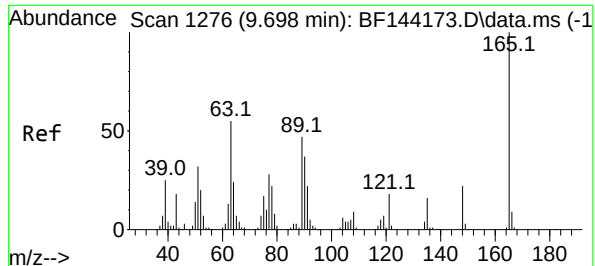
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 9.8 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 36.758 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

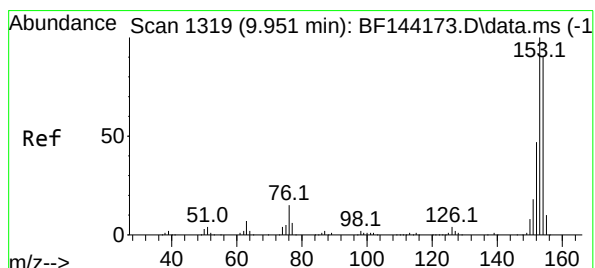
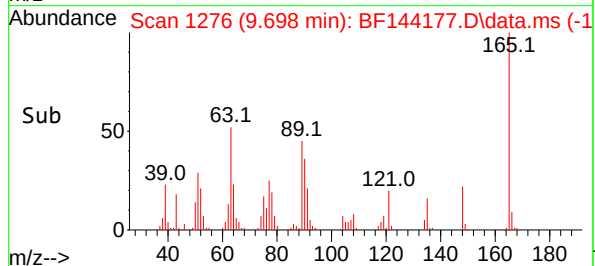
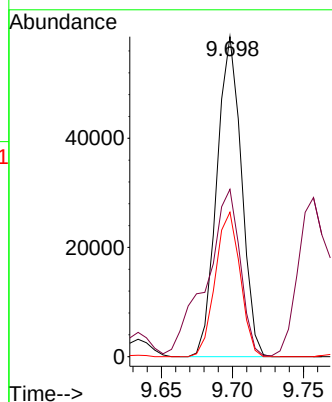
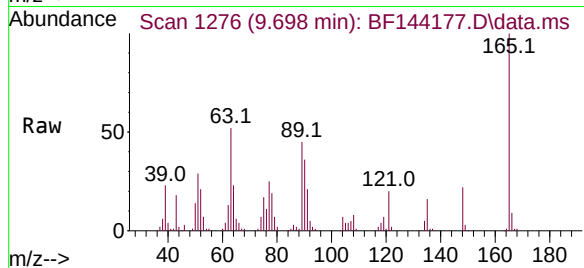
Client Sample Id :

ICVBF110525

Tgt Ion:165 Resp: 70890
Ion Ratio Lower Upper
165 100
63 52.3 43.8 65.8
89 45.1 37.5 56.3

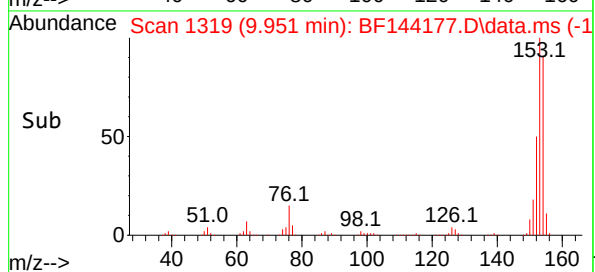
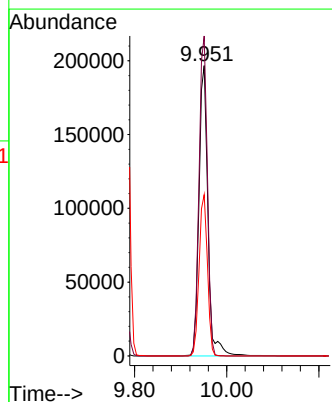
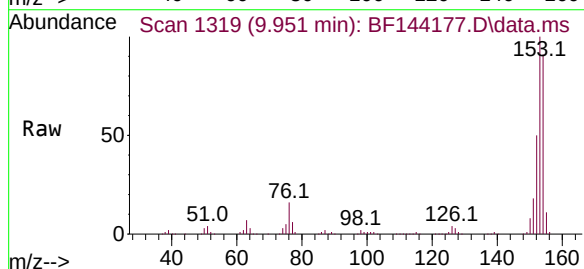
Manual Integrations
APPROVED

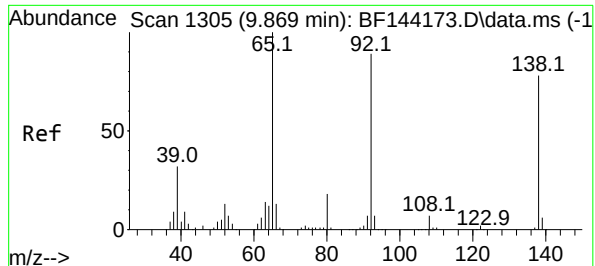
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#52
Acenaphthene
Concen: 33.702 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:154 Resp: 262974
Ion Ratio Lower Upper
154 100
153 110.2 89.0 133.4
152 55.5 42.2 63.4





#53

3-Nitroaniline

Concen: 35.372 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

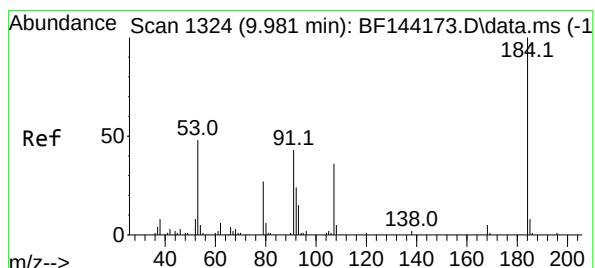
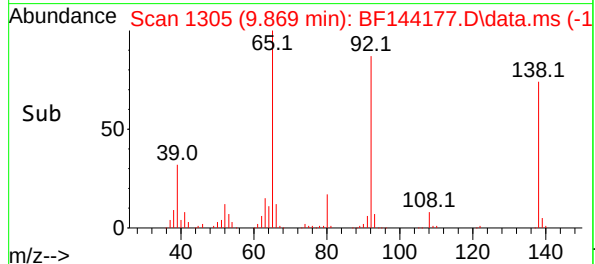
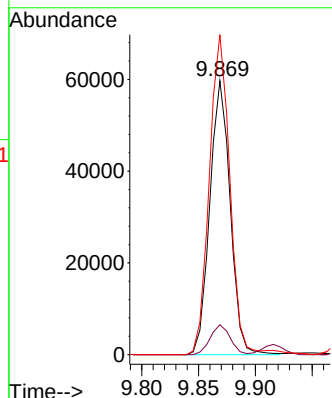
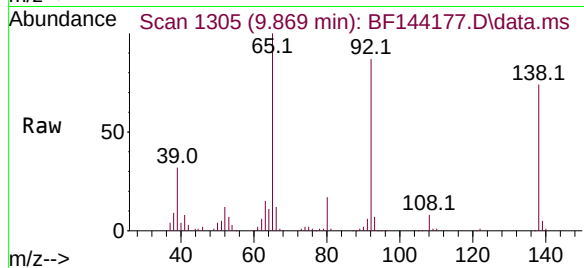
ICVBF110525

Tgt Ion:	138	Resp:	74572
Ion	Ratio	Lower	Upper
138	100		
108	10.9	7.5	11.3
92	116.8	91.8	137.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#54

2,4-Dinitrophenol

Concen: 28.732 ng

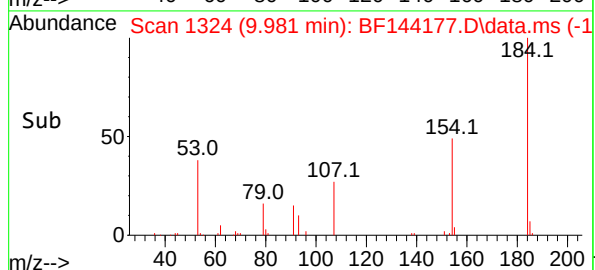
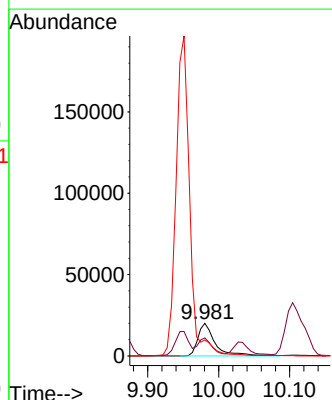
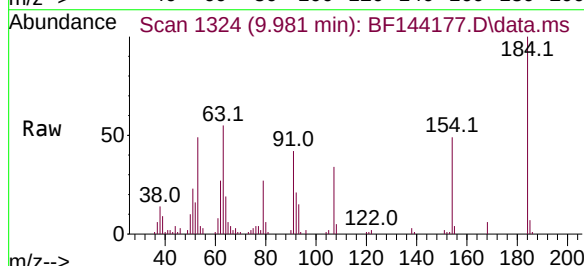
RT: 9.981 min Scan# 1324

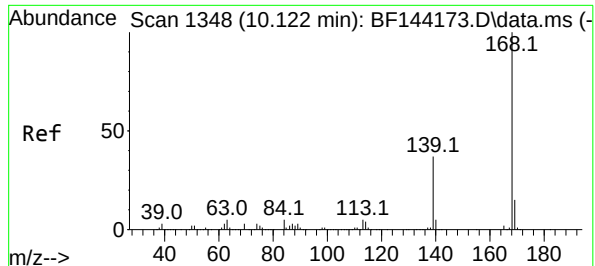
Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

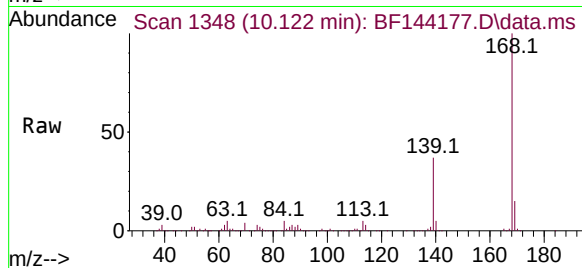
Tgt Ion:	184	Resp:	33460
Ion	Ratio	Lower	Upper
184	100		
63	55.3	44.0	66.0
154	48.9	42.4	63.6





#55
Dibenzenofuran
Concen: 35.602 ng
RT: 10.122 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

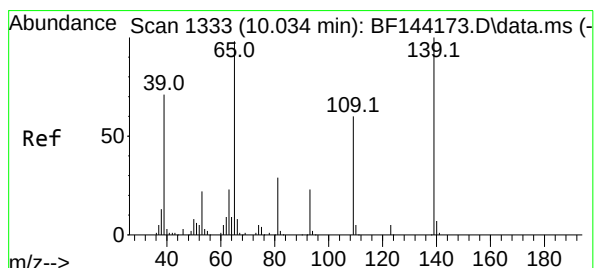
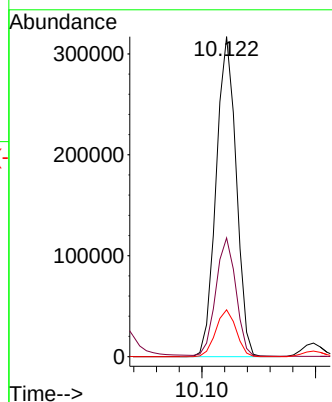
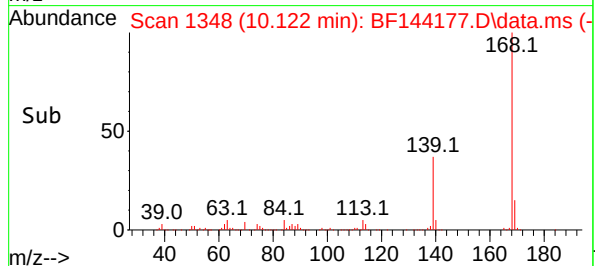
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:168 Resp: 389072
Ion Ratio Lower Upper
168 100
139 37.1 30.2 45.2
169 14.6 12.2 18.4

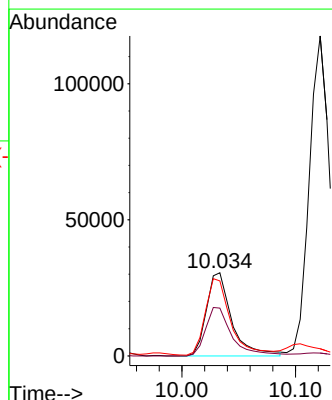
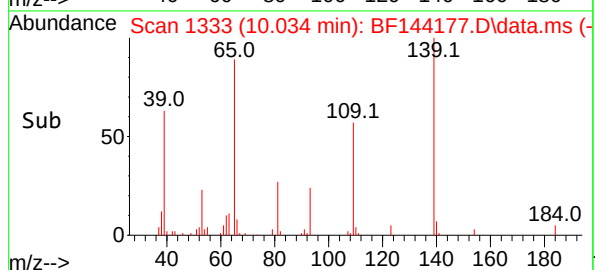
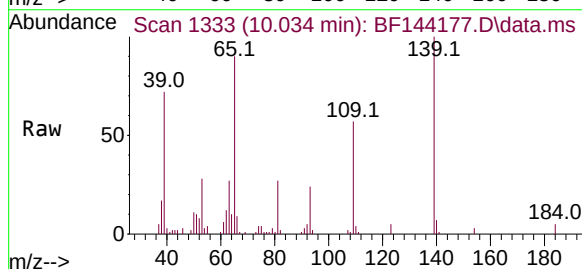
Manual Integrations
APPROVED

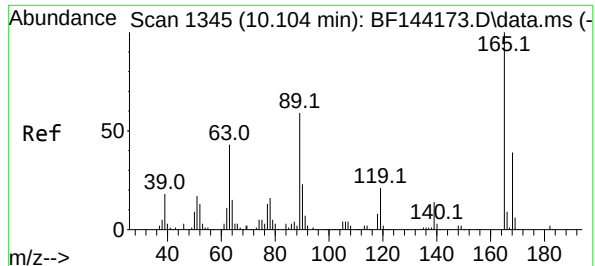
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#56
4-Nitrophenol
Concen: 30.929 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:139 Resp: 47167
Ion Ratio Lower Upper
139 100
109 57.5 39.9 79.9
65 90.2 79.5 119.5





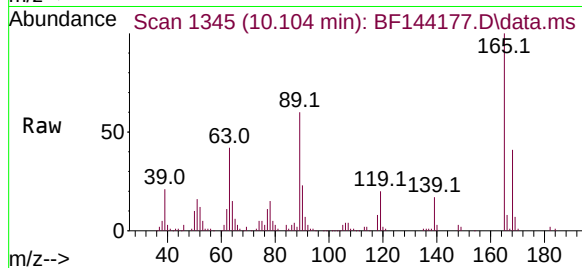
#57
2,4-Dinitrotoluene
Concen: 35.994 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

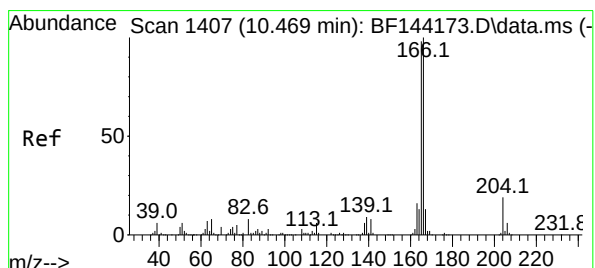
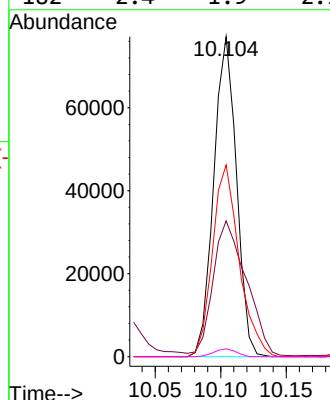
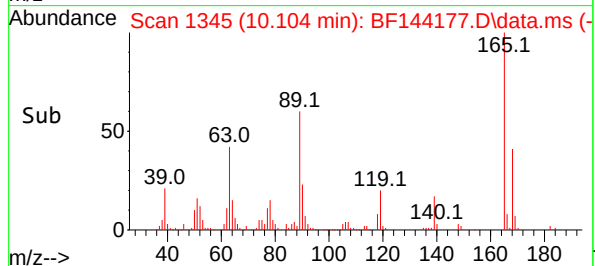


Tgt Ion:165 Resp: 92928
Ion Ratio Lower Upper
165 100
63 42.4 35.5 53.3
89 59.9 47.4 71.2
182 2.4 1.9 2.9

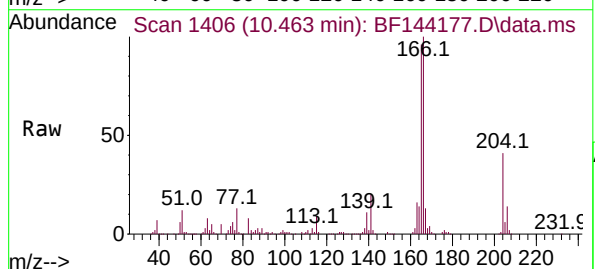
Manual Integrations

APPROVED

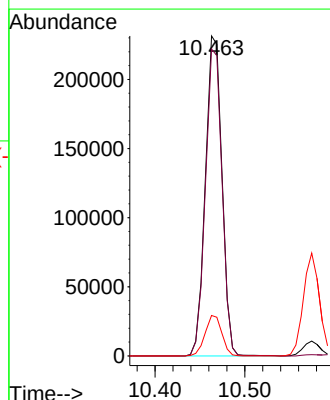
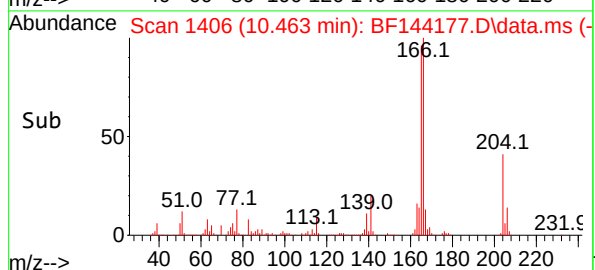
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

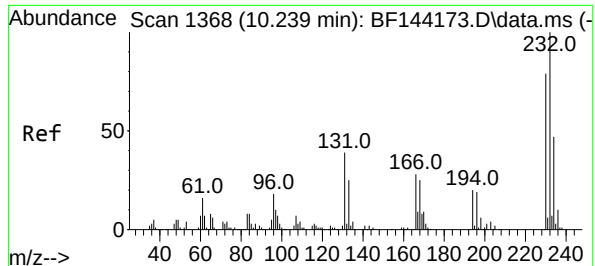


#58
Fluorene
Concen: 35.903 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion:166 Resp: 298316
Ion Ratio Lower Upper
166 100
165 95.9 78.6 118.0
167 12.6 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.425 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

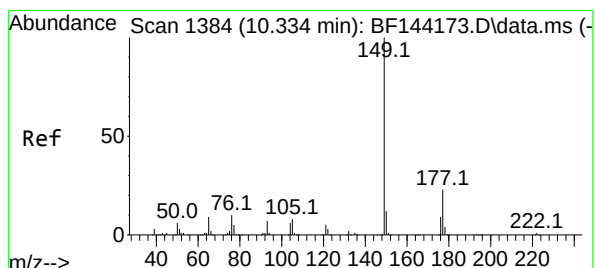
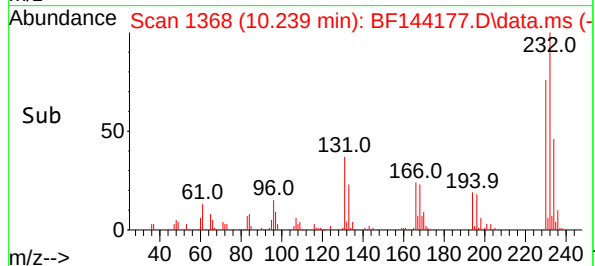
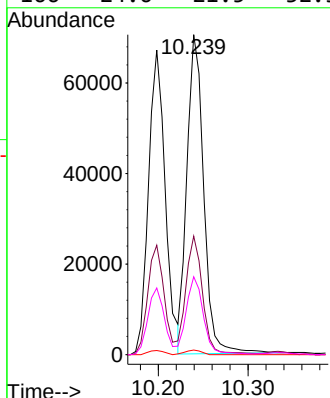
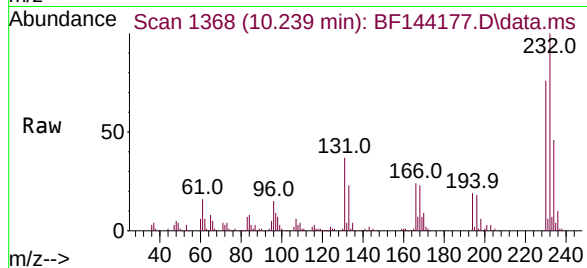
ICVBF110525

Tgt Ion	Ratio	Lower	Upper
232	100		
131	37.7	30.3	45.5
130	1.4	1.2	1.8
166	24.6	21.5	32.3

Manual Integrations

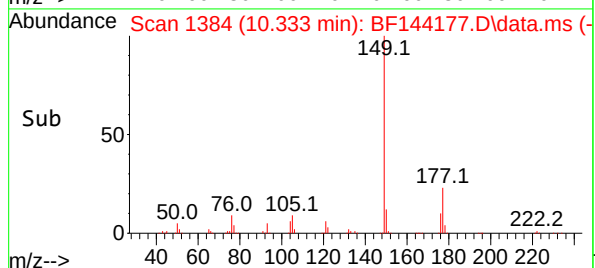
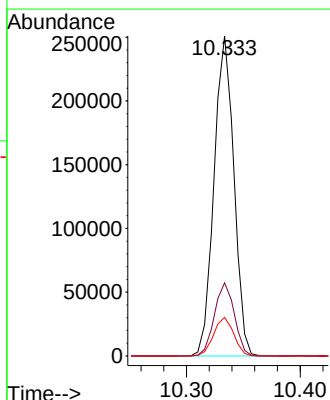
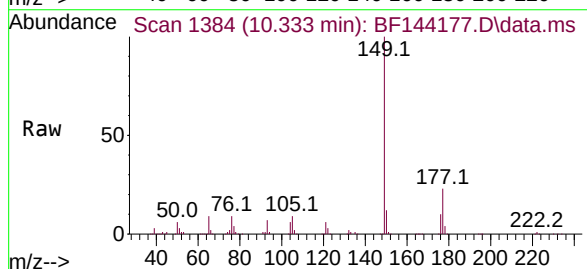
APPROVED

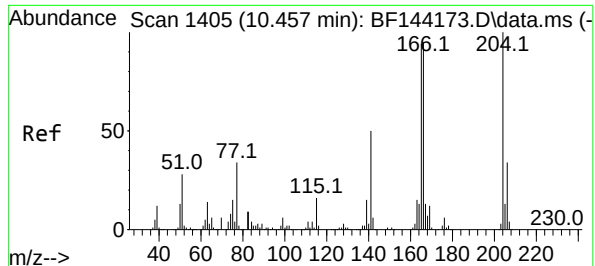
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#60
Diethylphthalate
Concen: 34.646 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

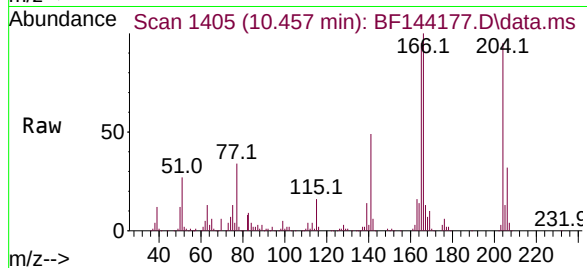
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.3	27.5
150	12.0	9.8	14.6





#61
4-Chlorophenyl-phenylether
Concen: 35.002 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

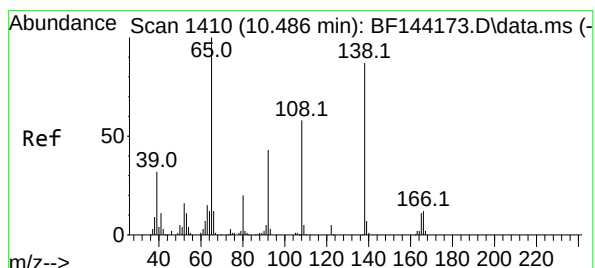
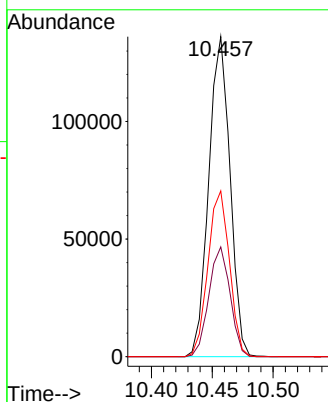
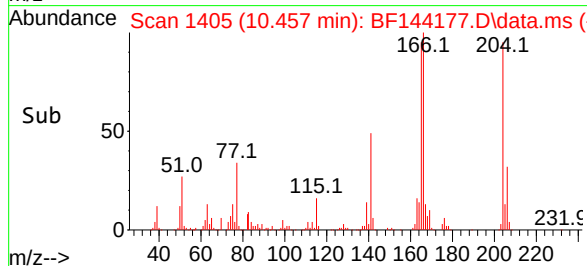
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:204 Resp: 165662
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 51.8 40.0 60.0

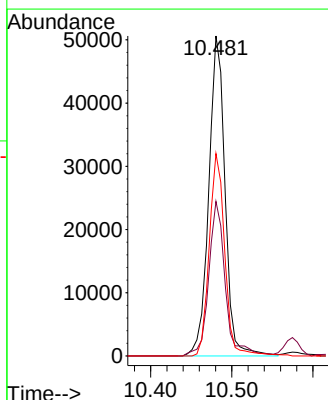
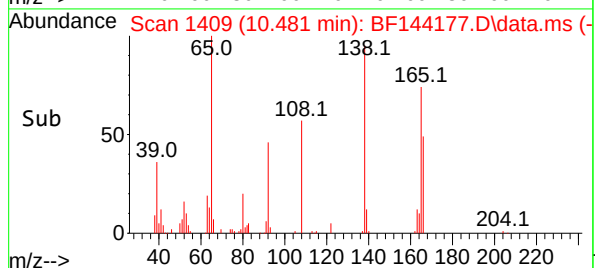
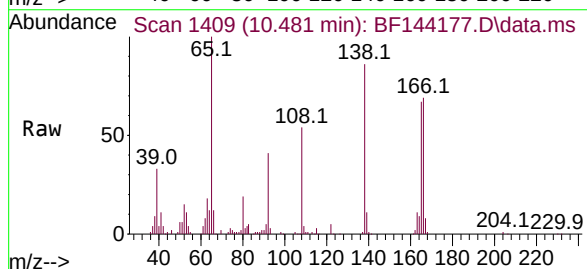
Manual Integrations
APPROVED

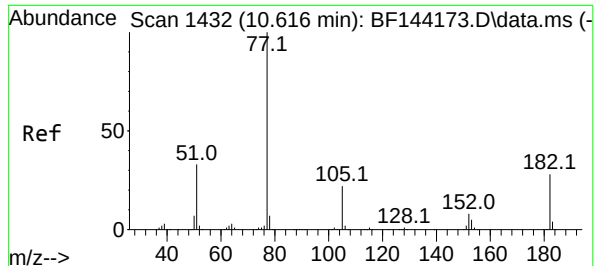
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#62
4-Nitroaniline
Concen: 35.278 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

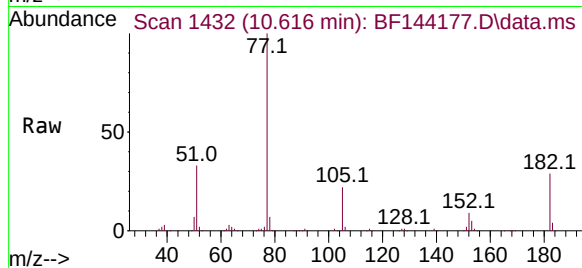
Tgt Ion:138 Resp: 70828
Ion Ratio Lower Upper
138 100
92 48.3 29.4 69.4
108 63.2 46.4 86.4





#63
Azobenzene
Concen: 35.958 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

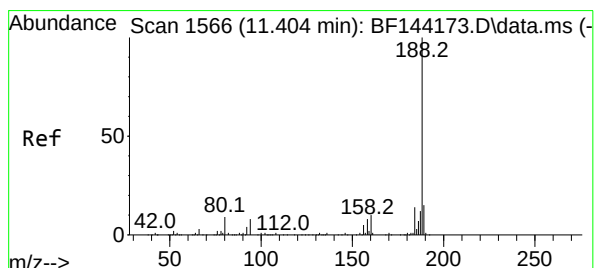
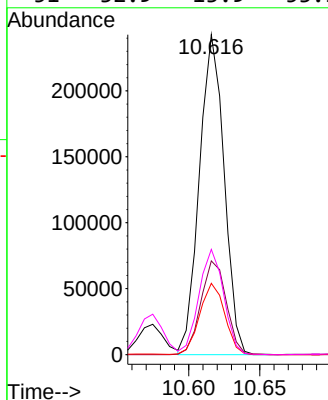
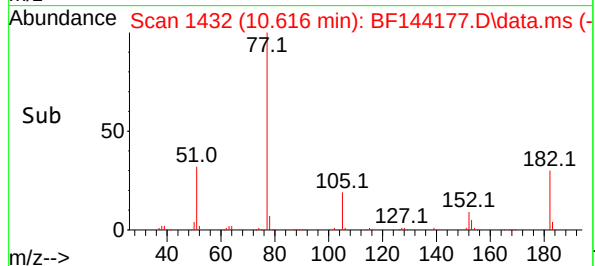
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



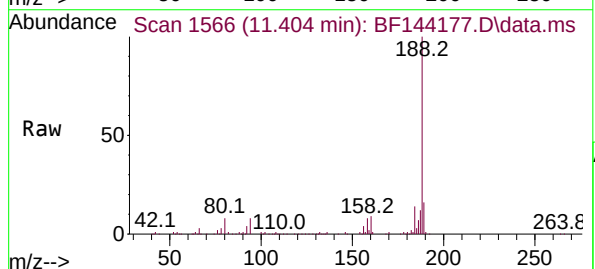
Tgt Ion: 77 Resp: 293901
Ion Ratio Lower Upper
77 100
182 29.3 8.1 48.1
105 22.3 2.0 42.0
51 32.9 13.9 53.9

Manual Integrations
APPROVED

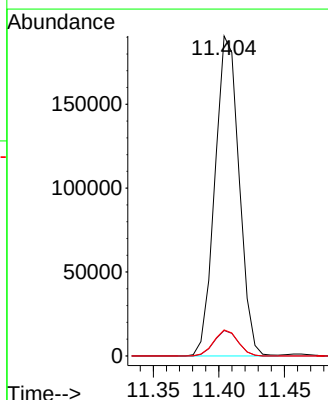
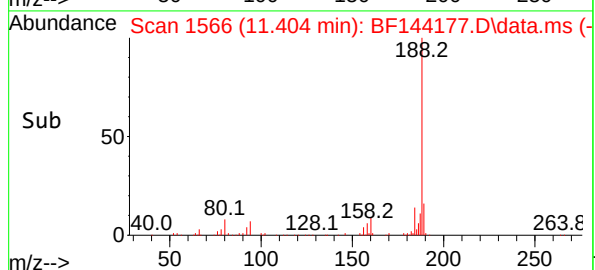
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

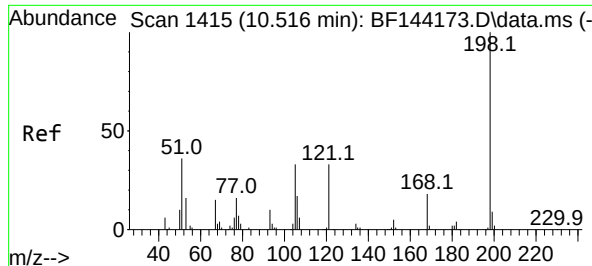


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



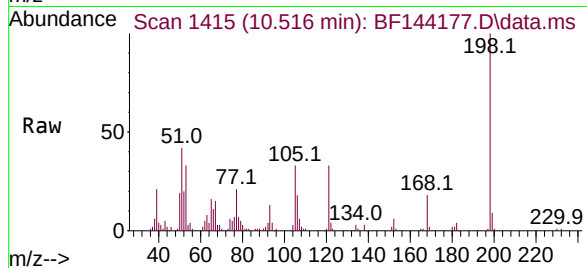
Tgt Ion:188 Resp: 244964
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 8.1 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 31.346 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

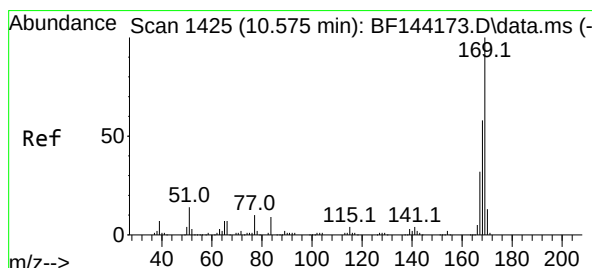
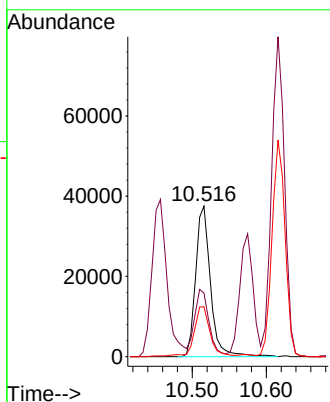
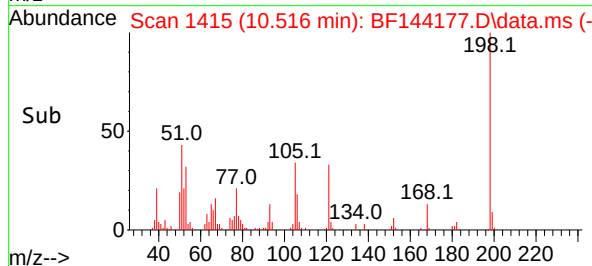
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



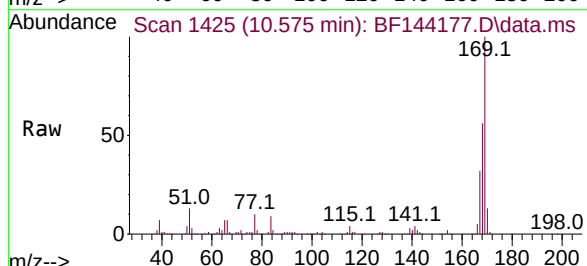
Tgt Ion:198 Resp: 52164
Ion Ratio Lower Upper
198 100
51 42.3 25.6 65.6
105 33.1 14.6 54.6

Manual Integrations
APPROVED

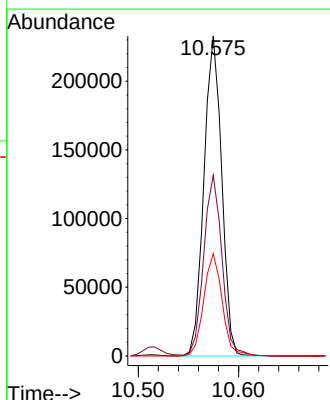
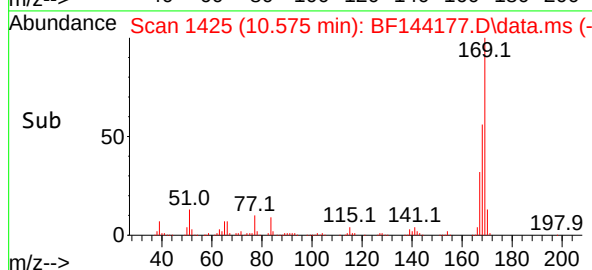
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

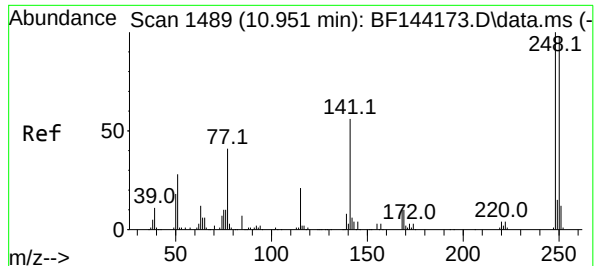


#66
n-Nitrosodiphenylamine
Concen: 36.292 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



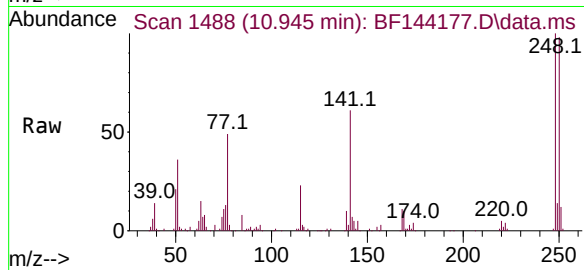
Tgt Ion:169 Resp: 285930
Ion Ratio Lower Upper
169 100
168 56.4 46.2 69.2
167 31.9 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 34.135 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

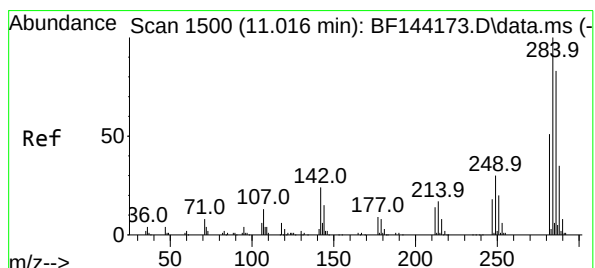
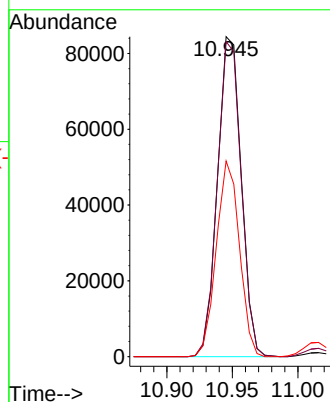
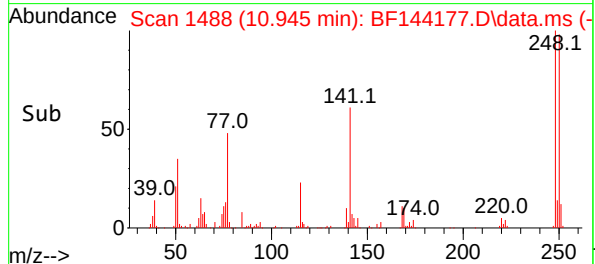
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



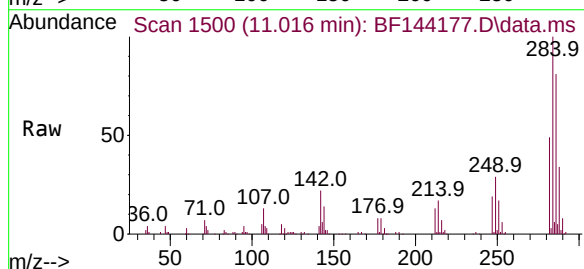
Tgt Ion:248 Resp: 106730
Ion Ratio Lower Upper
248 100
250 98.4 78.4 117.6
141 61.1 45.1 67.7

Manual Integrations
APPROVED

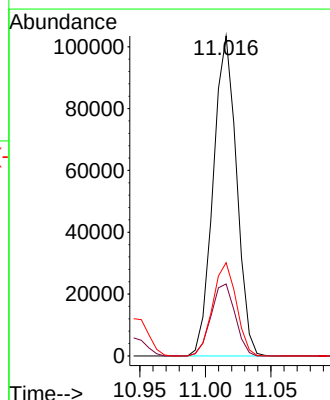
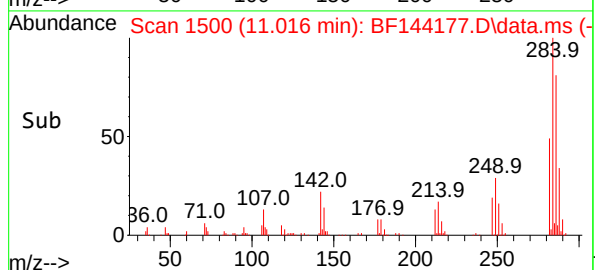
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

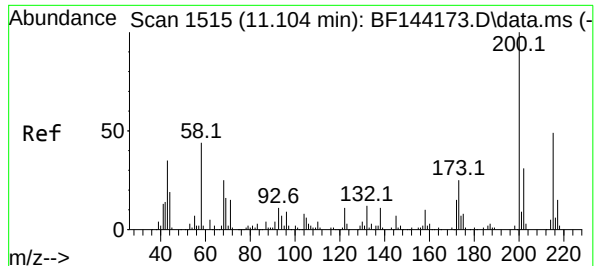


#68
Hexachlorobenzene
Concen: 34.810 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion:284 Resp: 128202
Ion Ratio Lower Upper
284 100
142 22.5 19.2 28.8
249 29.1 23.8 35.8





#69

Atrazine

Concen: 36.790 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:200 Resp: 92182

Ion Ratio Lower Upper

200 100

173 27.7 5.0 45.0

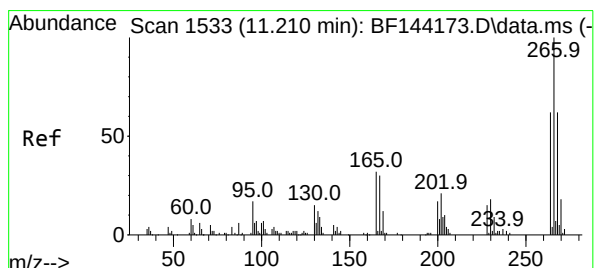
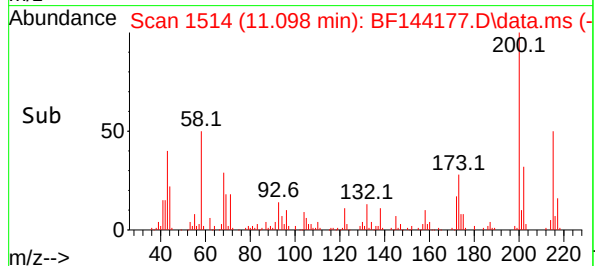
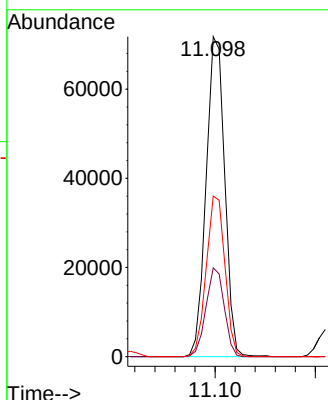
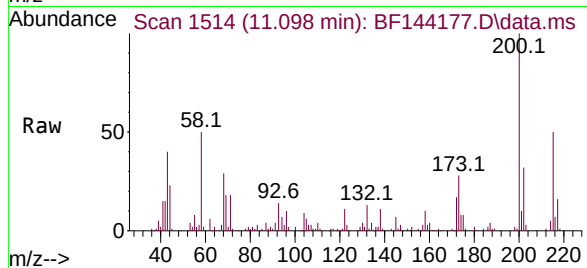
215 50.2 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#70

Pentachlorophenol

Concen: 32.706 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

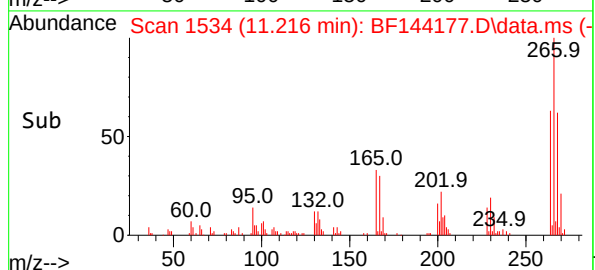
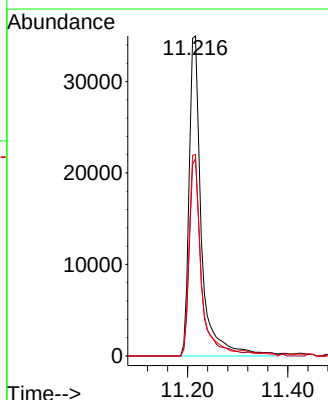
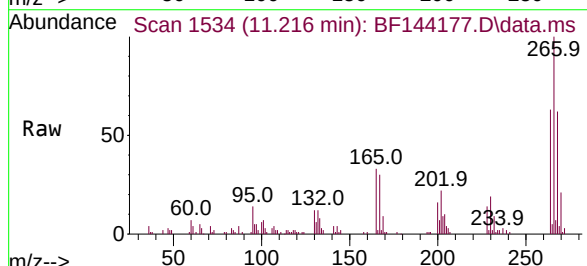
Tgt Ion:266 Resp: 59981

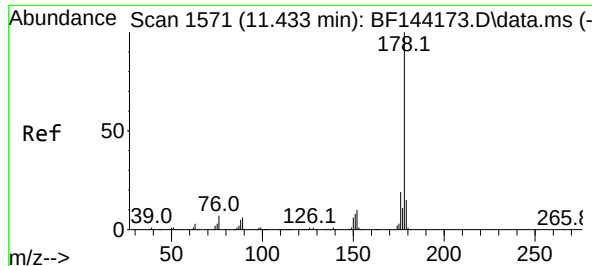
Ion Ratio Lower Upper

266 100

268 61.7 49.5 74.3

264 62.9 49.4 74.2





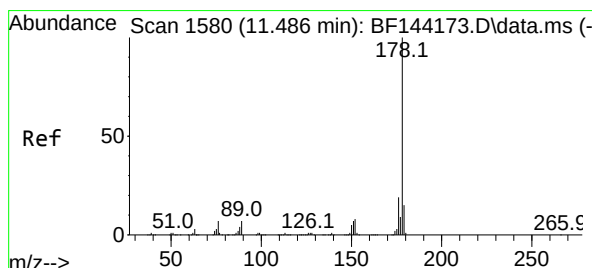
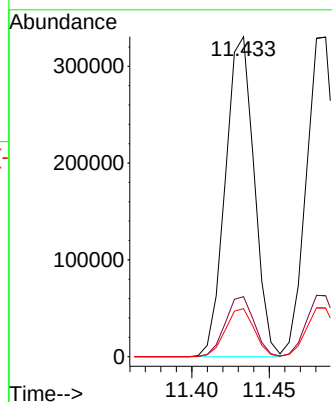
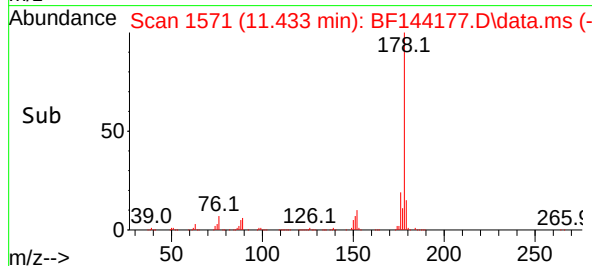
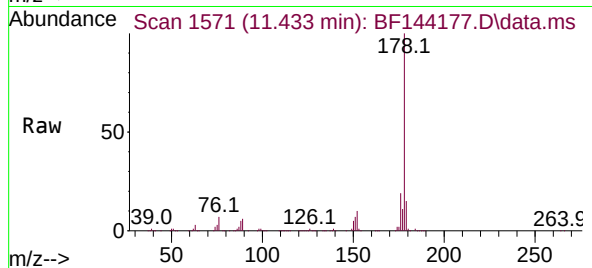
#71
Phenanthrene
Concen: 35.049 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion:178 Resp: 427466
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.0 12.2 18.4

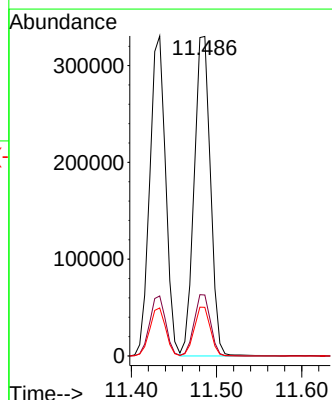
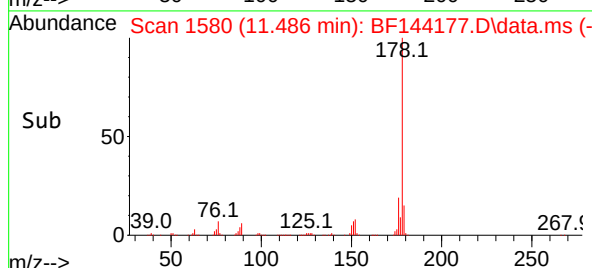
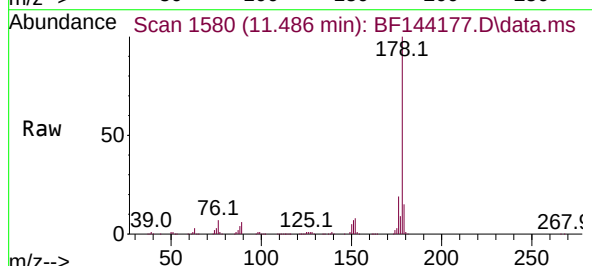
Manual Integrations
APPROVED

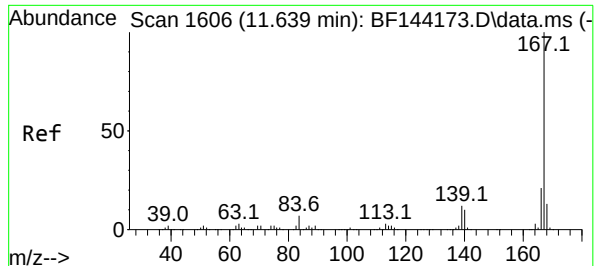
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#72
Anthracene
Concen: 35.286 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

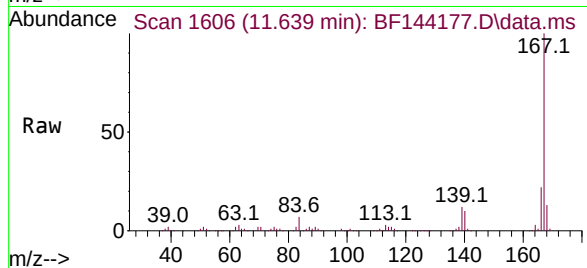
Tgt Ion:178 Resp: 437609
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.2 12.0 18.0





#73
Carbazole
Concen: 34.224 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

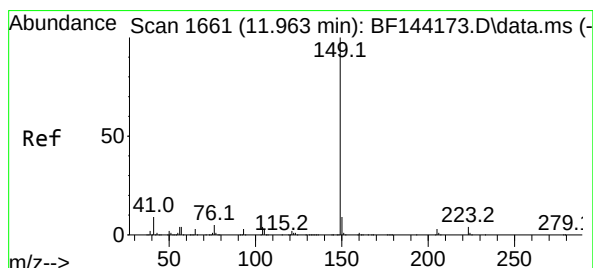
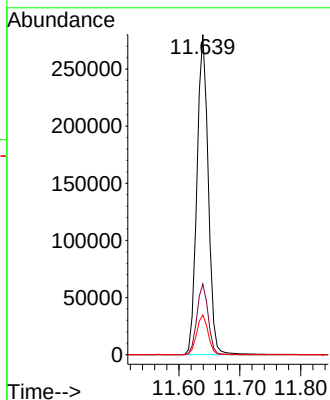
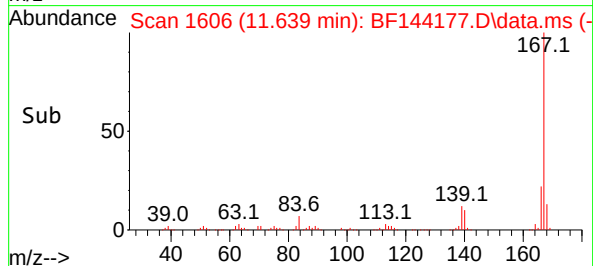
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:167 Resp: 360909
Ion Ratio Lower Upper
167 100
166 22.1 17.2 25.8
139 12.4 9.9 14.9

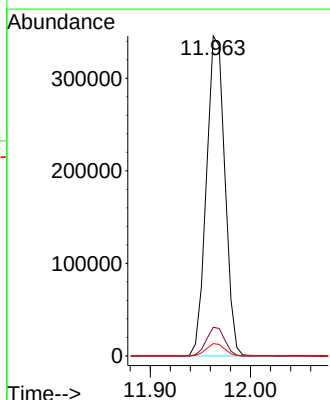
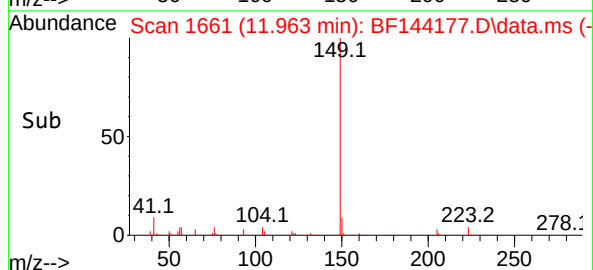
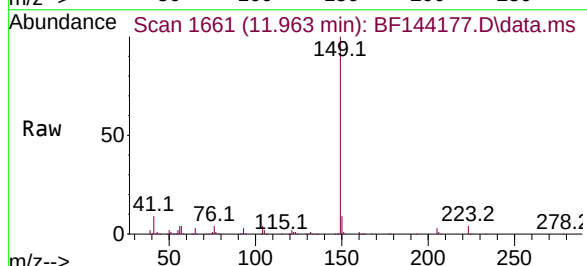
Manual Integrations
APPROVED

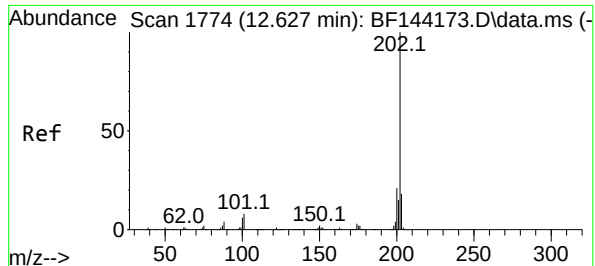
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#74
Di-n-butylphthalate
Concen: 34.535 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

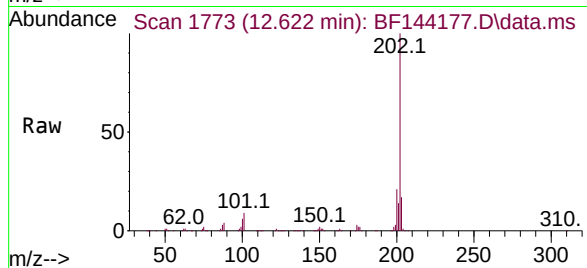
Tgt Ion:149 Resp: 440261
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 3.8 3.4 5.2





#75
Fluoranthene
Concen: 34.338 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

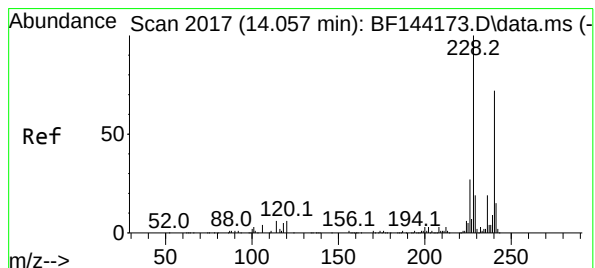
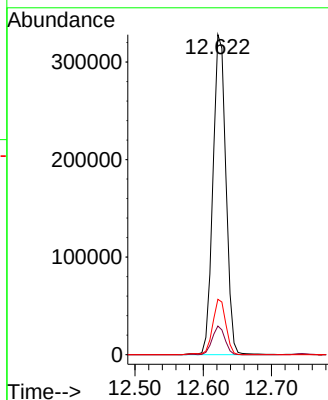
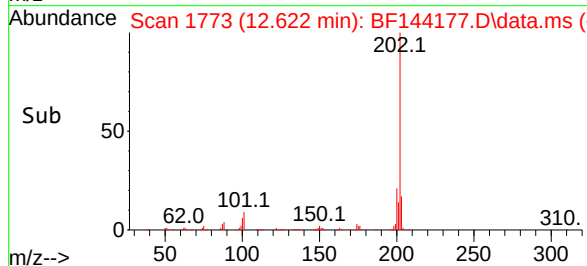
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:202 Resp: 432624
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.9
203 17.3 0.0 37.5

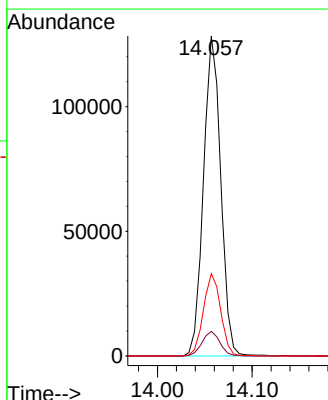
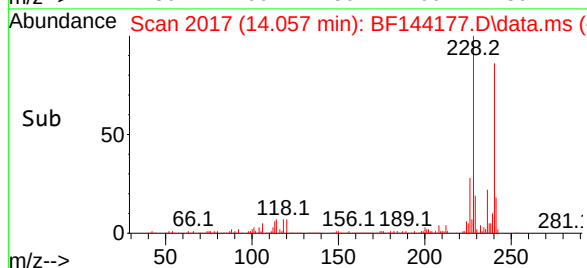
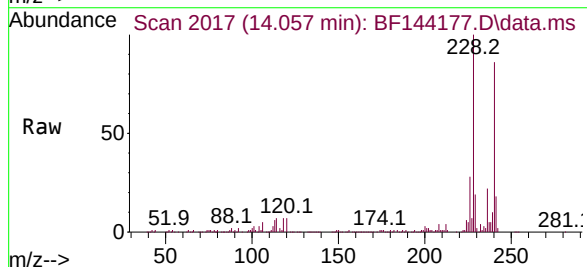
Manual Integrations
APPROVED

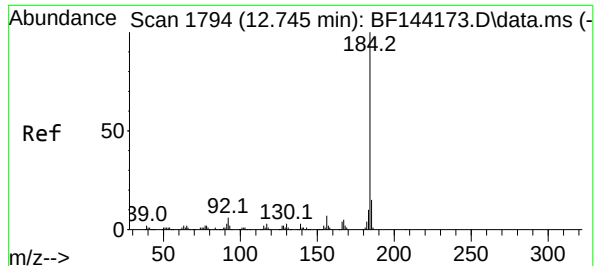
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

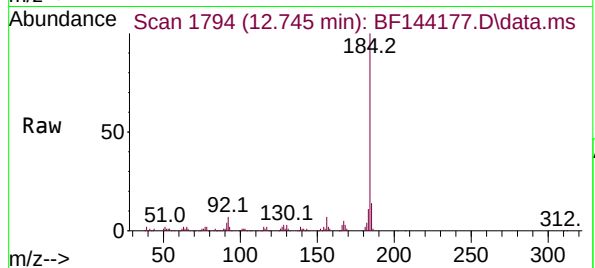
Tgt Ion:240 Resp: 162721
Ion Ratio Lower Upper
240 100
120 7.7 6.6 10.0
236 25.7 21.4 32.2





#77
Benzidine
Concen: 45.165 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

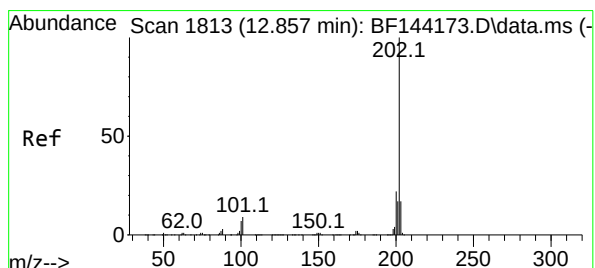
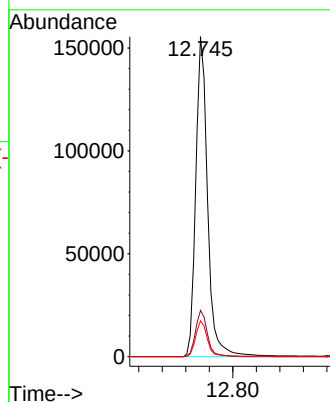
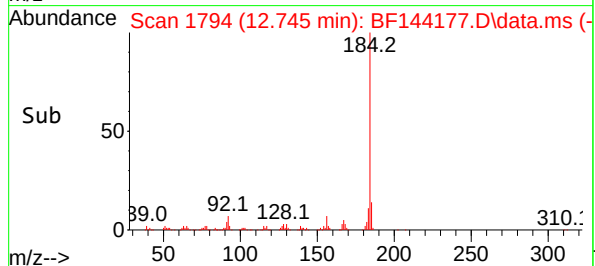
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:184 Resp: 217389
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.2 8.3 12.5

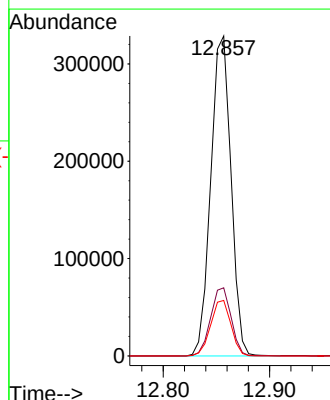
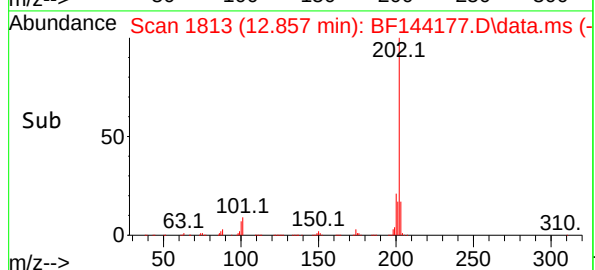
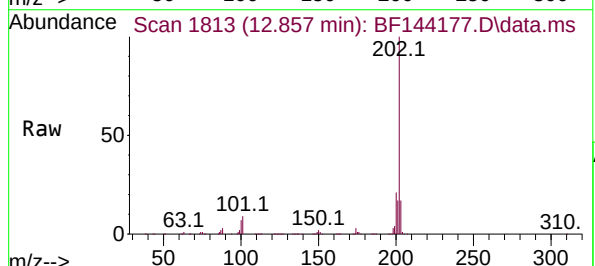
Manual Integrations
APPROVED

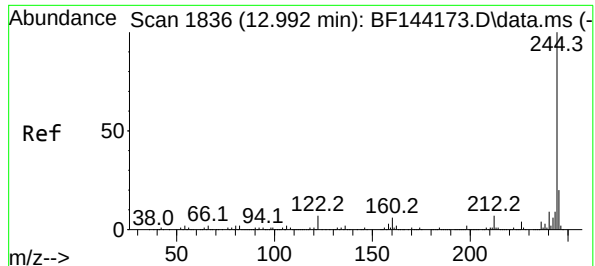
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#78
Pyrene
Concen: 33.011 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

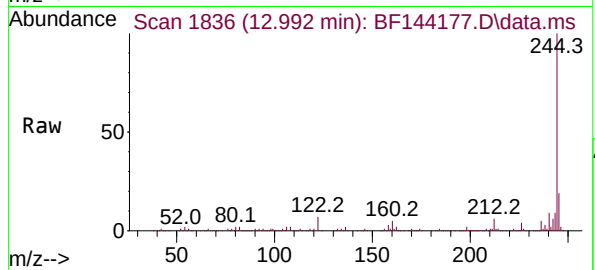
Tgt Ion:202 Resp: 433110
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.3 13.7 20.5





#79
Terphenyl-d14
Concen: 67.318 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

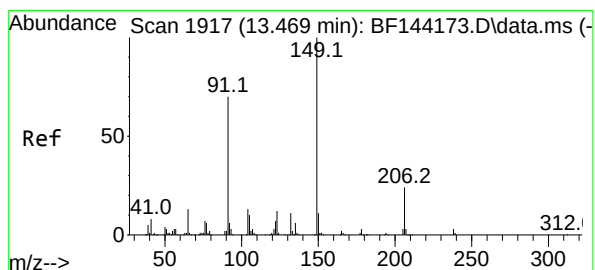
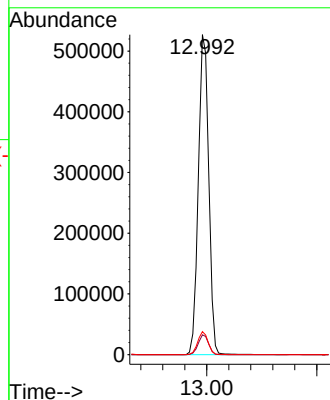
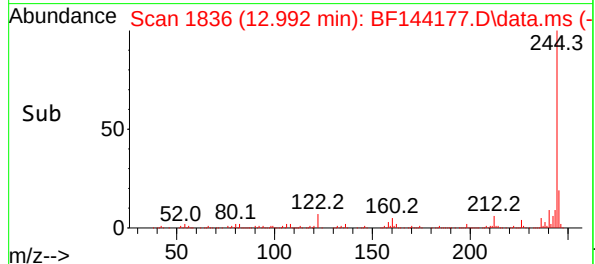
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



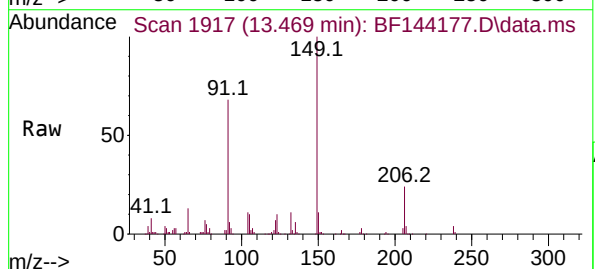
Tgt Ion:244 Resp: 689624
Ion Ratio Lower Upper
244 100
212 6.2 5.3 7.9
122 7.2 5.6 8.4

Manual Integrations
APPROVED

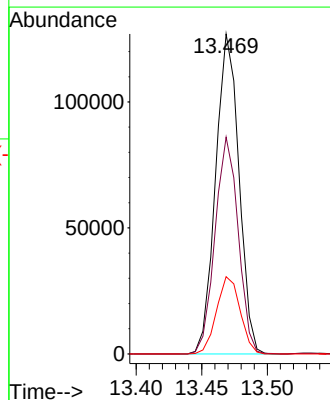
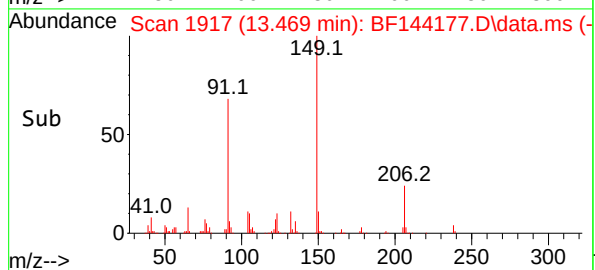
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

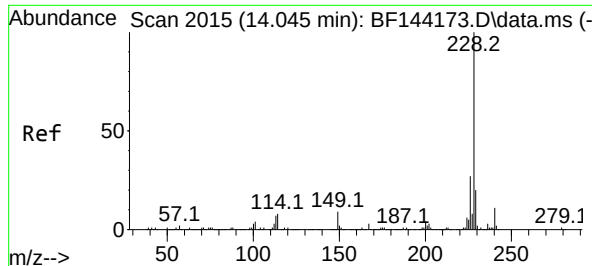


#80
Butylbenzylphthalate
Concen: 34.633 ng
RT: 13.469 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion:149 Resp: 157485
Ion Ratio Lower Upper
149 100
91 67.7 56.1 84.1
206 24.1 18.8 28.2





#81

Benzo(a)anthracene

Concen: 33.489 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144177.D

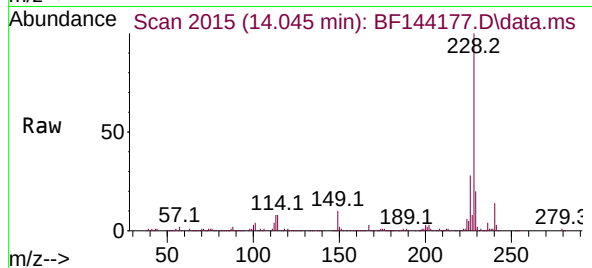
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



Tgt Ion:228 Resp: 377686

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

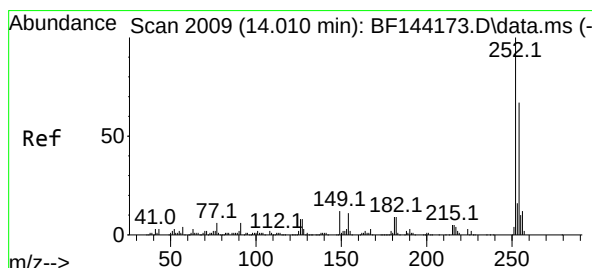
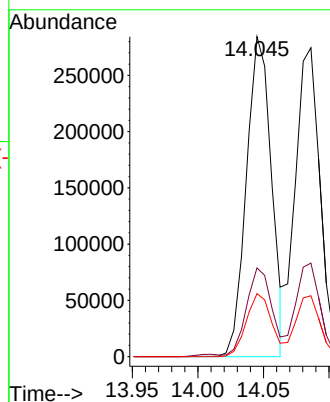
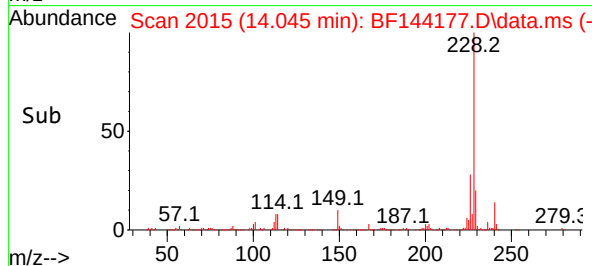
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#82

3,3'-Dichlorobenzidine

Concen: 39.612 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

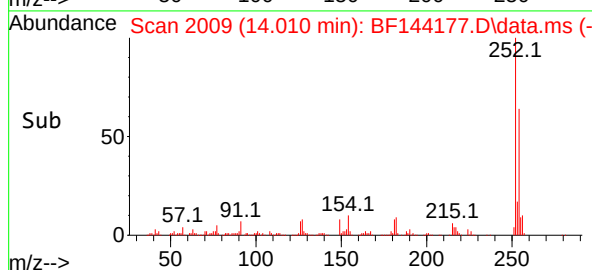
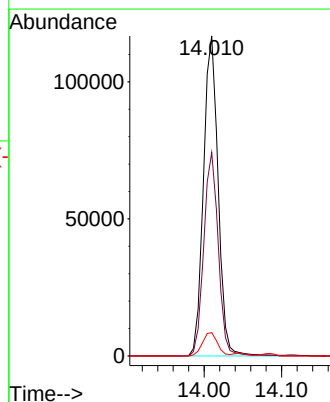
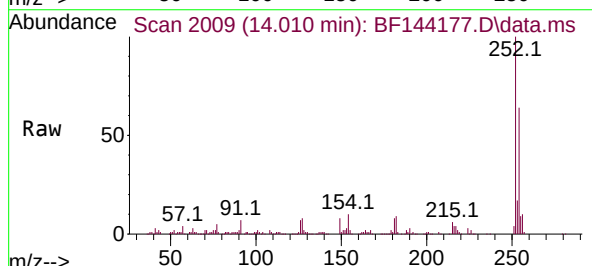
Tgt Ion:252 Resp: 153129

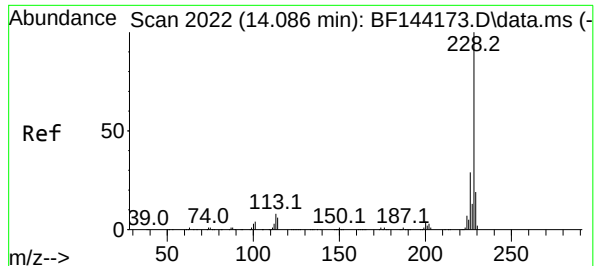
Ion Ratio Lower Upper

252 100

254 63.6 53.5 80.3

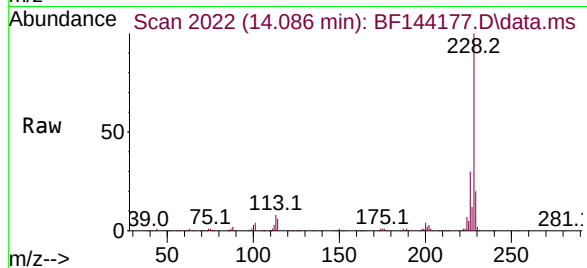
126 7.3 6.4 9.6





#83
Chrysene
Concen: 34.559 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

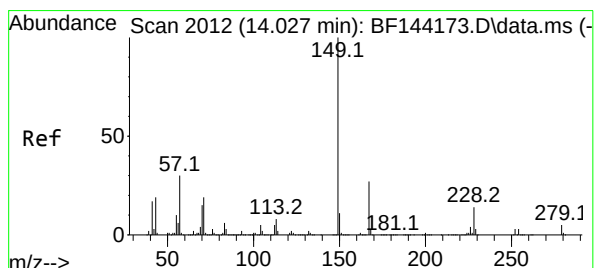
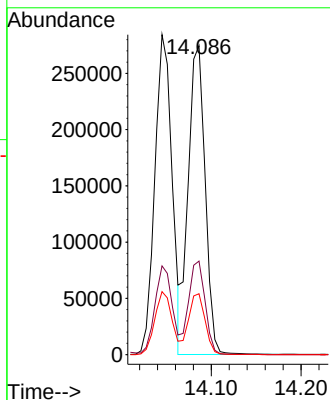
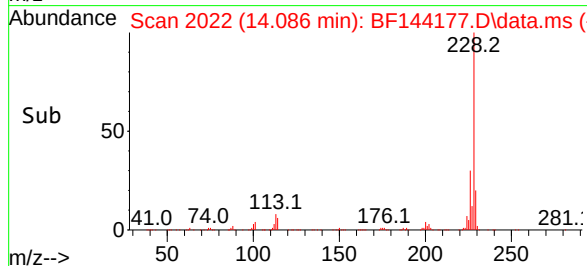
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



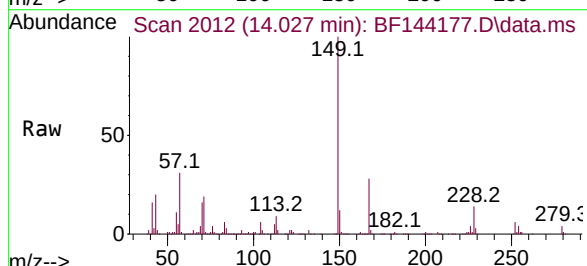
Tgt Ion:228 Resp: 359786
Ion Ratio Lower Upper
228 100
226 30.3 22.9 34.3
229 19.7 15.0 22.6

Manual Integrations
APPROVED

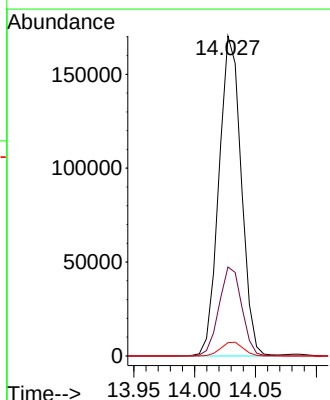
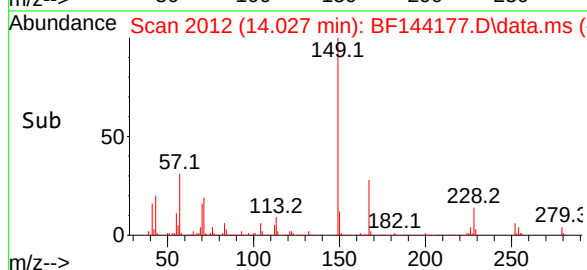
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

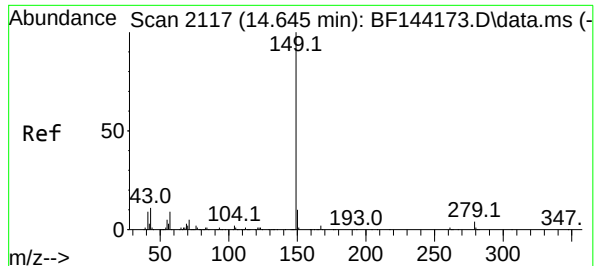


#84
Bis(2-ethylhexyl)phthalate
Concen: 34.880 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



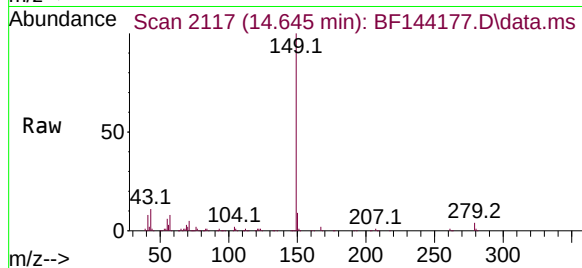
Tgt Ion:149 Resp: 217122
Ion Ratio Lower Upper
149 100
167 27.8 21.8 32.8
279 4.1 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 35.142 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

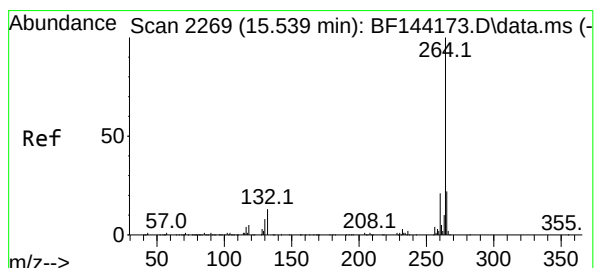
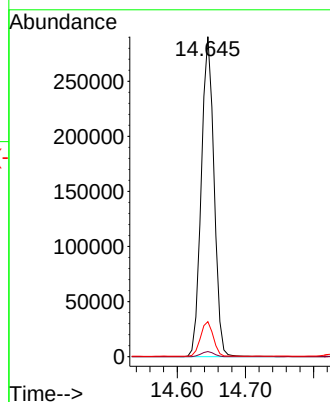
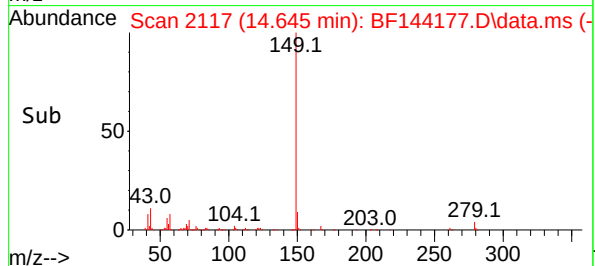
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:149 Resp: 377429
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 9.0 13.4

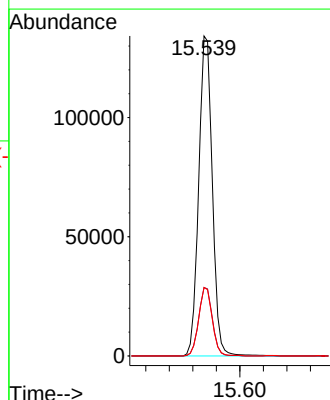
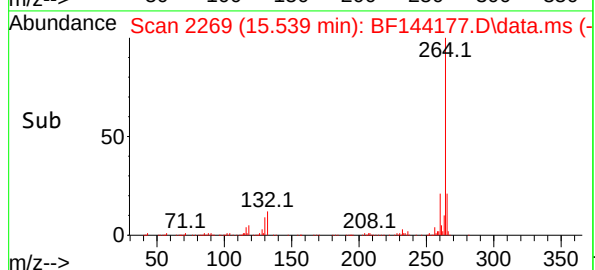
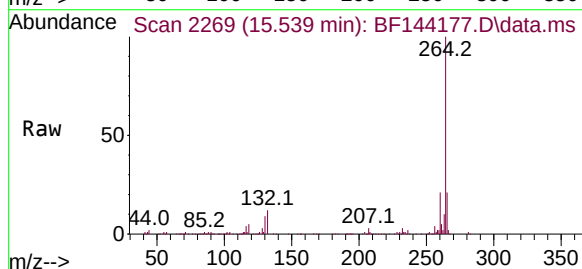
Manual Integrations
APPROVED

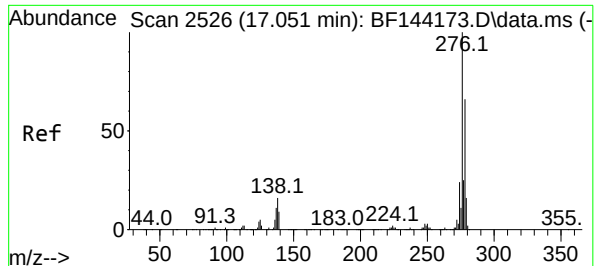
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:264 Resp: 215110
Ion Ratio Lower Upper
264 100
260 21.4 17.1 25.7
265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.019 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:276 Resp: 525298

Ion Ratio Lower Upper

276 100

138 17.7 13.9 20.9

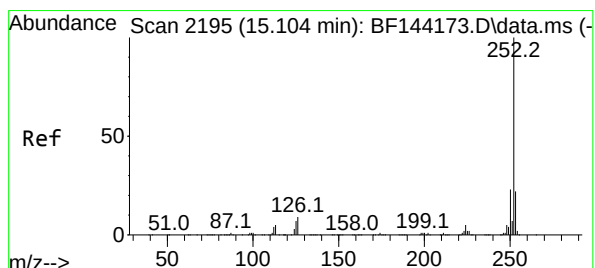
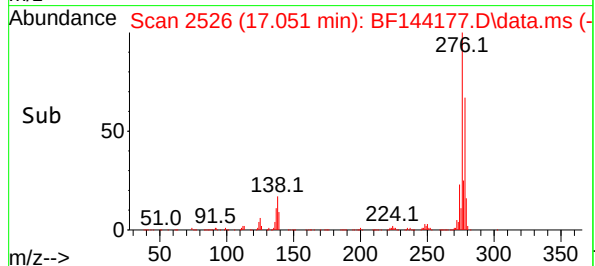
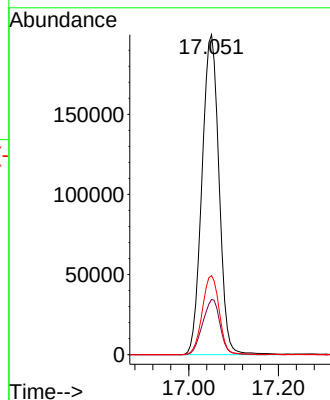
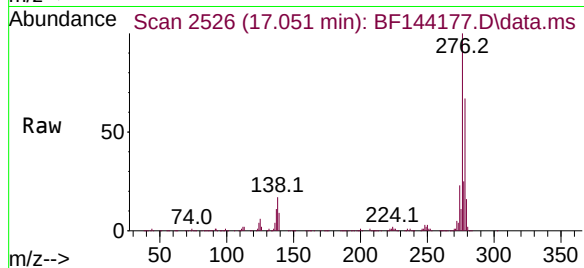
277 24.6 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#88

Benzo(b)fluoranthene

Concen: 35.021 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

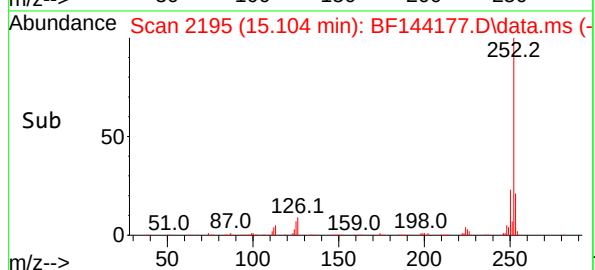
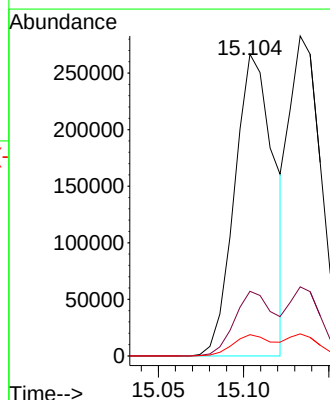
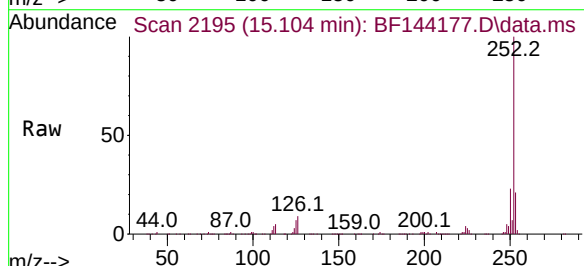
Tgt Ion:252 Resp: 428292

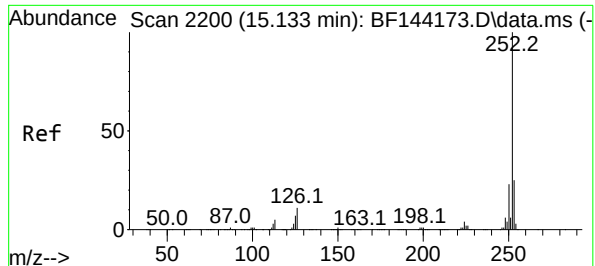
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 7.0 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 32.431 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

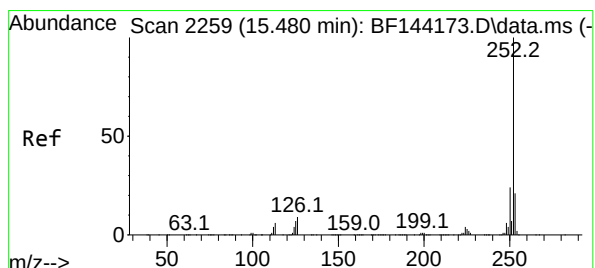
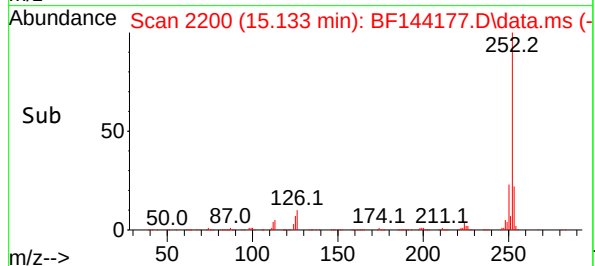
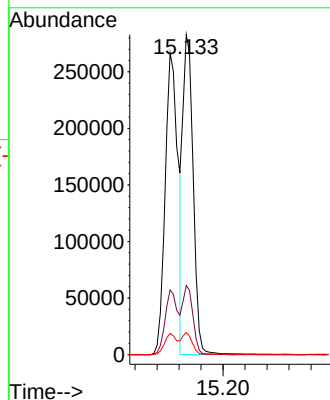
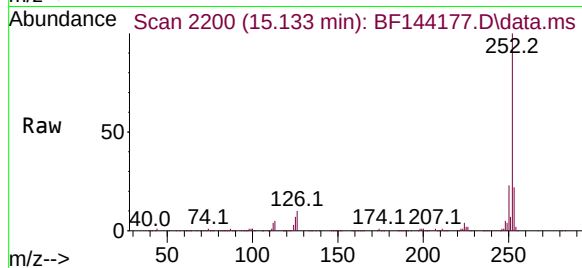
ICVBF110525

Tgt Ion:252 Resp: 371234
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 6.9 5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#90

Benzo(a)pyrene

Concen: 35.415 ng

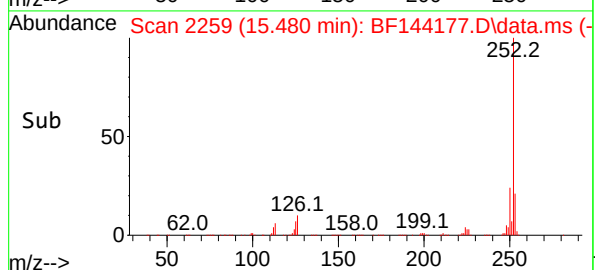
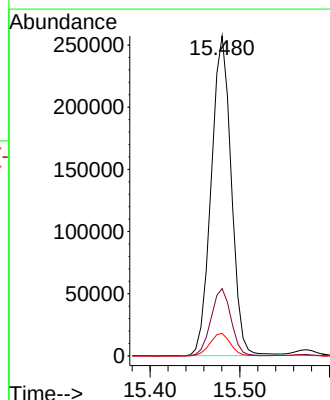
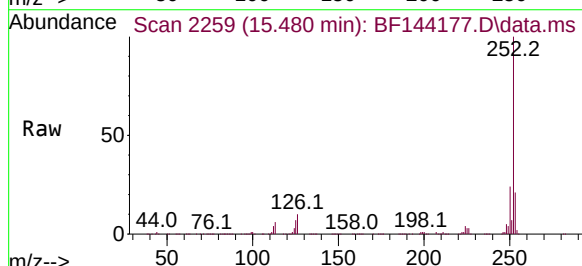
RT: 15.480 min Scan# 2259

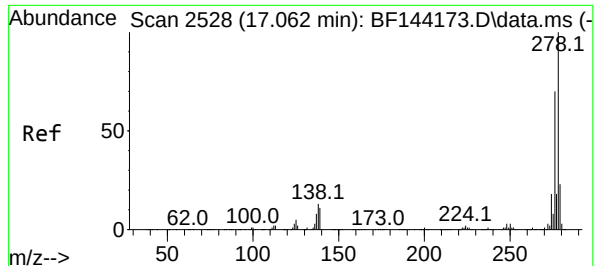
Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Tgt Ion:252 Resp: 399556
Ion Ratio Lower Upper
252 100
253 21.0 16.7 25.1
125 7.0 5.7 8.5





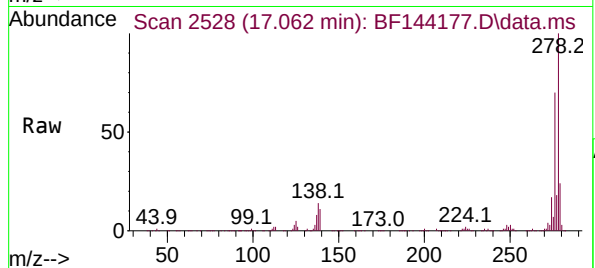
#91
Dibenzo(a,h)anthracene
Concen: 34.126 ng
RT: 17.062 min Scan# 2528
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



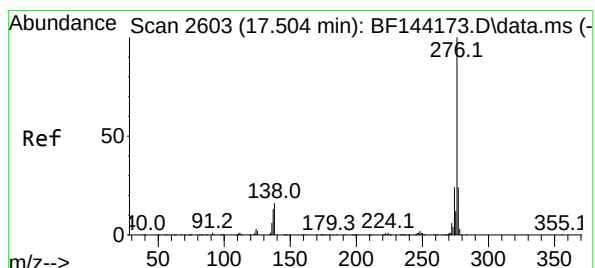
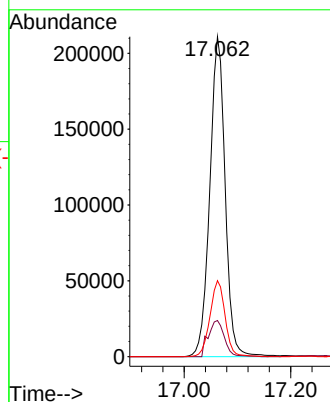
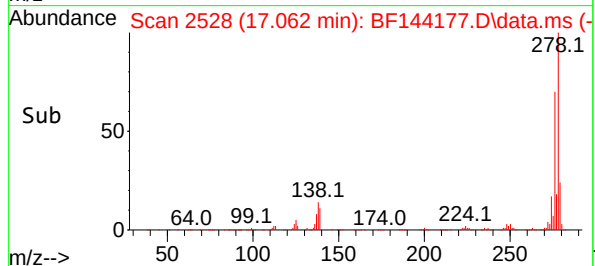
Tgt Ion:278 Resp: 423195
Ion Ratio Lower Upper
278 100
139 11.3 9.1 13.7
279 23.7 18.2 27.4

Manual Integrations

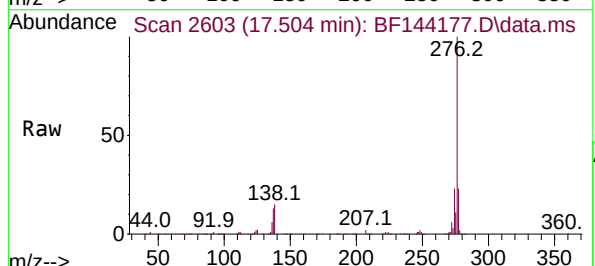
APPROVED

Reviewed By :Rahul Chavli 11/06/2025

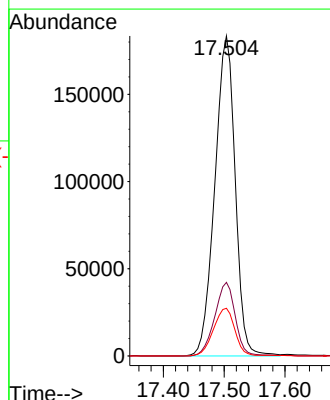
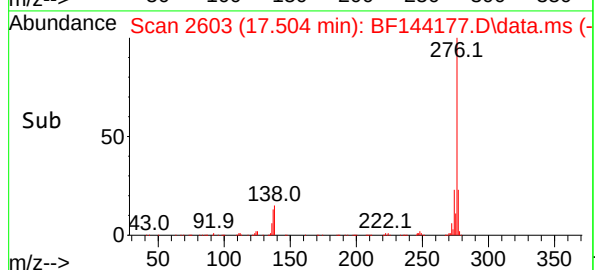
Supervised By :Jagrut Upadhyay 11/06/2025



#92
Benzo(g,h,i)perylene
Concen: 34.857 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion:276 Resp: 426866
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.4
138 14.9 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
2	1,4-Dioxane	0.528	0.462	12.5	83	-0.01
3	Pyridine	1.474	1.199	18.7	78	-0.04
4	n-Nitrosodimethylamine	0.770	0.697	9.5	89	-0.02
5 S	2-Fluorophenol	1.278	1.122	12.2	84	0.00
6	Aniline	2.063	1.917	7.1	92	0.00
7 S	Phenol-d6	1.448	1.258	13.1	85	0.00
8	2-Chlorophenol	1.253	1.100	12.2	85	0.00
9	Benzaldehyde	0.818	0.927	-13.3	112	0.00
10 C	Phenol	1.769	1.573	11.1	84	0.00
11	bis(2-Chloroethyl)ether	1.289	1.133	12.1	85	0.00
12	1,3-Dichlorobenzene	1.547	1.393	10.0	89	0.00
13 C	1,4-Dichlorobenzene	1.549	1.389	10.3	86	0.00
14	1,2-Dichlorobenzene	1.485	1.372	7.6	91	0.00
15	Benzyl Alcohol	1.147	1.020	11.1	87	0.00
16	2,2'-oxybis(1-Chloropropane	2.374	2.098	11.6	86	0.00
17	2-Methylphenol	0.997	0.866	13.1	83	0.00
18	Hexachloroethane	0.515	0.464	9.9	86	0.00
19 P	n-Nitroso-di-n-propylamine	0.953	0.812	14.8	84	0.00
20	3+4-Methylphenols	1.175	1.053	10.4	86	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	101	0.00
22	Acetophenone	0.429	0.387	9.8	90	0.00
23 S	Nitrobenzene-d5	0.346	0.297	14.2	83	0.00
24	Nitrobenzene	0.376	0.327	13.0	85	0.00
25	Isophorone	0.655	0.569	13.1	85	0.00
26 C	2-Nitrophenol	0.186	0.170	8.6	87	0.00
27	2,4-Dimethylphenol	0.279	0.274	1.8	93	0.00
28	bis(2-Chloroethoxy)methane	0.409	0.362	11.5	86	0.00
29 C	2,4-Dichlorophenol	0.322	0.274	14.9	83	0.00
30	1,2,4-Trichlorobenzene	0.330	0.294	10.9	88	0.00
31	Naphthalene	0.951	0.829	12.8	86	0.00
32	Benzoic acid	0.204	0.154	24.5	86	-0.04
33	4-Chloroaniline	0.347	0.336	3.2	93	0.00
34 C	Hexachlorobutadiene	0.249	0.215	13.7	83	0.00
35	Caprolactam	0.088	0.074	15.9	80	-0.03
36 C	4-Chloro-3-methylphenol	0.288	0.247	14.2	84	0.00
37	2-Methylnaphthalene	0.636	0.509	20.0	79	0.00
38	1-Methylnaphthalene	0.614	0.514	16.3	83	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	97	0.00
40	1,2,4,5-Tetrachlorobenzene	0.655	0.603	7.9	86	0.00
41 P	Hexachlorocyclopentadiene	0.195	0.243	-24.6	118	0.00
42 S	2,4,6-Tribromophenol	0.251	0.213	15.1	78	0.00
43 C	2,4,6-Trichlorophenol	0.446	0.394	11.7	84	0.00
44	2,4,5-Trichlorophenol	0.481	0.423	12.1	84	0.00
45 S	2-Fluorobiphenyl	1.354	1.180	12.9	85	0.00
46	1,1'-Biphenyl	1.396	1.275	8.7	87	0.00
47	2-Chloronaphthalene	1.191	1.045	12.3	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.344	0.306	11.0	82	0.00
49	Acenaphthylene	1.623	1.615	0.5	95	0.00
50	Dimethylphthalate	1.325	1.162	12.3	83	0.00
51	2,6-Dinitrotoluene	0.268	0.246	8.2	86	0.00
52 C	Acenaphthene	1.085	0.914	15.8	81	0.00
53	3-Nitroaniline	0.293	0.259	11.6	80	0.00
54 P	2,4-Dinitrophenol	0.162	0.116	28.4#	80	0.00
55	Dibenzofuran	1.520	1.353	11.0	84	0.00
56 P	4-Nitrophenol	0.212	0.164	22.6	78	0.00
57	2,4-Dinitrotoluene	0.359	0.323	10.0	81	0.00
58	Fluorene	1.156	1.037	10.3	85	0.00
59	2,3,4,6-Tetrachlorophenol	0.340	0.318	6.5	86	0.00
60	Diethylphthalate	1.221	1.058	13.3	82	0.00
61	4-Chlorophenyl-phenylether	0.658	0.576	12.5	81	0.00
62	4-Nitroaniline	0.279	0.246	11.8	83	0.00
63	Azobenzene	1.137	1.022	10.1	85	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	95	0.00
65	4,6-Dinitro-2-methylphenol	0.136	0.106	22.1	78	0.00
66 c	n-Nitrosodiphenylamine	0.643	0.584	9.2	86	0.00
67	4-Bromophenyl-phenylether	0.255	0.218	14.5	79	0.00
68	Hexachlorobenzene	0.301	0.262	13.0	83	0.00
69	Atrazine	0.205	0.188	8.3	87	0.00
70 C	Pentachlorophenol	0.150	0.122	18.7	75	0.00
71	Phenanthrene	0.996	0.873	12.3	82	0.00
72	Anthracene	1.013	0.893	11.8	83	0.00
73	Carbazole	0.861	0.737	14.4	80	0.00
74	Di-n-butylphthalate	1.041	0.899	13.6	80	0.00
75 C	Fluoranthene	1.029	0.883	14.2	80	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	100	0.00
77	Benzidine	0.592	0.668	-12.8	107	0.00
78	Pyrene	1.613	1.331	17.5	78	0.00
79 S	Terphenyl-d14	1.259	1.060	15.8	81	0.00
80	Butylbenzylphthalate	0.559	0.484	13.4	82	0.00
81	Benzo(a)anthracene	1.386	1.161	16.2	81	0.00
82	3,3'-Dichlorobenzidine	0.475	0.471	0.8	98	0.00
83	Chrysene	1.280	1.106	13.6	79	0.00
84	Bis(2-ethylhexyl)phthalate	0.765	0.667	12.8	82	0.00
85 c	Di-n-octyl phthalate	1.320	1.160	12.1	82	0.00
86 I	Perylene-d12	1.000	1.000	0.0	103	0.00
87	Indeno(1,2,3-cd)pyrene	1.436	1.221	15.0	85	0.02
88	Benzo(b)fluoranthene	1.137	0.996	12.4	83	0.00
89	Benzo(k)fluoranthene	1.064	0.863	18.9	85	0.00
90 C	Benzo(a)pyrene	1.049	0.929	11.4	89	0.00
91	Dibenzo(a,h)anthracene	1.153	0.984	14.7	85	0.01
92	Benzo(g,h,i)perylene	1.139	0.992	12.9	86	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	99	0.00
2	1,4-Dioxane	40.000	34.992	12.5	83	-0.01
3	Pyridine	40.000	32.541	18.6	78	-0.04
4	n-Nitrosodimethylamine	40.000	36.224	9.4	89	-0.02
5 S	2-Fluorophenol	80.000	70.243	12.2	84	0.00
6	Aniline	40.000	37.159	7.1	92	0.00
7 S	Phenol-d6	80.000	69.484	13.1	85	0.00
8	2-Chlorophenol	40.000	35.096	12.3	85	0.00
9	Benzaldehyde	40.000	45.337	-13.3	112	0.00
10 C	Phenol	40.000	35.563	11.1	84	0.00
11	bis(2-Chloroethyl)ether	40.000	35.167	12.1	85	0.00
12	1,3-Dichlorobenzene	40.000	36.038	9.9	89	0.00
13 C	1,4-Dichlorobenzene	40.000	35.858	10.4	86	0.00
14	1,2-Dichlorobenzene	40.000	36.957	7.6	91	0.00
15	Benzyl Alcohol	40.000	35.593	11.0	87	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	35.340	11.6	86	0.00
17	2-Methylphenol	40.000	34.723	13.2	83	0.00
18	Hexachloroethane	40.000	36.050	9.9	86	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	34.051	14.9	84	0.00
20	3+4-Methylphenols	40.000	35.839	10.4	86	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	101	0.00
22	Acetophenone	40.000	36.061	9.8	90	0.00
23 S	Nitrobenzene-d5	80.000	68.601	14.2	83	0.00
24	Nitrobenzene	40.000	34.763	13.1	85	0.00
25	Isophorone	40.000	34.755	13.1	85	0.00
26 C	2-Nitrophenol	40.000	36.521	8.7	87	0.00
27	2,4-Dimethylphenol	40.000	39.334	1.7	93	0.00
28	bis(2-Chloroethoxy)methane	40.000	35.422	11.4	86	0.00
29 C	2,4-Dichlorophenol	40.000	34.086	14.8	83	0.00
30	1,2,4-Trichlorobenzene	40.000	35.677	10.8	88	0.00
31	Naphthalene	40.000	34.861	12.8	86	0.00
32	Benzoic acid	40.000	30.148	24.6	86	-0.04
33	4-Chloroaniline	40.000	38.685	3.3	93	0.00
34 C	Hexachlorobutadiene	40.000	34.552	13.6	83	0.00
35	Caprolactam	40.000	33.478	16.3	80	-0.03
36 C	4-Chloro-3-methylphenol	40.000	34.336	14.2	84	0.00
37	2-Methylnaphthalene	40.000	31.978	20.1	79	0.00
38	1-Methylnaphthalene	40.000	33.472	16.3	83	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	97	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	36.811	8.0	86	0.00
41 P	Hexachlorocyclopentadiene	40.000	46.350	-15.9	118	0.00
42 S	2,4,6-Tribromophenol	80.000	67.987	15.0	78	0.00
43 C	2,4,6-Trichlorophenol	40.000	35.357	11.6	84	0.00
44	2,4,5-Trichlorophenol	40.000	35.179	12.1	84	0.00
45 S	2-Fluorobiphenyl	80.000	69.741	12.8	85	0.00
46	1,1'-Biphenyl	40.000	36.526	8.7	87	0.00
47	2-Chloronaphthalene	40.000	35.092	12.3	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	35.641	10.9	82	0.00
49	Acenaphthylene	40.000	39.818	0.5	95	0.00
50	Dimethylphthalate	40.000	35.076	12.3	83	0.00
51	2,6-Dinitrotoluene	40.000	36.758	8.1	86	0.00
52 C	Acenaphthene	40.000	33.702	15.7	81	0.00
53	3-Nitroaniline	40.000	35.372	11.6	80	0.00
54 P	2,4-Dinitrophenol	40.000	28.732	28.2#	80	0.00
55	Dibenzofuran	40.000	35.602	11.0	84	0.00
56 P	4-Nitrophenol	40.000	30.929	22.7	78	0.00
57	2,4-Dinitrotoluene	40.000	35.994	10.0	81	0.00
58	Fluorene	40.000	35.903	10.2	85	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	37.425	6.4	86	0.00
60	Diethylphthalate	40.000	34.646	13.4	82	0.00
61	4-Chlorophenyl-phenylether	40.000	35.002	12.5	81	0.00
62	4-Nitroaniline	40.000	35.278	11.8	83	0.00
63	Azobenzene	40.000	35.958	10.1	85	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	95	0.00
65	4,6-Dinitro-2-methylphenol	40.000	31.346	21.6	78	0.00
66 c	n-Nitrosodiphenylamine	40.000	36.292	9.3	86	0.00
67	4-Bromophenyl-phenylether	40.000	34.135	14.7	79	0.00
68	Hexachlorobenzene	40.000	34.810	13.0	83	0.00
69	Atrazine	40.000	36.790	8.0	87	0.00
70 C	Pentachlorophenol	40.000	32.706	18.2	75	0.00
71	Phenanthrene	40.000	35.049	12.4	82	0.00
72	Anthracene	40.000	35.286	11.8	83	0.00
73	Carbazole	40.000	34.224	14.4	80	0.00
74	Di-n-butylphthalate	40.000	34.535	13.7	80	0.00
75 C	Fluoranthene	40.000	34.338	14.2	80	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	100	0.00
77	Benzidine	40.000	45.165	-12.9	107	0.00
78	Pyrene	40.000	33.011	17.5	78	0.00
79 S	Terphenyl-d14	80.000	67.318	15.9	81	0.00
80	Butylbenzylphthalate	40.000	34.633	13.4	82	0.00
81	Benzo(a)anthracene	40.000	33.489	16.3	81	0.00
82	3,3'-Dichlorobenzidine	40.000	39.612	1.0	98	0.00
83	Chrysene	40.000	34.559	13.6	79	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	34.880	12.8	82	0.00
85 c	Di-n-octyl phthalate	40.000	35.142	12.1	82	0.00
86 I	Perylene-d12	20.000	20.000	0.0	103	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	34.019	15.0	85	0.02
88	Benzo(b)fluoranthene	40.000	35.021	12.4	83	0.00
89	Benzo(k)fluoranthene	40.000	32.431	18.9	85	0.00
90 C	Benzo(a)pyrene	40.000	35.415	11.5	89	0.00
91	Dibenzo(a,h)anthracene	40.000	34.126	14.7	85	0.01
92	Benzo(g,h,i)perylene	40.000	34.857	12.9	86	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: REMI02Lab Code: ACESDG No.: Q3584Instrument ID: BNA_PCalibration Date(s): 10/29/2025 10/29/2025Calibration Time(s): 09:26 14:13

LAB FILE ID:		RRF2.5 = BP026028.D			RRF005 = BP026029.D		RRF010 = BP026030.D	
		RRF020 = BP026031.D			RRF040 = BP026032.D		RRF050 = BP026033.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.055	1.255	1.234	1.249	1.123	1.212	7.4
Benzaldehyde			0.855	0.938	0.809	0.670	0.802	11.5
Phenol-d6		1.366	1.580	1.574	1.606	1.425	1.543	6.8
Phenol		1.542	1.771	1.750	1.773	1.568	1.713	6.4
bis(2-Chloroethyl) ether		1.271	1.434	1.372	1.373	1.228	1.352	5.6
2-Chlorophenol		1.116	1.354	1.356	1.403	1.262	1.342	9.0
2-Methylphenol		0.958	1.129	1.145	1.175	1.057	1.121	7.8
2,2-oxybis(1-Chloropropane)		1.978	2.210	2.102	2.099	1.846	2.043	5.8
Acetophenone		0.481	0.548	0.519	0.518	0.455	0.506	6.1
3+4-Methylphenols			1.521	1.557	1.613	1.430	1.560	5.0
n-Nitroso-di-n-propylamine	0.795	0.894	1.013	1.016	1.027	0.904	0.958	8.8
Nitrobenzene-d5		0.256	0.317	0.327	0.338	0.306	0.321	10.3
Hexachloroethane		0.481	0.562	0.535	0.552	0.490	0.533	6.5
Nitrobenzene		0.282	0.345	0.346	0.357	0.317	0.339	8.8
Isophorone		0.606	0.721	0.705	0.720	0.632	0.687	7.0
2-Nitrophenol		0.069	0.092	0.107	0.128	0.124	0.104	23.2
2,4-Dimethylphenol		0.243	0.306	0.281	0.302	0.269	0.289	8.9
bis(2-Chloroethoxy) methane		0.406	0.466	0.436	0.447	0.396	0.433	5.8
2,4-Dichlorophenol		0.241	0.302	0.308	0.327	0.292	0.305	10.8
Naphthalene		1.039	1.181	1.121	1.115	0.978	1.091	6.3
4-Chloroaniline		0.374	0.440	0.427	0.437	0.384	0.419	6.8
Hexachlorobutadiene		0.198	0.231	0.209	0.216	0.190	0.211	6.7
Caprolactam			0.099	0.103	0.113	0.099	0.107	7.0
4-Chloro-3-methylphenol		0.257	0.314	0.325	0.345	0.303	0.320	10.3
2-Methylnaphthalene		0.717	0.823	0.771	0.795	0.694	0.763	6.0
Hexachlorocyclopentadiene			0.200	0.198	0.237	0.218	0.227	11.5
2,4,6-Trichlorophenol		0.256	0.342	0.372	0.402	0.360	0.367	15.7
2-Fluorobiphenyl		1.350	1.549	1.454	1.421	1.231	1.392	7.5
2,4,5-Trichlorophenol		0.309	0.414	0.425	0.456	0.405	0.419	12.9
1,1-Biphenyl		1.454	1.673	1.577	1.560	1.378	1.531	6.4
2-Chloronaphthalene		1.130	1.304	1.248	1.229	1.090	1.205	6.2
2-Nitroaniline		0.166	0.226	0.269	0.304	0.277	0.272	21.9
Dimethylphthalate		1.282	1.574	1.491	1.522	1.323	1.455	7.8
Acenaphthylene		1.547	1.845	1.832	1.832	1.618	1.756	7.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: REMI02Lab Code: ACESDG No.: Q3584Instrument ID: BNA_PCalibration Date(s): 10/29/2025 10/29/2025Calibration Time(s): 09:26 14:13

LAB FILE ID:		RRF2.5 = BP026028.D			RRF005 = BP026029.D		RRF010 = BP026030.D	
		RRF020 = BP026031.D			RRF040 = BP026032.D		RRF050 = BP026033.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.142	0.196	0.234	0.264	0.245	0.237	22.6
3-Nitroaniline		0.177	0.254	0.296	0.324	0.295	0.291	20.7
Acenaphthene		1.101	1.285	1.247	1.249	1.089	1.206	6.8
2,4-Dinitrophenol			0.069	0.082	0.100	0.096	0.100	22.4
4-Nitrophenol			0.277	0.309	0.285	0.258	0.290	7.0
Dibenzofuran		1.725	1.997	1.886	1.869	1.614	1.822	6.9
2,4-Dinitrotoluene		0.195	0.288	0.340	0.393	0.360	0.347	24.0
Diethylphthalate		1.240	1.570	1.484	1.549	1.350	1.463	8.7
4-Chlorophenyl-phenylether		0.699	0.803	0.736	0.731	0.623	0.713	8.3
Fluorene		1.347	1.621	1.501	1.450	1.260	1.427	8.8
4-Nitroaniline		0.207	0.294	0.328	0.342	0.298	0.311	16.9
4,6-Dinitro-2-methylphenol			0.053	0.065	0.076	0.075	0.077	22.1
n-Nitrosodiphenylamine		0.574	0.678	0.641	0.647	0.567	0.625	6.8
2,4,6-Tribromophenol		0.155	0.211	0.218	0.236	0.209	0.216	14.2
4-Bromophenyl-phenylether		0.206	0.234	0.222	0.228	0.204	0.222	5.8
Hexachlorobenzene		0.239	0.273	0.256	0.258	0.226	0.253	6.5
Atrazine		0.177	0.213	0.221	0.219	0.193	0.211	9.6
Pentachlorophenol			0.126	0.143	0.161	0.148	0.154	12.4
Phenanthrene		1.133	1.288	1.209	1.189	1.031	1.164	7.1
Anthracene		1.064	1.262	1.195	1.177	1.044	1.154	7.1
Carbazole		0.985	1.172	1.164	1.129	0.969	1.092	7.7
Di-n-butylphthalate		0.937	1.219	1.241	1.333	1.196	1.222	11.6
Fluoranthene		1.259	1.469	1.426	1.411	1.224	1.358	7.1
Pyrene		1.201	1.488	1.395	1.427	1.217	1.353	8.2
Terphenyl-d14		0.953	1.125	1.013	1.014	0.860	0.984	8.8
Butylbenzylphthalate		0.235	0.337	0.407	0.496	0.468	0.432	26.4
3,3-Dichlorobenzidine			0.390	0.424	0.462	0.416	0.443	8.9
Benzo (a) anthracene		1.279	1.497	1.407	1.420	1.224	1.374	7.0
Chrysene		1.210	1.424	1.348	1.345	1.169	1.302	6.9
Bis (2-ethylhexyl) phthalate		0.453	0.613	0.690	0.829	0.768	0.718	20.3
Di-n-octyl phthalate			0.822	1.025	1.287	1.238	1.191	18.9
Benzo (b) fluoranthene		1.074	1.277	1.278	1.306	1.149	1.242	7.7
Benzo (k) fluoranthene		1.119	1.365	1.306	1.331	1.141	1.268	7.9
Benzo (a) pyrene		0.941	1.169	1.171	1.210	1.054	1.141	9.4
Indeno (1,2,3-cd) pyrene		1.190	1.486	1.539	1.564	1.371	1.476	10.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: REMI02Lab Code: ACESDG No.: Q3584Instrument ID: BNA_PCalibration Date(s): 10/29/2025 10/29/2025Calibration Time(s): 09:26 14:13

LAB FILE ID:		RRF2.5 = BP026028.D			RRF005 = BP026029.D		RRF010 = BP026030.D	
		RRF020 = BP026031.D			RRF040 = BP026032.D		RRF050 = BP026033.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		0.978	1.219	1.249	1.274	1.117	1.202	9.7
Benzo(g,h,i)perylene		0.966	1.167	1.219	1.212	1.068	1.156	8.9
1,2,4,5-Tetrachlorobenzene		0.574	0.670	0.637	0.632	0.565	0.621	6.3
1,4-Dioxane		0.472	0.567	0.519	0.515	0.453	0.511	7.6
2,3,4,6-Tetrachlorophenol		0.223	0.303	0.332	0.364	0.328	0.330	16.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP102925.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Oct 30 11:51:34 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BP026028.D 5 =BP026029.D 10 =BP026030.D 20 =BP026031.D 40 =BP026032.D 50 =BP026033.D 60 =BP026034.D 80 =BP026035.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.472	0.567	0.519	0.515	0.453	0.541	0.510	0.511	7.57	
3)	Pyridine	1.330	1.538	1.488	1.481	1.304	1.552	1.475	1.453	6.69	
4)	n-Nitrosodimet...	0.601	0.591	0.584	0.522	0.611	0.584	0.582	0.582	5.39	
5) S	2-Fluorophenol	1.055	1.255	1.234	1.249	1.123	1.318	1.250	1.212	7.44	
6)	Aniline	1.893	2.157	2.117	2.112	1.885	2.158	2.091	2.059	5.76	
7) S	Phenol-d6	1.366	1.580	1.574	1.606	1.425	1.644	1.604	1.543	6.77	
8)	2-Chlorophenol	1.116	1.354	1.356	1.403	1.262	1.478	1.426	1.342	8.97	
9)	Benzaldehyde	0.856	0.937	0.809	0.670	0.796	0.744	0.802	0.802	11.45	
10) C	Phenol	1.542	1.771	1.750	1.773	1.568	1.823	1.761	1.713	6.44	
11)	bis(2-Chloroet...	1.271	1.434	1.372	1.373	1.228	1.419	1.363	1.352	5.57	
12)	1,3-Dichlorobe...	1.466	1.660	1.572	1.573	1.385	1.610	1.524	1.541	6.00	
13) C	1,4-Dichlorobe...	1.491	1.681	1.585	1.578	1.399	1.633	1.542	1.558	5.97	
14)	1,2-Dichlorobe...	1.412	1.595	1.517	1.515	1.338	1.550	1.481	1.487	5.83	
15)	Benzyl Alcohol	1.070	1.099	1.140	1.020	1.179	1.165	1.112	1.112	5.47	
16)	2,2'-oxybis(1-...	1.978	2.210	2.102	2.099	1.846	2.083	1.982	2.043	5.75	
17)	2-Methylphenol	0.958	1.129	1.145	1.175	1.057	1.210	1.176	1.121	7.75	
18)	Hexachloroethane	0.481	0.562	0.535	0.552	0.490	0.568	0.546	0.533	6.49	
19) P	n-Nitroso-di-n...	0.795	0.894	1.013	1.016	1.027	0.904	1.025	0.986	0.958	8.83
20)	3+4-Methylphenols	1.521	1.557	1.613	1.430	1.646	1.595	1.560	1.560	4.96	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.481	0.548	0.519	0.518	0.455	0.525	0.494	0.506	6.14	
23) S	Nitrobenzene-d5	0.256	0.317	0.327	0.338	0.306	0.359	0.343	0.321	10.34	
24)	Nitrobenzene	0.282	0.345	0.346	0.357	0.317	0.371	0.354	0.339	8.83	
25)	Isophorone	0.606	0.721	0.705	0.720	0.632	0.730	0.693	0.687	7.03	
26) C	2-Nitrophenol	0.069	0.092	0.107	0.128	0.124	0.104	0.104	0.104	23.21	
27)	2,4-Dimethylph...	0.243	0.306	0.281	0.302	0.269	0.315	0.305	0.289	8.90	
28)	bis(2-Chloroet...	0.406	0.466	0.436	0.447	0.396	0.451	0.427	0.433	5.79	
29) C	2,4-Dichloroph...	0.241	0.302	0.308	0.327	0.292	0.340	0.324	0.305	10.75	
30)	1,2,4-Trichlor...	0.306	0.361	0.337	0.339	0.301	0.347	0.328	0.331	6.52	
31)	Naphthalene	1.039	1.181	1.121	1.115	0.978	1.137	1.063	1.091	6.28	
32)	Benzoic acid	0.100	0.127	0.168	0.162	0.206	0.213	0.163	0.163	26.84	
33)	4-Chloroaniline	0.374	0.440	0.427	0.437	0.384	0.445	0.427	0.419	6.80	
34) C	Hexachlorobuta...	0.198	0.231	0.209	0.216	0.190	0.222	0.207	0.211	6.70	
35)	Caprolactam	0.099	0.103	0.113	0.099	0.116	0.112	0.107	0.107	6.98	
36) C	4-Chloro-3-met...	0.257	0.314	0.325	0.345	0.303	0.356	0.337	0.320	10.33	
37)	2-Methylnaphth...	0.717	0.823	0.771	0.795	0.694	0.793	0.750	0.763	6.02	
38)	1-Methylnaphth...	0.709	0.801	0.754	0.768	0.663	0.770	0.726	0.742	6.19	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP102925.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.574	0.670	0.637	0.632	0.565	0.654	0.619	0.621	6.33	
41) P	Hexachlorocycl...	0.200	0.198	0.237	0.218	0.260	0.251	0.227		11.46	
42) S	2,4,6-Tribromo...	0.155	0.211	0.218	0.236	0.209	0.250	0.234	0.216	14.19	
43) C	2,4,6-Trichlor...	0.256	0.342	0.372	0.402	0.360	0.427	0.413	0.367	15.70	
44)	2,4,5-Trichlor...	0.309	0.414	0.425	0.456	0.405	0.469	0.456	0.419	12.90	
45) S	2-Fluorobiphenyl	1.350	1.549	1.454	1.421	1.231	1.432	1.307	1.392	7.53	
46)	1,1'-Biphenyl	1.454	1.673	1.577	1.560	1.378	1.585	1.493	1.531	6.36	
47)	2-Chloronaphth...	1.130	1.304	1.248	1.229	1.090	1.253	1.180	1.205	6.23	
48)	2-Nitroaniline	0.166	0.226	0.269	0.304	0.277	0.332	0.329	0.272	21.95	
49)	Acenaphthylene	1.547	1.845	1.832	1.832	1.618	1.876	1.742	1.756	7.23	
50)	Dimethylphthalate	1.282	1.574	1.491	1.522	1.323	1.554	1.438	1.455	7.81	
51)	2,6-Dinitrotol...	0.142	0.196	0.234	0.264	0.245	0.294	0.287	0.237	22.61	
52) C	Acenaphthene	1.101	1.285	1.247	1.249	1.089	1.278	1.192	1.206	6.77	
53)	3-Nitroaniline	0.177	0.254	0.296	0.324	0.295	0.351	0.342	0.291	20.65	
54) P	2,4-Dinitrophenol	0.069	0.082	0.100	0.096	0.123	0.126	0.100		22.44	
55)	Dibenzofuran	1.725	1.997	1.886	1.869	1.614	1.884	1.776	1.822	6.94	
56) P	4-Nitrophenol	0.277	0.309	0.285	0.258	0.310	0.301	0.290		7.04	
57)	2,4-Dinitrotol...	0.195	0.288	0.340	0.393	0.360	0.433	0.418	0.347	23.95	
58)	Fluorene	1.347	1.621	1.501	1.450	1.260	1.492	1.319	1.427	8.77	
59)	2,3,4,6-Tetrac...	0.223	0.303	0.332	0.364	0.328	0.386	0.370	0.330	16.67	
60)	Diethylphthalate	1.240	1.570	1.484	1.549	1.350	1.591	1.454	1.463	8.74	
61)	4-Chlorophenyl...	0.699	0.803	0.736	0.731	0.623	0.739	0.658	0.713	8.29	
62)	4-Nitroaniline	0.207	0.294	0.328	0.342	0.298	0.368	0.339	0.311	16.92	
63)	Azobenzene	1.206	1.475	1.365	1.379	1.188	1.387	1.279	1.325	7.90	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.053	0.065	0.076	0.075	0.096	0.096	0.077		22.06	
66) c	n-Nitrosodiphe...	0.574	0.678	0.641	0.647	0.567	0.659	0.611	0.625	6.80	
67)	4-Bromophenyl-...	0.206	0.234	0.222	0.228	0.204	0.237	0.222	0.222	5.77	
68)	Hexachlorobenzene	0.239	0.273	0.256	0.258	0.226	0.268	0.247	0.253	6.53	
69)	Atrazine	0.177	0.213	0.221	0.219	0.193	0.239	0.216	0.211	9.57	
70) C	Pentachlorophenol	0.126	0.143	0.161	0.148	0.178	0.170	0.154		12.39	
71)	Phenanthrene	1.133	1.288	1.209	1.189	1.031	1.195	1.105	1.164	7.12	
72)	Anthracene	1.064	1.262	1.195	1.177	1.044	1.220	1.115	1.154	7.09	
73)	Carbazole	0.985	1.172	1.164	1.129	0.969	1.148	1.078	1.092	7.74	
74)	Di-n-butylphth...	0.937	1.219	1.241	1.333	1.196	1.378	1.252	1.222	11.57	
75) C	Fluoranthene	1.259	1.469	1.426	1.411	1.224	1.422	1.295	1.358	7.09	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.411	0.508	0.517	0.451	0.598	0.560	0.508		13.50	
78)	Pyrene	1.201	1.488	1.395	1.427	1.217	1.431	1.310	1.353	8.25	
79) S	Terphenyl-d14	0.953	1.125	1.013	1.014	0.860	1.019	0.908	0.984	8.77	
80)	Butylbenzylpht...	0.235	0.337	0.407	0.496	0.468	0.559	0.520	0.432	26.44	
81)	Benzo(a)anthra...	1.279	1.497	1.407	1.420	1.224	1.443	1.350	1.374	6.97	
82)	3,3'-Dichlorob...	0.390	0.424	0.462	0.416	0.497	0.467	0.443		8.87	
83)	Chrysene	1.210	1.424	1.348	1.345	1.169	1.349	1.268	1.302	6.92	
84)	Bis(2-ethylhex...	0.453	0.613	0.690	0.829	0.768	0.866	0.808	0.718	20.27	
85) c	Di-n-octyl pht...	0.822	1.025	1.287	1.238	1.407	1.364	1.191		18.86	

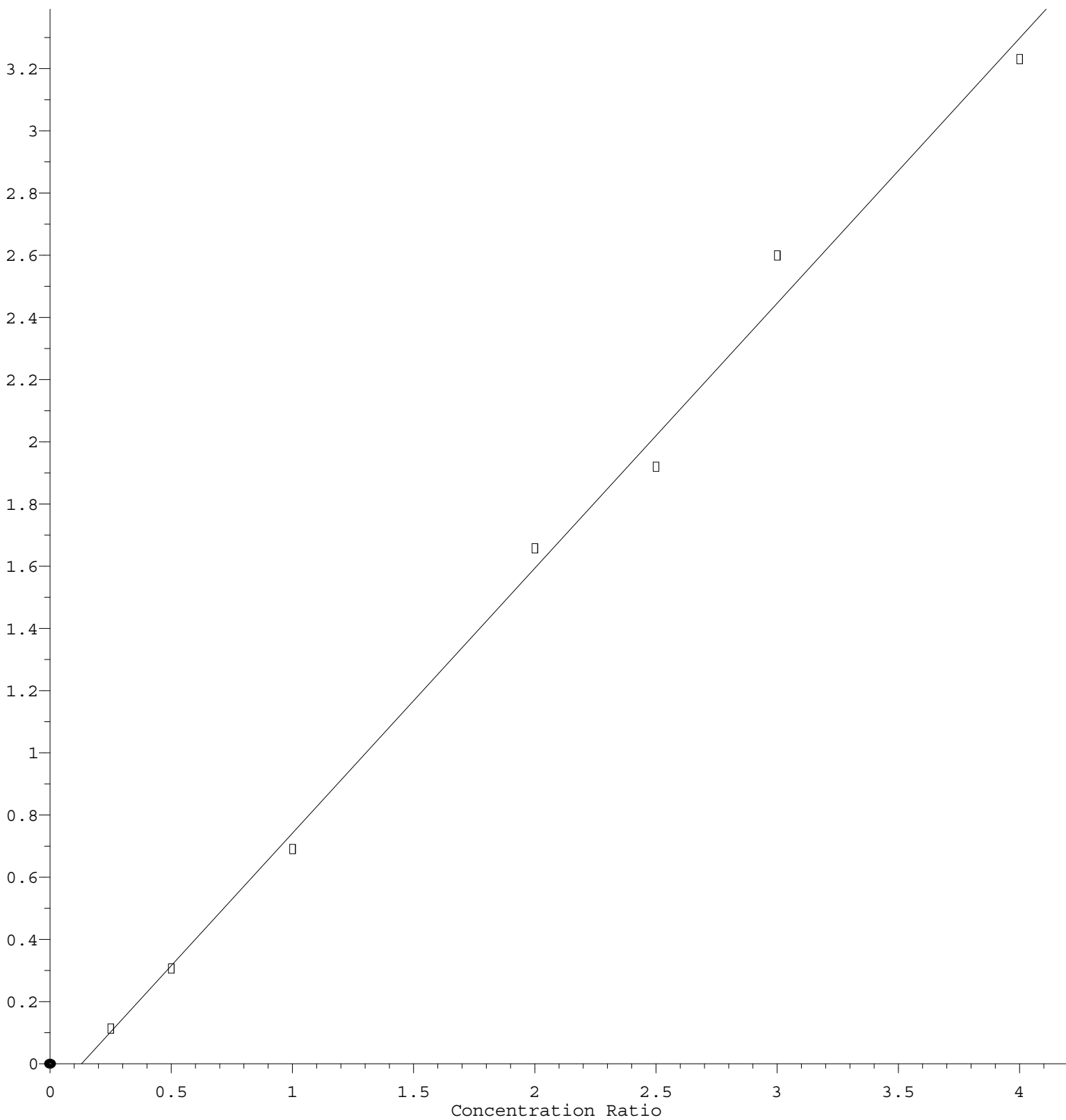
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP102925.M

		-----ISTD-----	
86) I	Perylene-d12		
87)	Indeno(1,2,3-c...	1.190 1.491 1.538 1.563 1.369 1.629 1.555 1.477	10.15
88)	Benzo(b)fluora...	1.074 1.277 1.278 1.306 1.149 1.345 1.262 1.242	7.67
89)	Benzo(k)fluora...	1.119 1.365 1.306 1.331 1.141 1.347 1.267 1.268	7.86
90) C	Benzo(a)pyrene	0.941 1.169 1.171 1.210 1.054 1.253 1.186 1.141	9.38
91)	Dibenzo(a,h)an...	0.978 1.219 1.249 1.274 1.117 1.320 1.255 1.202	9.72
92)	Benzo(g,h,i)pe...	0.966 1.167 1.219 1.212 1.068 1.259 1.204 1.156	8.92

(#) = Out of Range

Bis(2-ethylhexyl)phthalate

Response Ratio



$$\text{Response} = 8.521\text{e-}001 * \text{Amt} - 1.107\text{e-}001$$

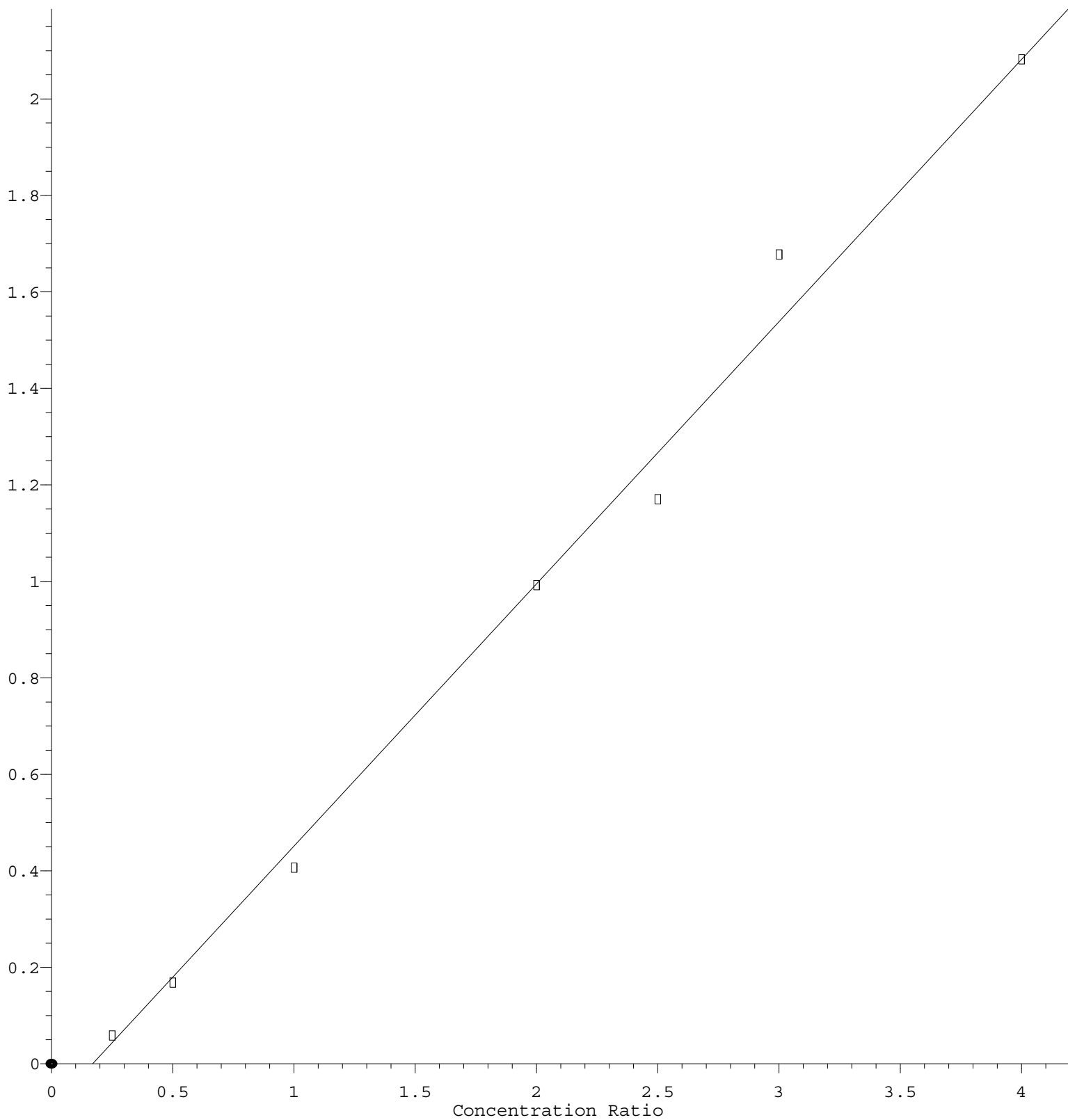
Coef of Det (r^2) = 0.996648 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M

Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

Butylbenzylphthalate

Response Ratio



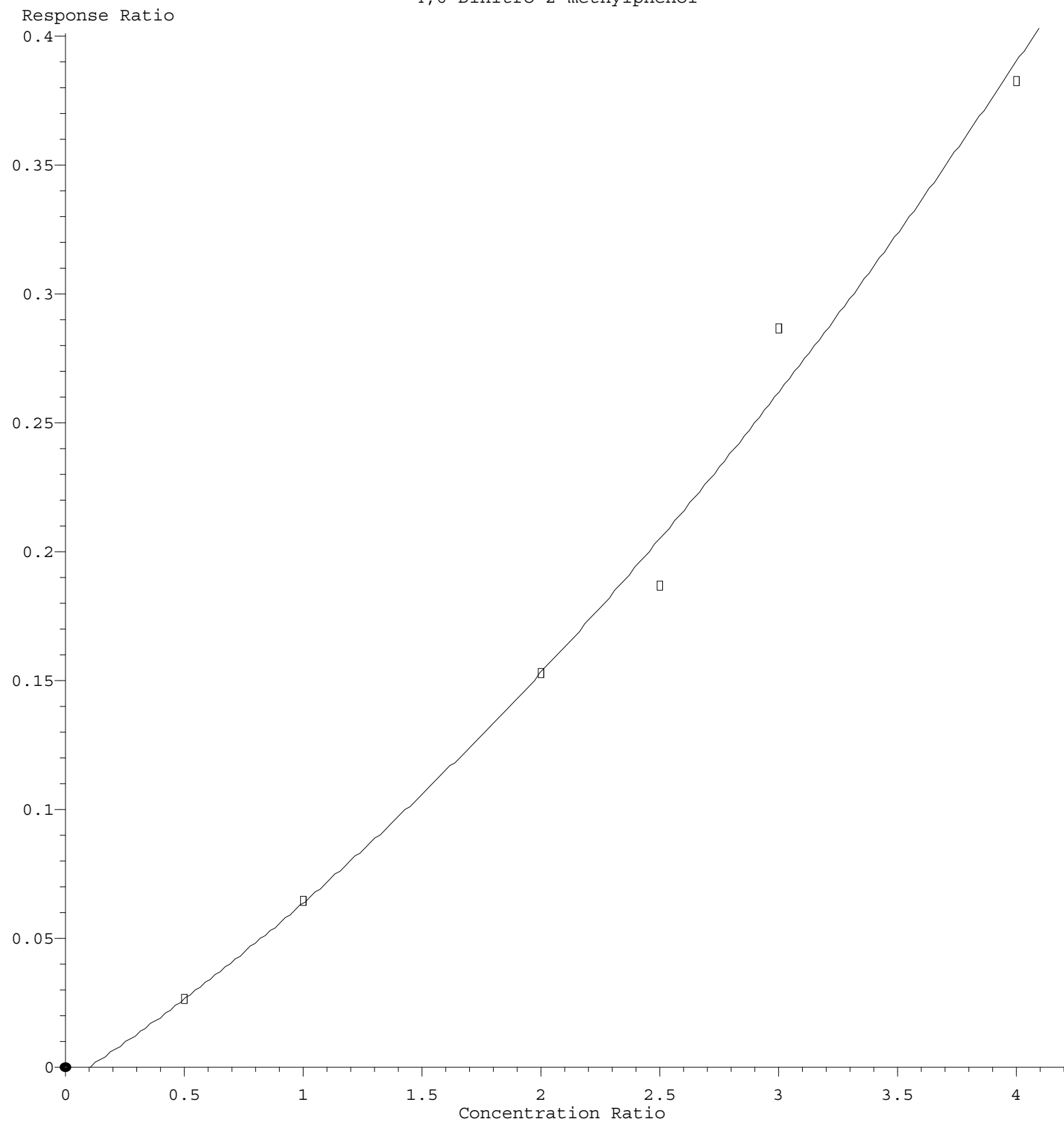
$$\text{Response} = 5.435\text{e-}001 * \text{Amt} - 9.231\text{e-}002$$

Coef of Det (r^2) = 0.993997 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M

Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

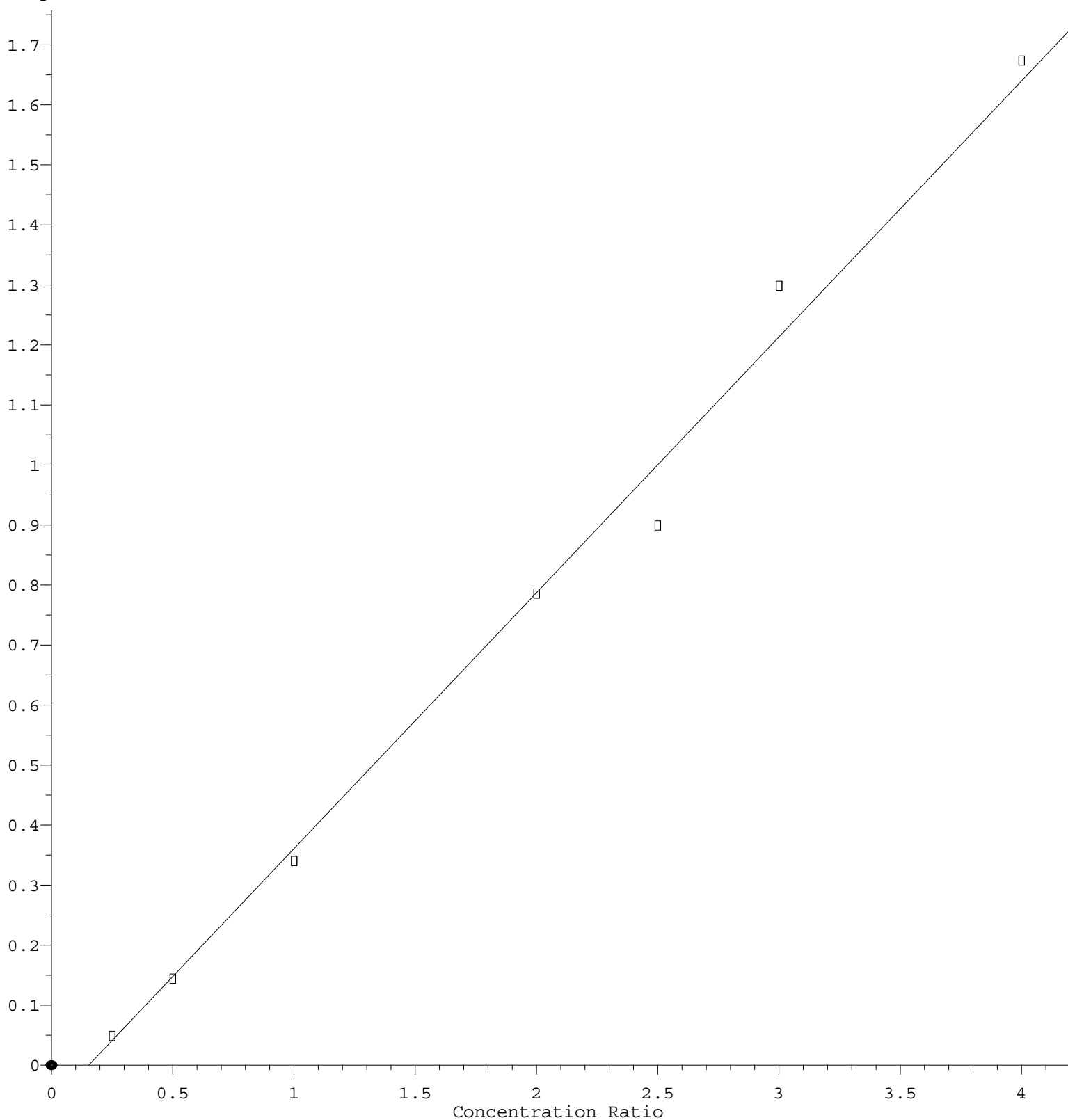
4,6-Dinitro-2-methylphenol



$R = 9.755e-003 A^2 + 5.999e-002 A - 6.001e-003$
 Coef of Det (r^2) = 0.992676 Curve Fit: Quadratic w(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M
 Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

2,4-Dinitrotoluene

Response Ratio



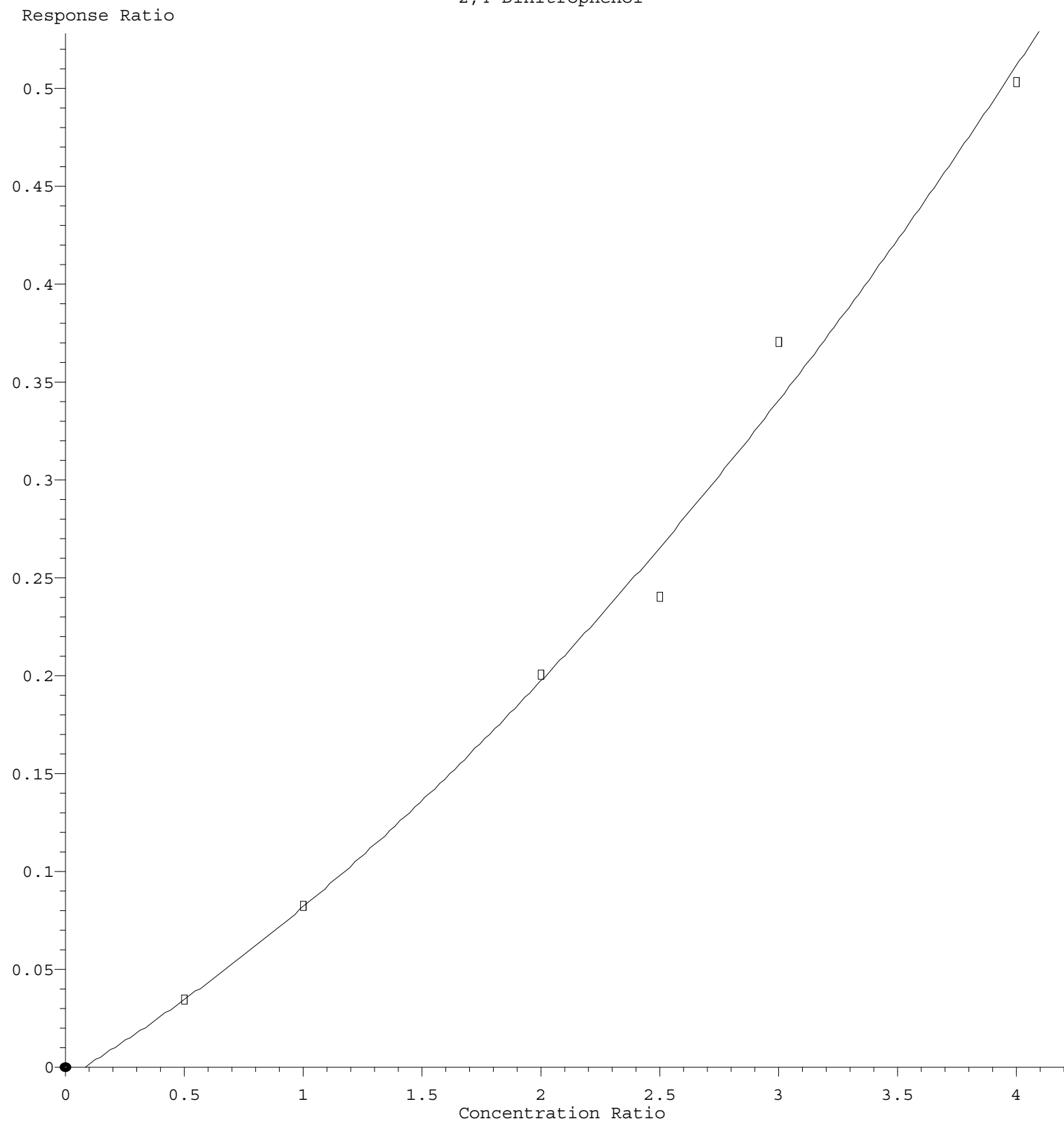
$$\text{Response} = 4.265\text{e-}001 * \text{Amt} - 6.582\text{e-}002$$

Coef of Det (r^2) = 0.994519 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M

Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

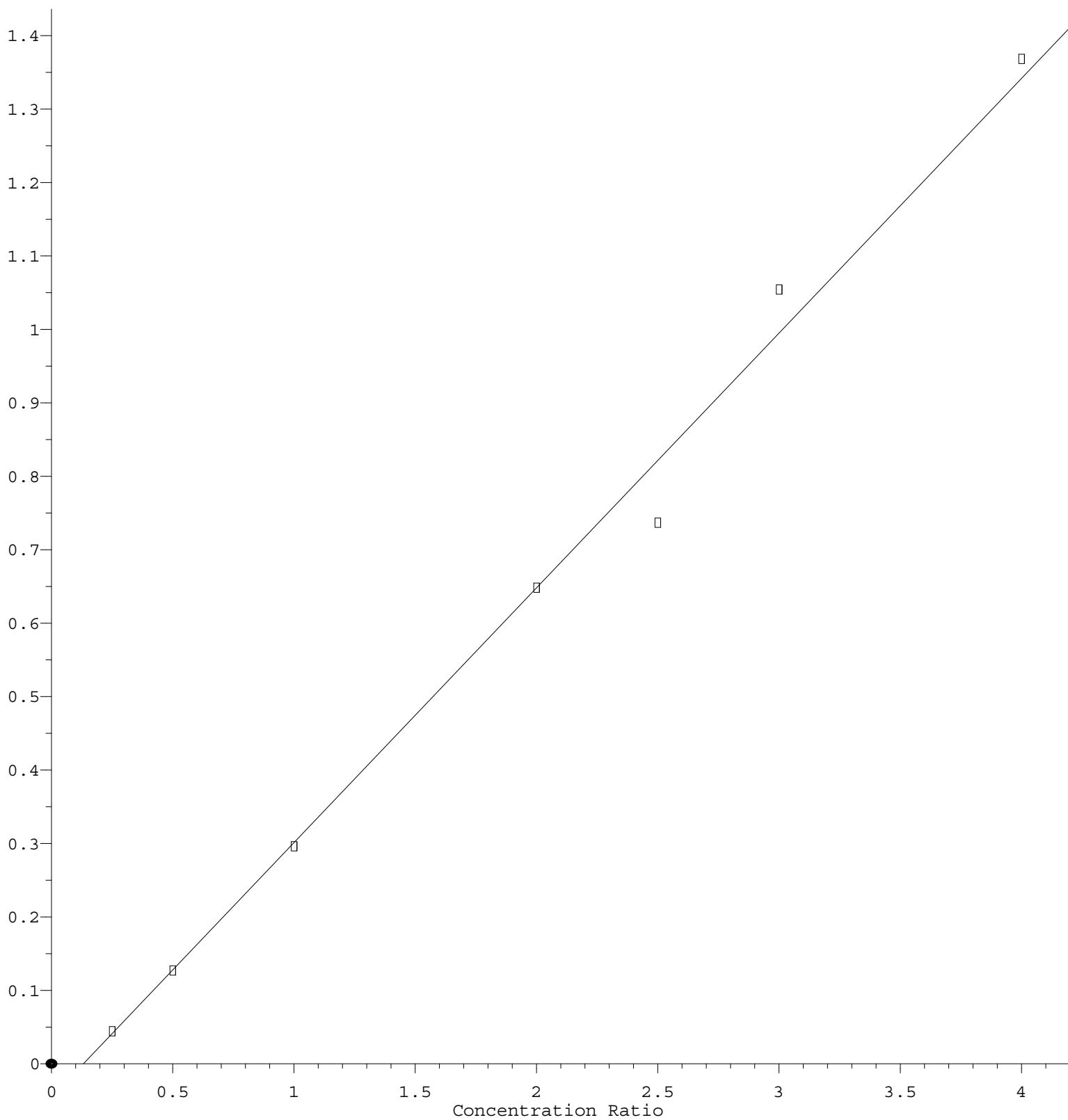
2,4-Dinitrophenol



$R = 1.384e-002 A^2 + 7.400e-002 A - 5.971e-003$
 Coef of Det (r^2) = 0.992971 Curve Fit: Quadratic w(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M
 Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

3-Nitroaniline

Response Ratio



$$\text{Response} = 3.468\text{e-}001 * \text{Amt} - 4.573\text{e-}002$$

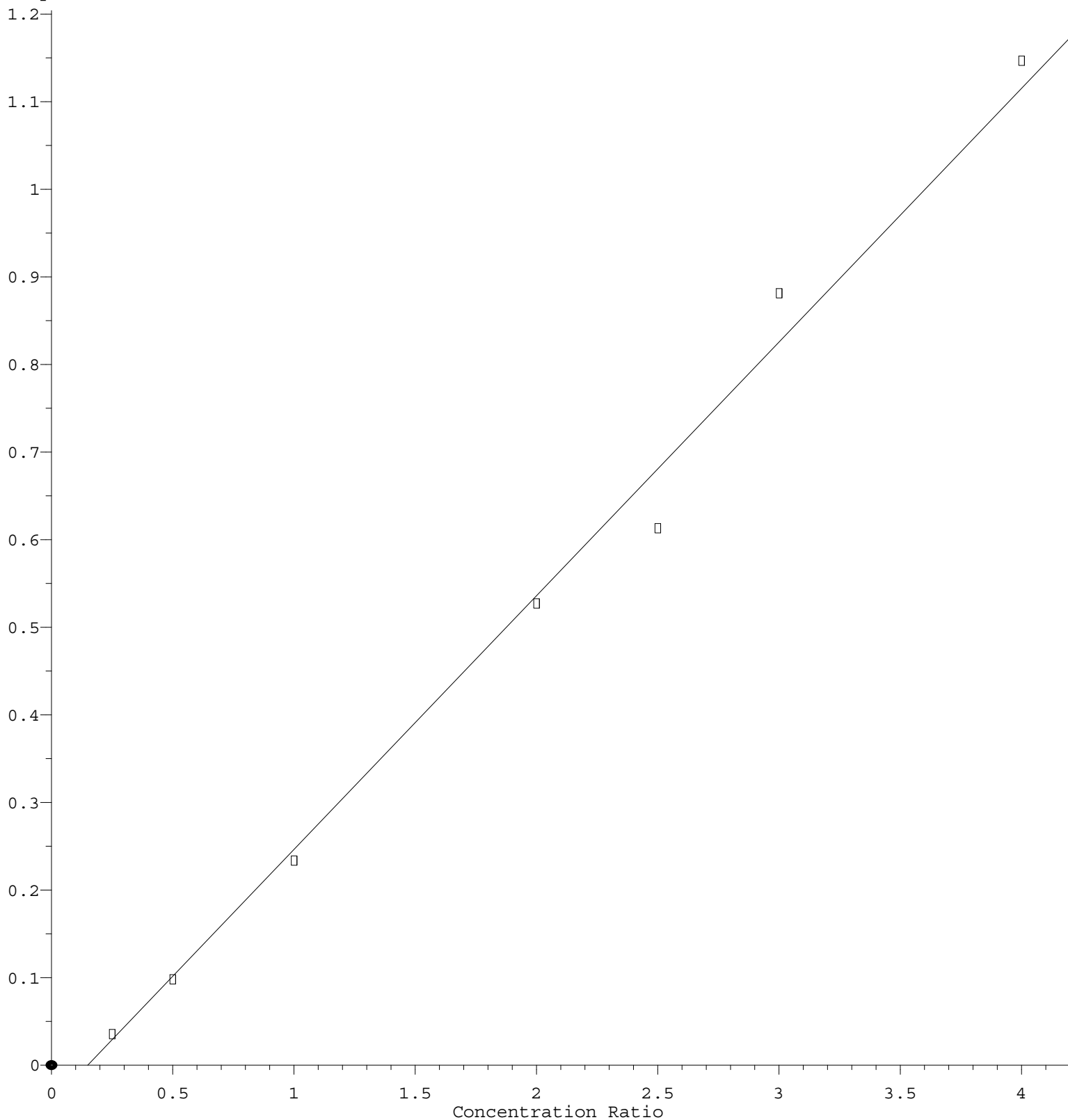
Coef of Det (r^2) = 0.995252 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M

Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

2,6-Dinitrotoluene

Response Ratio



$$\text{Response} = 2.897\text{e-}001 * \text{Amt} - 4.332\text{e-}002$$

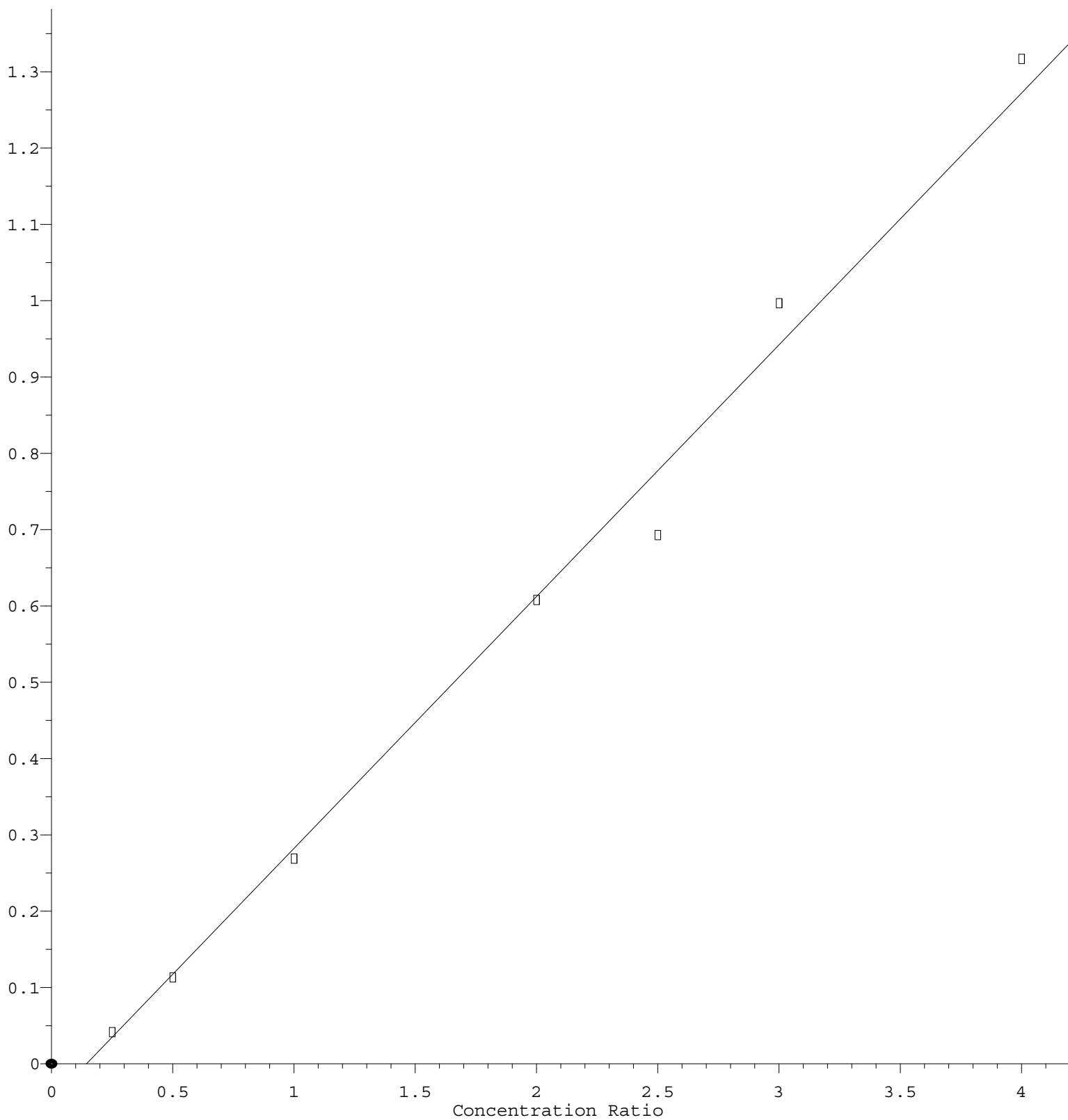
Coef of Det (r^2) = 0.994441 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M

Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

2-Nitroaniline

Response Ratio



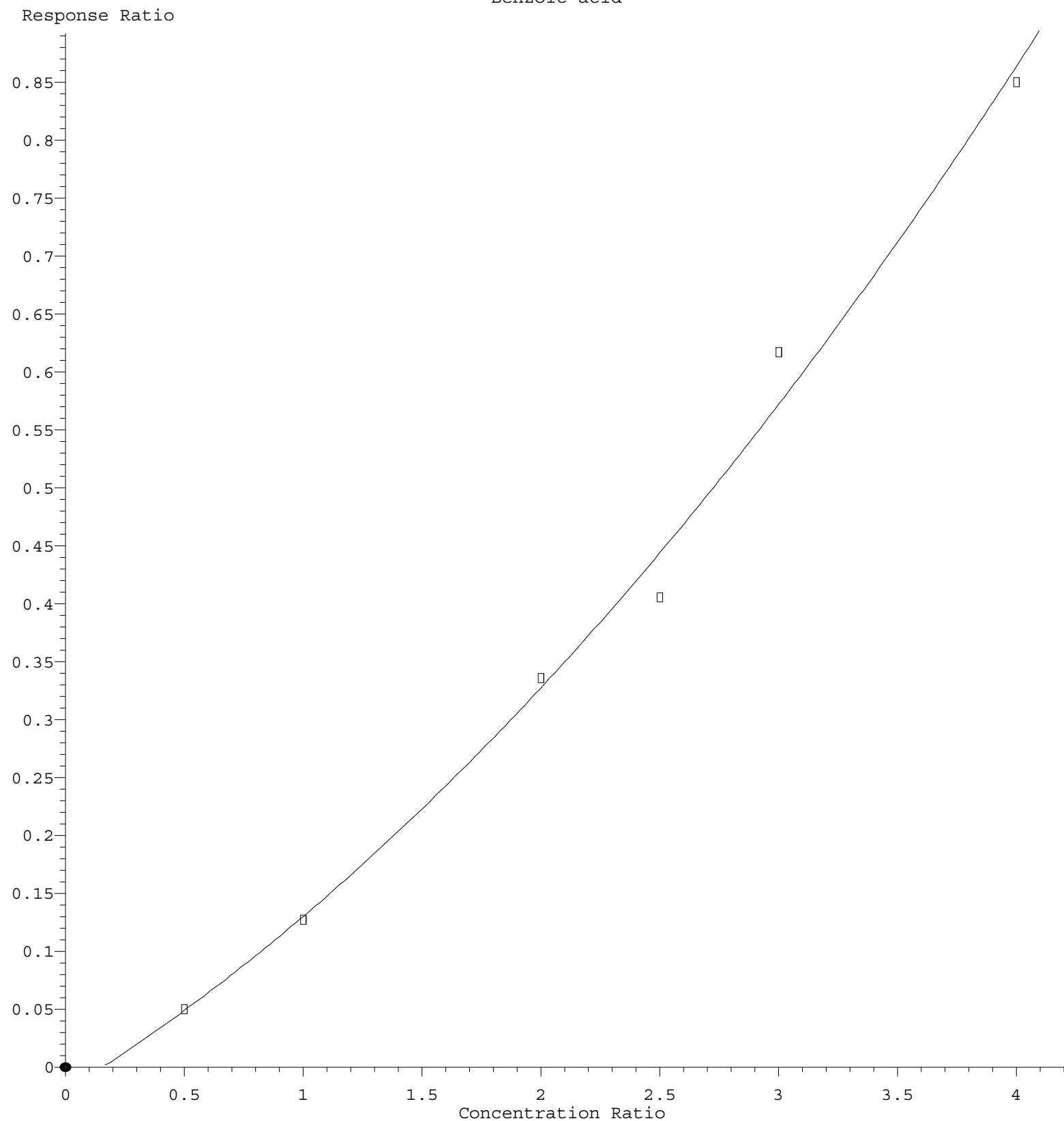
$$\text{Response} = 3.301\text{e-}001 * \text{Amt} - 4.802\text{e-}002$$

Coef of Det (r^2) = 0.994224 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M

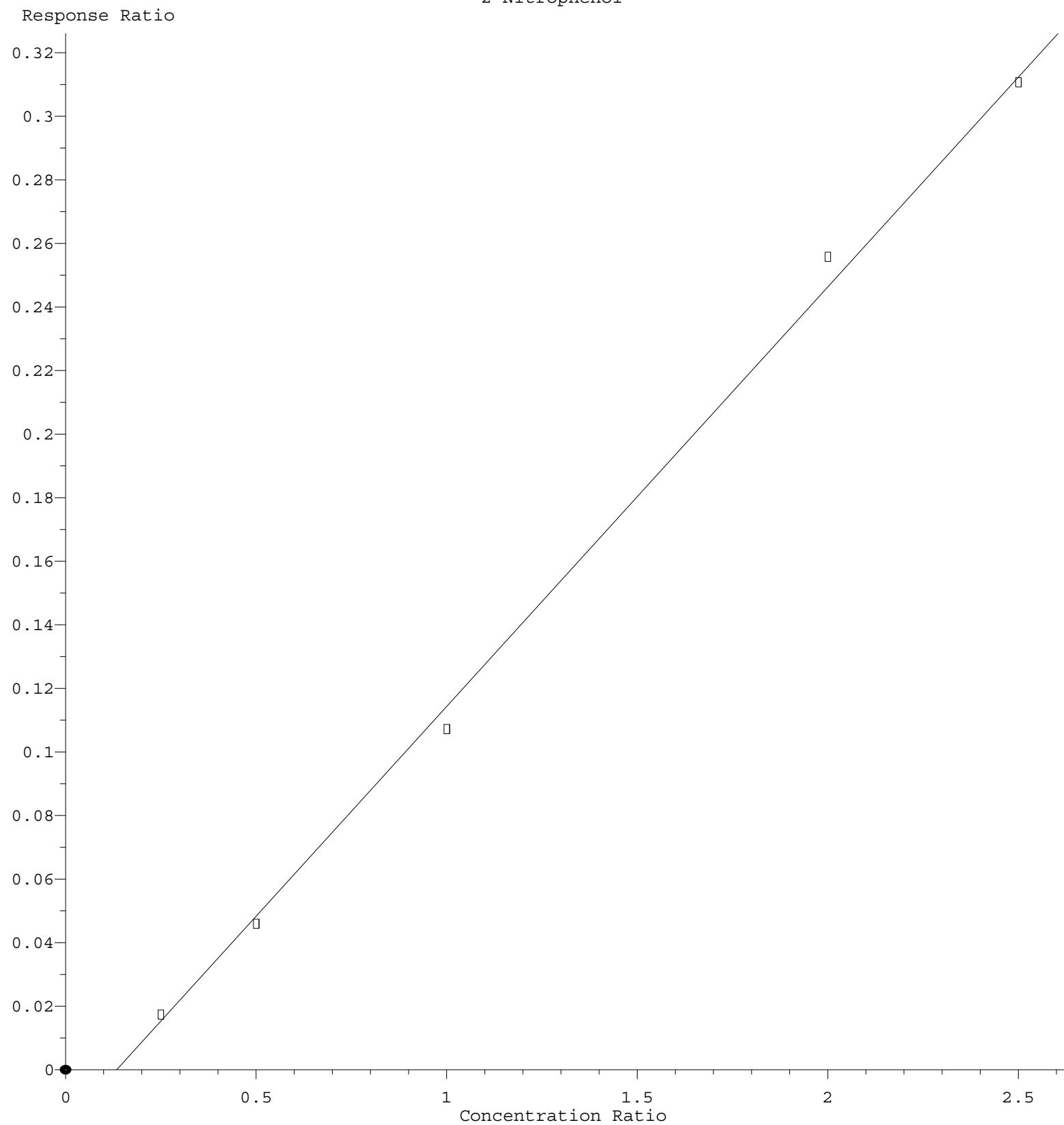
Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

Benzoic acid



$R = 2.355e-002 A^2 + 1.268e-001 A - 2.032e-002$
 Coef of Det (r^2) = 0.994313 Curve Fit: Quadratic w(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M
 Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

2-Nitrophenol



Response = 1.320e-001 * Amt - 1.768e-002
 Coef of Det (r^2) = 0.997680 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP102925.M
 Calibration Table Last Updated: Thu Oct 30 11:51:34 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026028.D
Acq On : 29 Oct 2025 09:26
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Oct 29 18:07:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

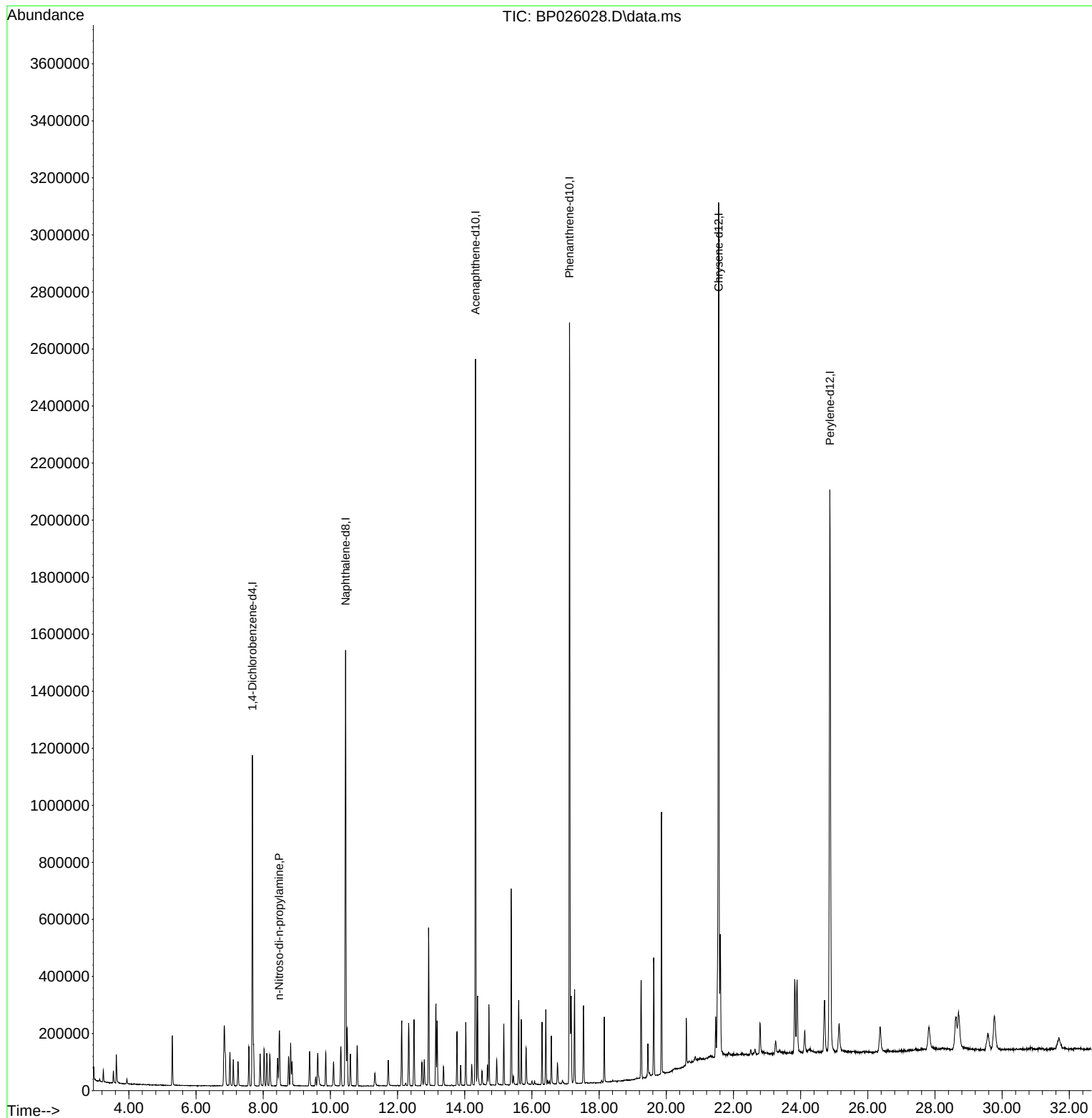
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	314539	20.000	ng	-0.01
21) Naphthalene-d8	10.454	136	1282158	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	817769	20.000	ng	0.00
64) Phenanthrene-d10	17.118	188	1645754	20.000	ng	0.00
76) Chrysene-d12	21.559	240	1828965	20.000	ng	0.00
86) Perylene-d12	24.871	264	1886321	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.472	70	31253	2.075	ng	Qvalue 96

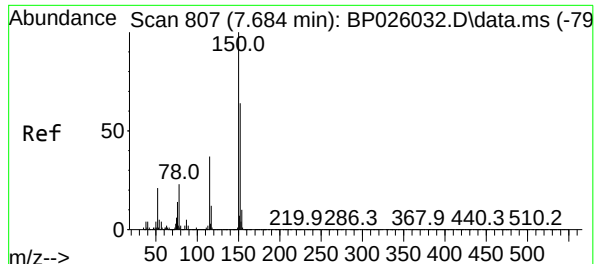
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026028.D
Acq On : 29 Oct 2025 09:26
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Oct 29 18:07:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.678 min Scan# 80

Delta R.T. -0.012 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

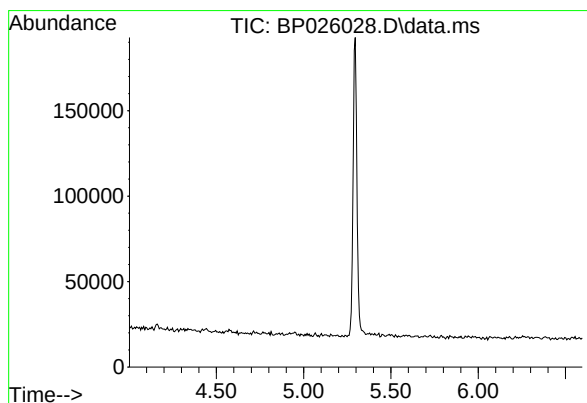
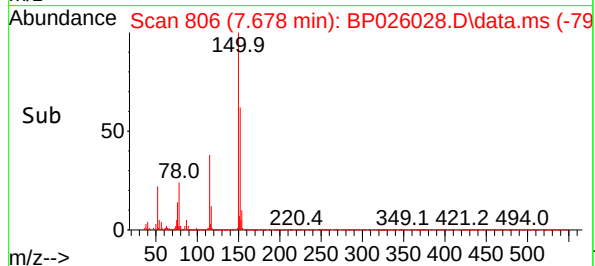
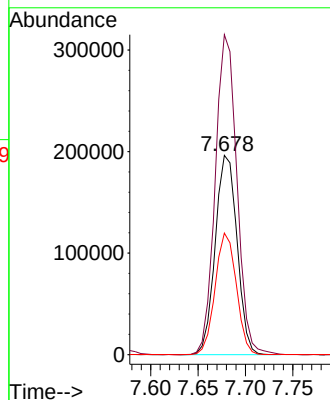
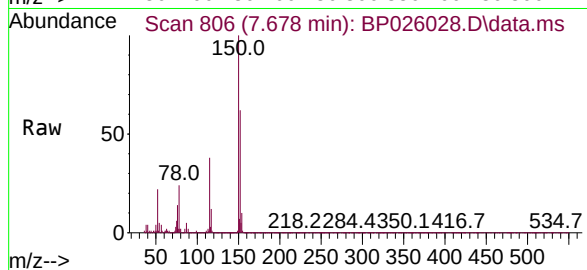
Tgt Ion:152 Resp: 314539

Ion Ratio Lower Upper

152 100

150 160.6 125.7 188.5

115 61.0 46.4 69.6



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.30 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

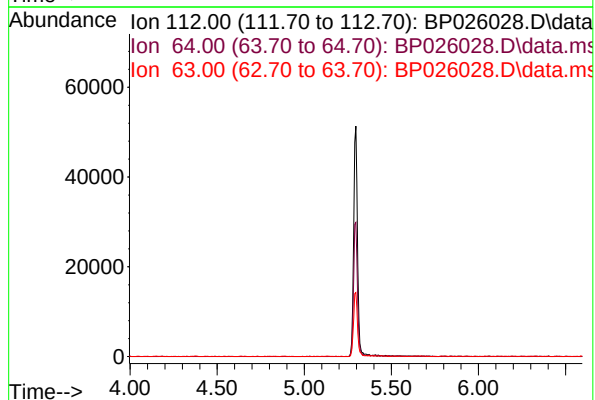
Tgt Ion: 112

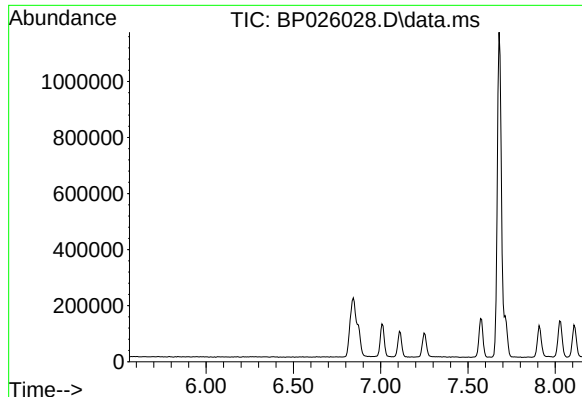
Sig Exp Ratio

112 100

64 59.3

63 30.3





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.85 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

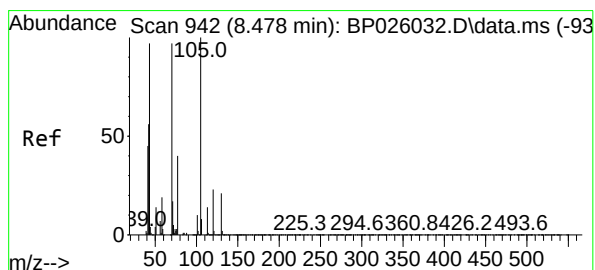
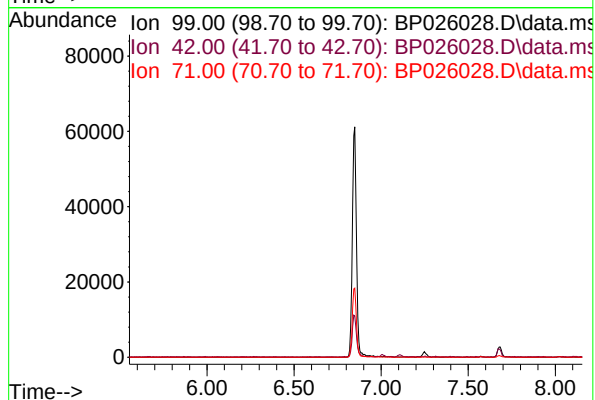
Tgt Ion: 99

Sig Exp Ratio

99 100

42 17.1

71 30.5



#19

n-Nitroso-di-n-propylamine

Concen: 2.075 ng

RT: 8.472 min Scan# 941

Delta R.T. -0.018 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

Tgt Ion: 70 Resp: 31253

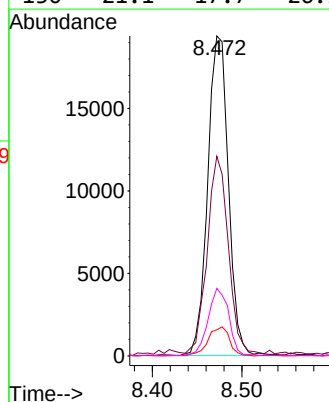
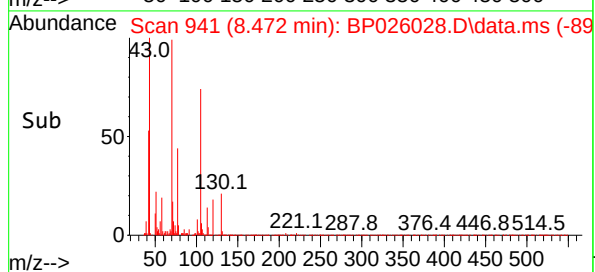
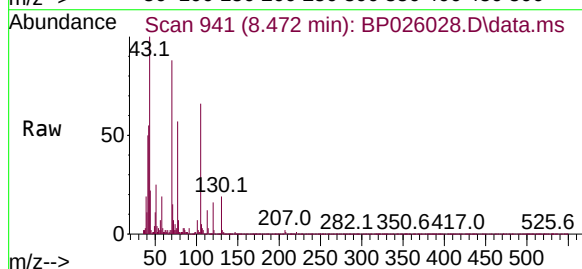
Ion Ratio Lower Upper

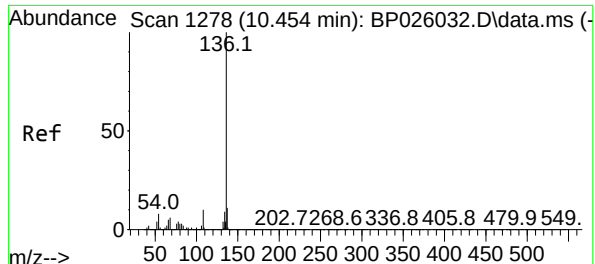
70 100

42 62.4 47.2 70.8

101 8.2 8.2 12.2

130 21.1 17.7 26.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.454 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 1282158

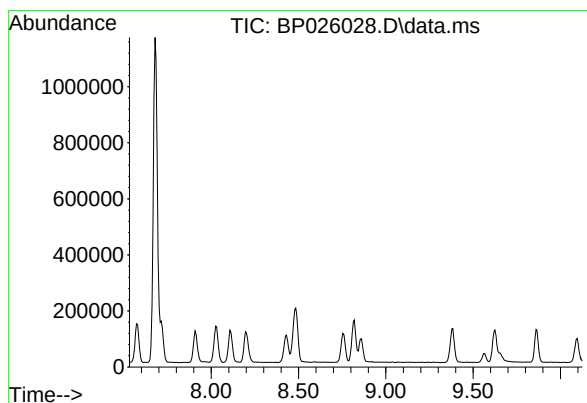
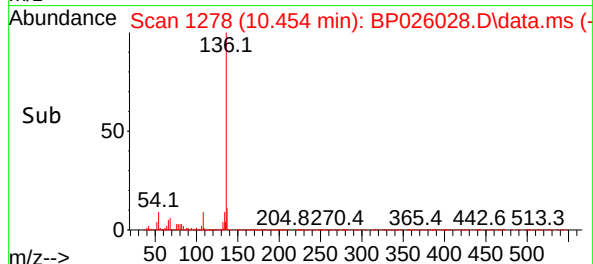
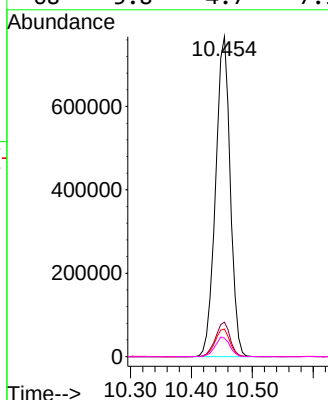
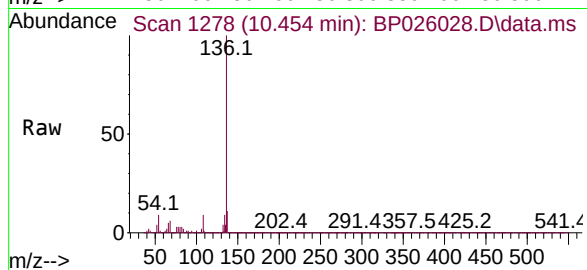
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.7 6.6 10.0

68 5.8 4.7 7.1



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.82 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

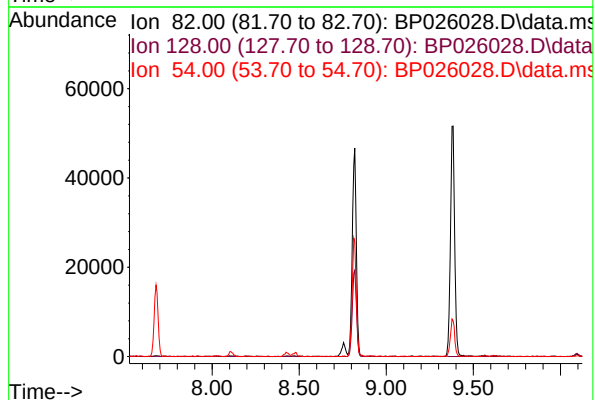
Tgt Ion: 82

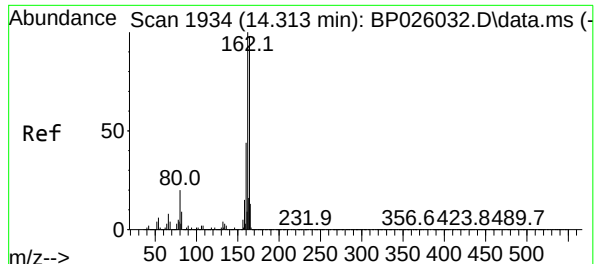
Sig Exp Ratio

82 100

128 46.7

54 53.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 19

Delta R.T. -0.000 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

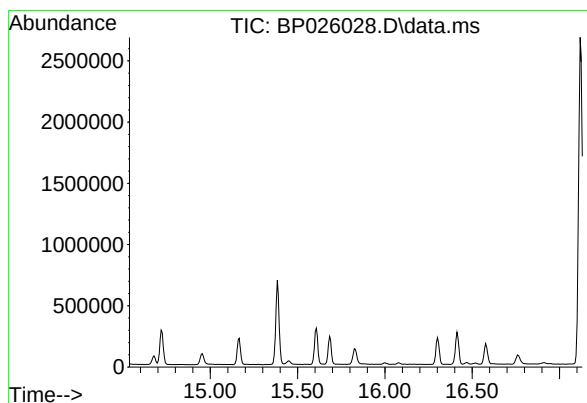
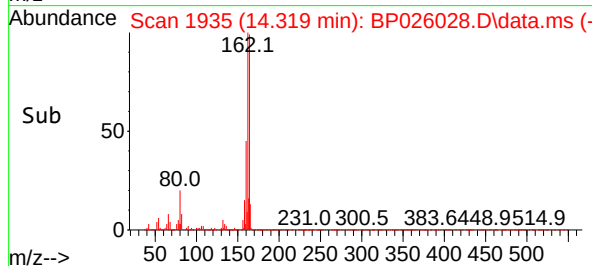
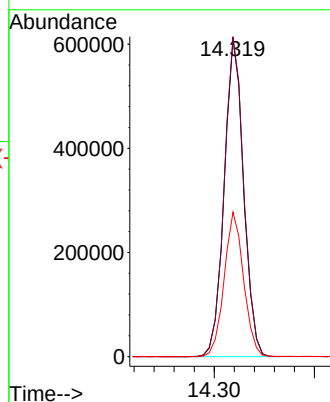
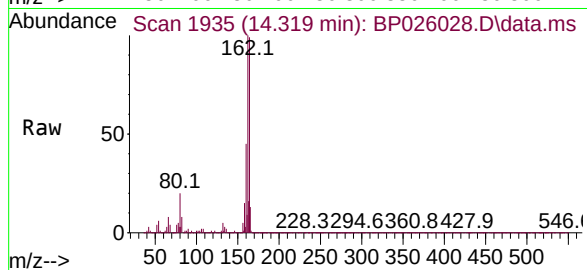
Tgt Ion:164 Resp: 817769

Ion Ratio Lower Upper

164 100

162 100.8 81.5 122.3

160 45.5 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.83 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

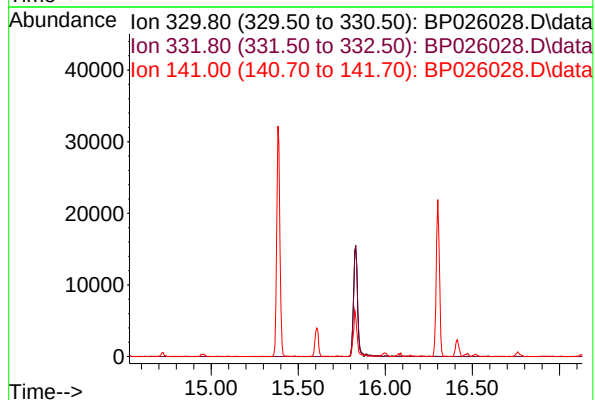
Tgt Ion: 330

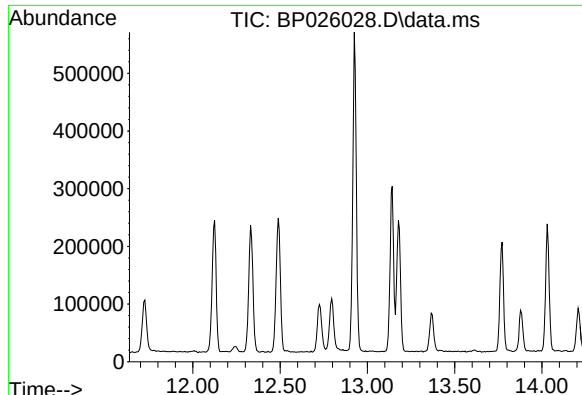
Sig Exp Ratio

330 100

332 96.6

141 35.7

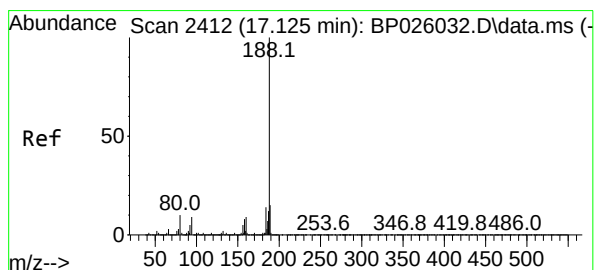
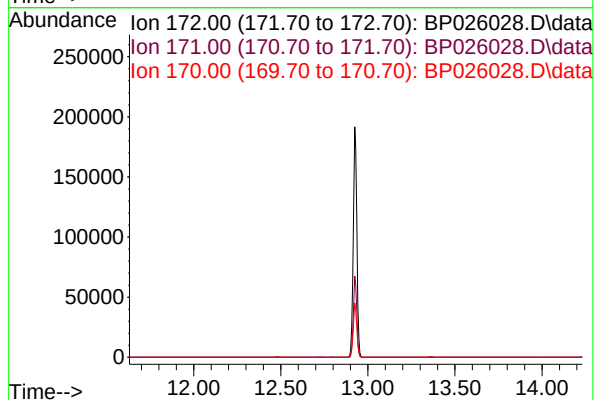




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.93 min
Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

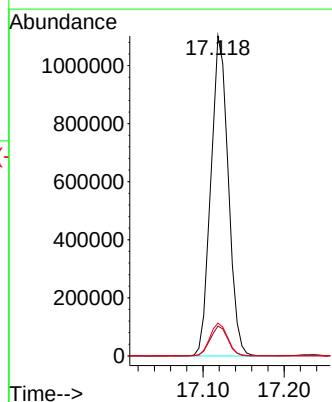
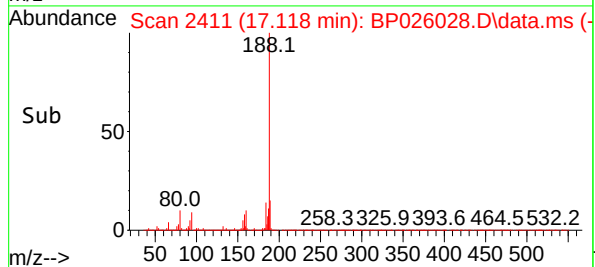
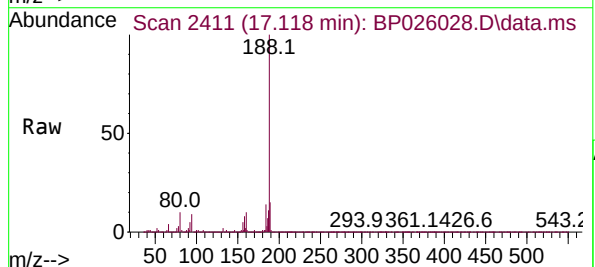
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

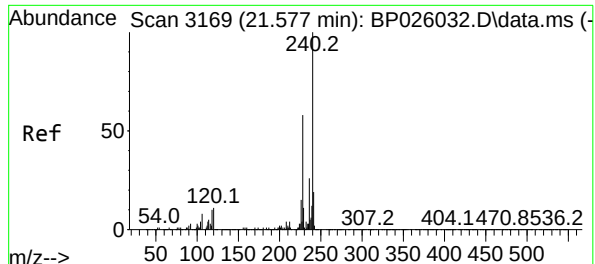
Tgt Ion: 172
Sig Exp Ratio
172 100
171 34.9
170 23.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.118 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP026028.D
Acq: 29 Oct 2025 09:26

Tgt Ion: 188 Resp: 1645754
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 10.2 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.559 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

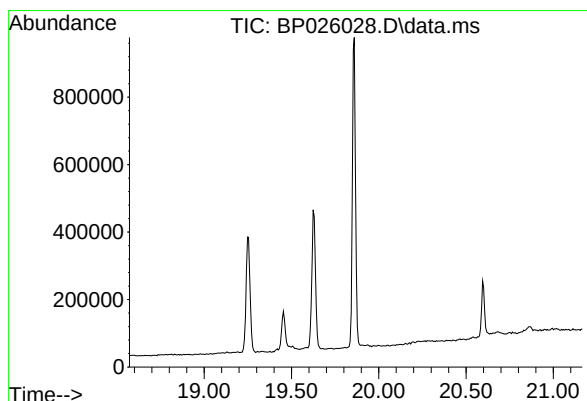
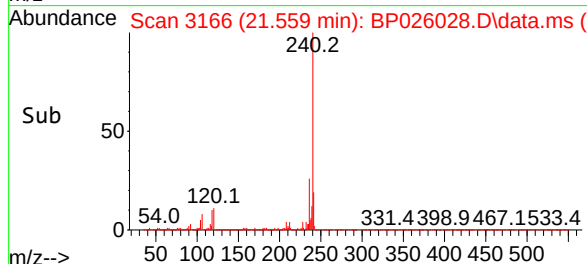
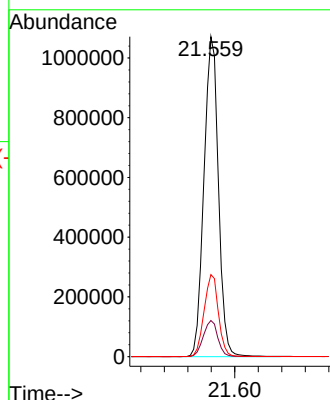
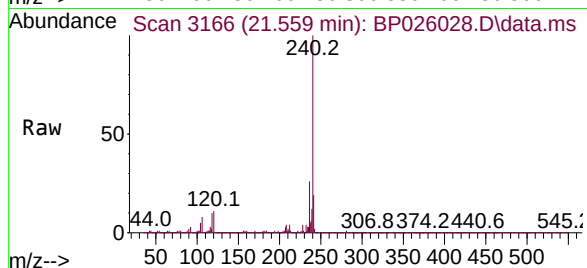
Tgt Ion:240 Resp: 1828965

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 25.6 20.6 31.0



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 19.87 min

Lab File: BP026028.D

Acq: 29 Oct 2025 09:26

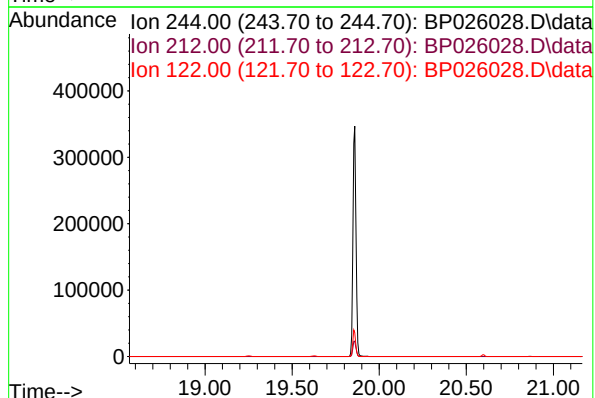
Tgt Ion: 244

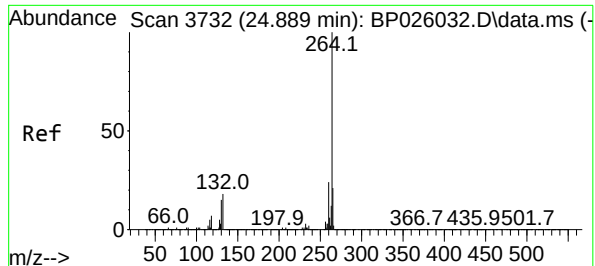
Sig Exp Ratio

244 100

212 7.5

122 11.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.871 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP026028.D

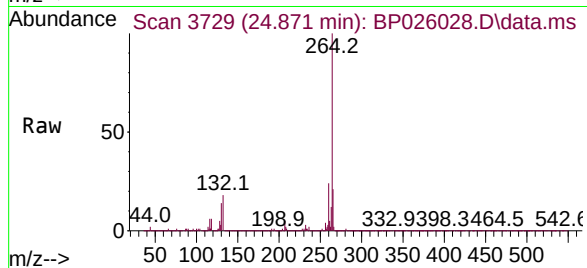
Acq: 29 Oct 2025 09:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



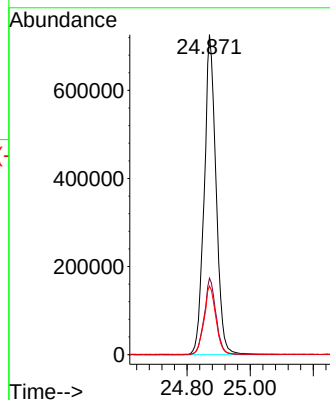
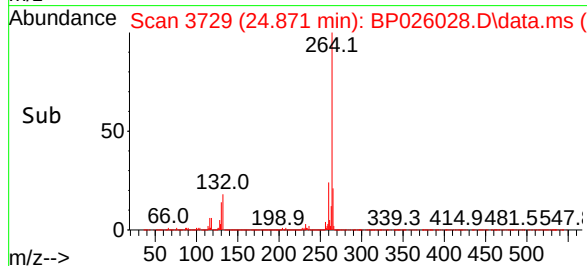
Tgt Ion:264 Resp: 1886321

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.4 17.2 25.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026029.D
 Acq On : 29 Oct 2025 10:07
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Quant Time: Oct 29 18:07:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	341461	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1420199	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	925892	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	1817309	20.000	ng	0.00
76) Chrysene-d12	21.572	240	2025692	20.000	ng	0.00
86) Perylene-d12	24.860	264	2104784	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	180174	8.707	ng	0.00
7) Phenol-d6	6.849	99	233297	8.858	ng	0.00
23) Nitrobenzene-d5	8.819	82	182124	7.994	ng	0.00
42) 2,4,6-Tribromophenol	15.837	330	71861	7.179	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	624927	9.698	ng	0.00
79) Terphenyl-d14	19.866	244	964860	9.677	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.237	88	40256	4.615	ng	98
3) Pyridine	3.626	79	113576	4.580	ng	99
6) Aniline	7.014	93	161620	4.598	ng	99
8) 2-Chlorophenol	7.255	128	95293	4.159	ng	95
10) Phenol	6.872	94	131630	4.502	ng	98
11) bis(2-Chloroethyl)ether	7.108	93	108520	4.703	ng	98
12) 1,3-Dichlorobenzene	7.578	146	125141	4.755	ng	98
13) 1,4-Dichlorobenzene	7.719	146	127251	4.783	ng	98
14) 1,2-Dichlorobenzene	8.025	146	120561	4.748	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	168852	4.841	ng	99
17) 2-Methylphenol	8.108	107	81751	4.270	ng	99
18) Hexachloroethane	8.749	117	41029	4.506	ng	98
19) n-Nitroso-di-n-propyla...	8.472	70	76340	4.669	ng	98
22) Acetophenone	8.484	105	170727	4.753	ng	# 98
24) Nitrobenzene	8.861	77	100098	4.161	ng	95
25) Isophorone	9.378	82	215193	4.413	ng	98
26) 2-Nitrophenol	9.566	139	24644	5.305	ng	98
27) 2,4-Dimethylphenol	9.625	122	86372	4.212	ng	98
28) bis(2-Chloroethoxy)met...	9.866	93	144278	4.695	ng	100
29) 2,4-Dichlorophenol	10.090	162	85429	3.946	ng	98
30) 1,2,4-Trichlorobenzene	10.313	180	108660	4.617	ng	98
31) Naphthalene	10.502	128	368922	4.764	ng	99
33) 4-Chloroaniline	10.602	127	132749	4.461	ng	98
34) Hexachlorobutadiene	10.796	225	70220	4.696	ng	99
36) 4-Chloro-3-methylphenol	11.719	107	91199	4.018	ng	99
37) 2-Methylnaphthalene	12.113	142	254416	4.694	ng	99
38) 1-Methylnaphthalene	12.343	142	251883	4.783	ng	97
40) 1,2,4,5-Tetrachloroben...	12.484	216	132759	4.615	ng	99
43) 2,4,6-Trichlorophenol	12.731	196	59158	3.479	ng	99
44) 2,4,5-Trichlorophenol	12.796	196	71602	3.690	ng	97
46) 1,1'-Biphenyl	13.137	154	336536	4.747	ng	99
47) 2-Chloronaphthalene	13.178	162	261657	4.691	ng	97
48) 2-Nitroaniline	13.372	65	38315	5.289	ng	96
49) Acenaphthylene	14.031	152	358129	4.405	ng	100
50) Dimethylphthalate	13.772	163	296661	4.405	ng	100
51) 2,6-Dinitrotoluene	13.878	165	32784	5.334	ng	89

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026029.D
 Acq On : 29 Oct 2025 10:07
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

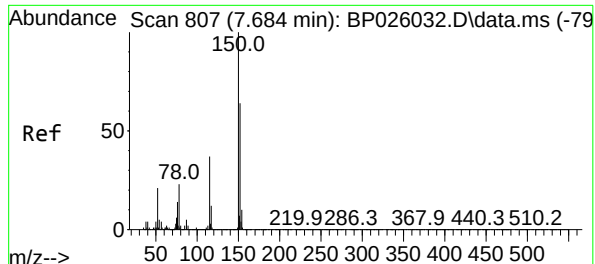
Quant Time: Oct 29 18:07:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.384	154	254758	4.564	ng	97
53) 3-Nitroaniline	14.201	138	40998	5.191	ng	# 90
55) Dibenzofuran	14.725	168	399319	4.735	ng	99
57) 2,4-Dinitrotoluene	14.672	165	45113	5.098	ng	98
58) Fluorene	15.384	166	311704	4.718	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.948	232	51676	3.387	ng	96
60) Diethylphthalate	15.166	149	287071	4.240	ng	98
61) 4-Chlorophenyl-phenyle...	15.396	204	161882	4.907	ng	96
62) 4-Nitroaniline	15.390	138	47887	3.327	ng	90
63) Azobenzene	15.690	77	279169	4.550	ng	99
66) n-Nitrosodiphenylamine	15.595	169	260751	4.589	ng	99
67) 4-Bromophenyl-phenylether	16.307	248	93744	4.650	ng	97
68) Hexachlorobenzene	16.419	284	108797	4.741	ng	99
69) Atrazine	16.578	200	80346	4.192	ng	99
71) Phenanthrene	17.172	178	514616	4.865	ng	99
72) Anthracene	17.260	178	483312	4.609	ng	99
73) Carbazole	17.537	167	447699	4.511	ng	99
74) Di-n-butylphthalate	18.154	149	425656	3.833	ng	99
75) Fluoranthene	19.260	202	572045	4.636	ng	98
78) Pyrene	19.631	202	608386	4.441	ng	99
80) Butylbenzylphthalate	20.607	149	118757	5.554	ng	97
81) Benzo(a)anthracene	21.548	228	647742	4.653	ng	99
83) Chrysene	21.613	228	612715	4.647	ng	100
84) Bis(2-ethylhexyl)phtha...	21.525	149	229182	5.327	ng	99
87) Indeno(1,2,3-cd)pyrene	28.630	276	626036	4.030	ng	97
88) Benzo(b)fluoranthene	23.824	252	565252	4.326	ng	98
89) Benzo(k)fluoranthene	23.895	252	588563	4.411	ng	97
90) Benzo(a)pyrene	24.713	252	495105	4.124	ng	99
91) Dibenzo(a,h)anthracene	28.712	278	514485	4.069	ng	97
92) Benzo(g,h,i)perylene	29.748	276	508408	4.178	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

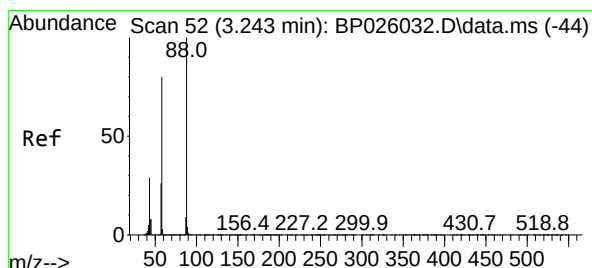
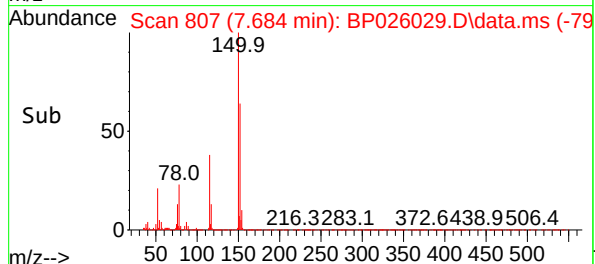
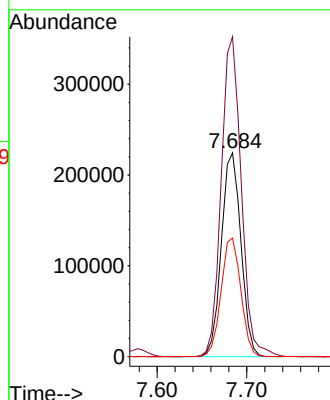
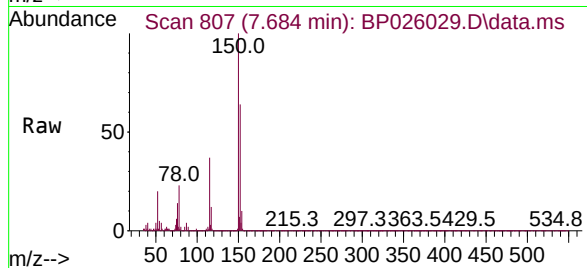
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

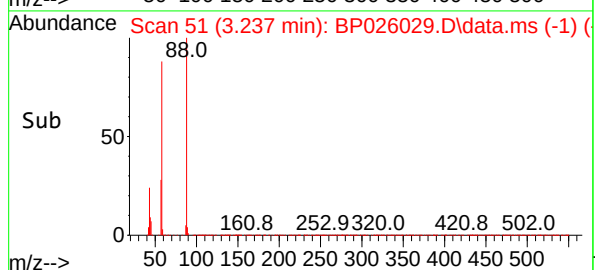
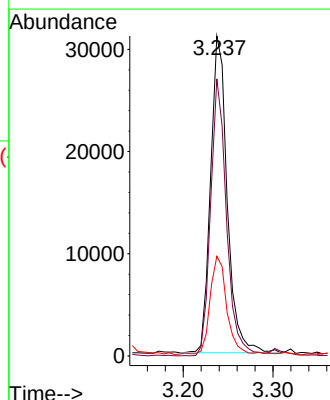
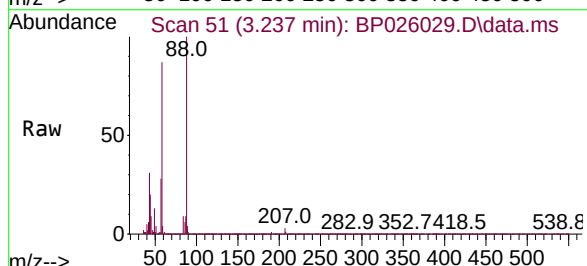
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

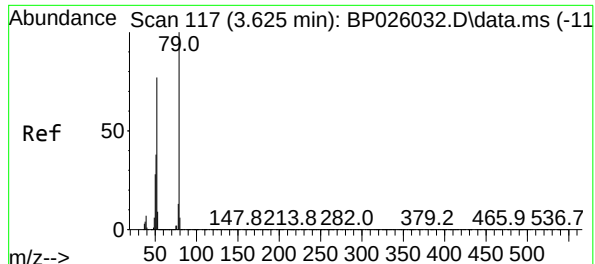
Tgt Ion:152 Resp: 341461
Ion Ratio Lower Upper
152 100
150 157.1 125.7 188.5
115 58.3 46.4 69.6



#2
1,4-Dioxane
Concen: 4.615 ng
RT: 3.237 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 88 Resp: 40256
Ion Ratio Lower Upper
88 100
58 83.2 65.4 98.0
43 31.1 23.1 34.7





#3

Pyridine

Concen: 4.580 ng

RT: 3.626 min Scan# 117

Delta R.T. 0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

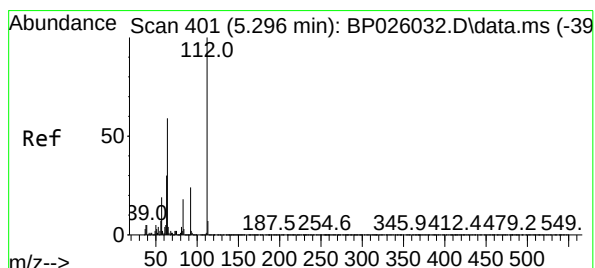
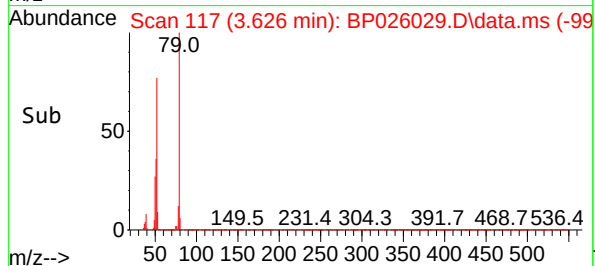
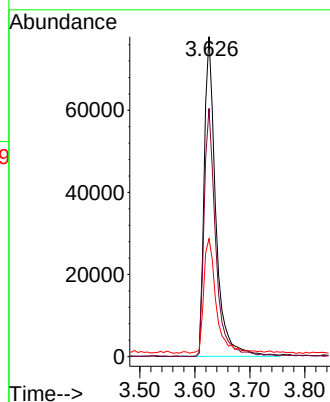
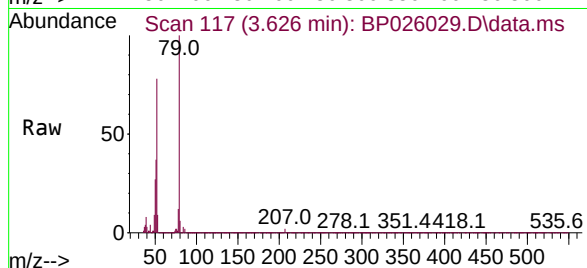
BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 79 Resp: 113576

Ion	Ratio	Lower	Upper
79	100		
52	77.6	62.0	93.0
51	36.8	30.6	46.0



#5

2-Fluorophenol

Concen: 8.707 ng

RT: 5.296 min Scan# 401

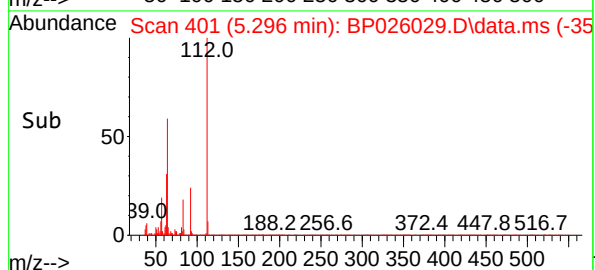
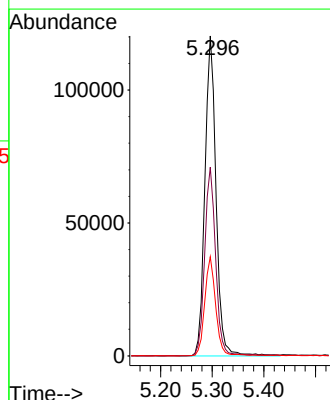
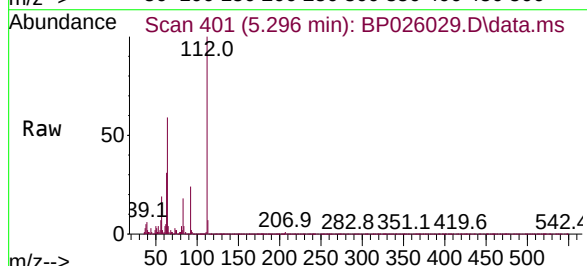
Delta R.T. 0.000 min

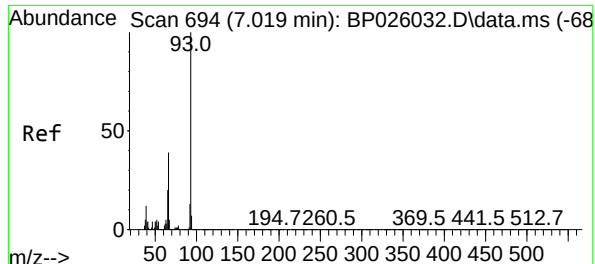
Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Tgt Ion: 112 Resp: 180174

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.4	71.2
63	31.0	24.2	36.4

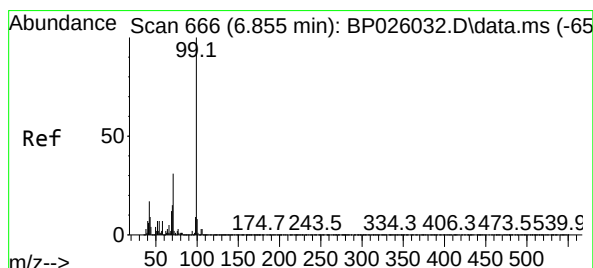
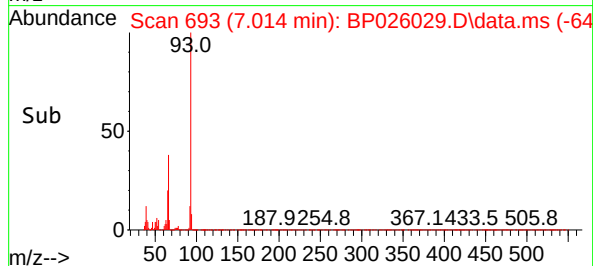
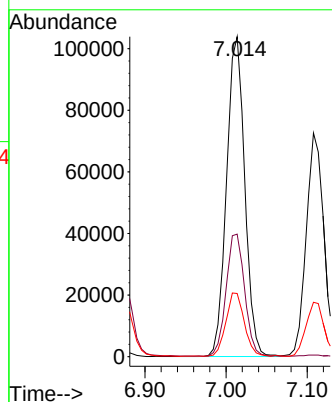
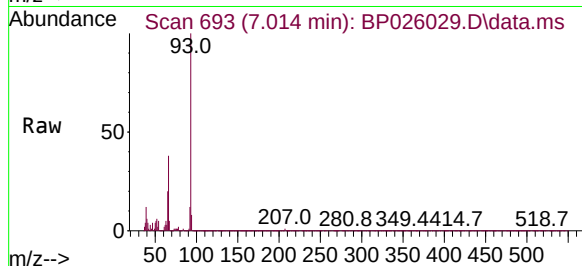




#6
Aniline
Concen: 4.598 ng
RT: 7.014 min Scan# 694
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

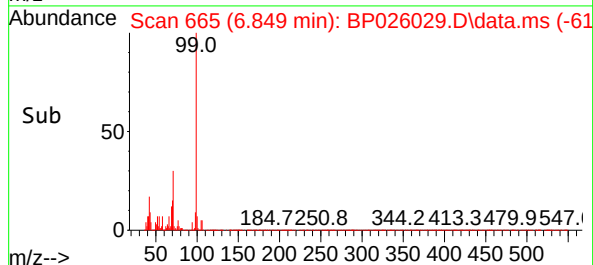
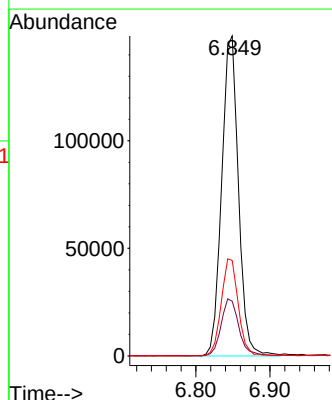
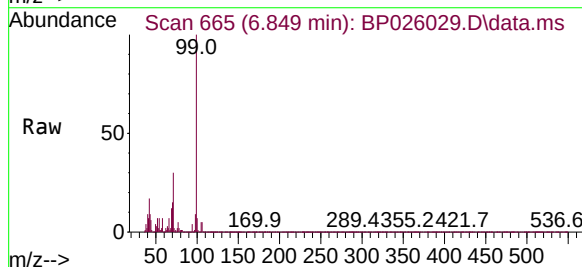
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

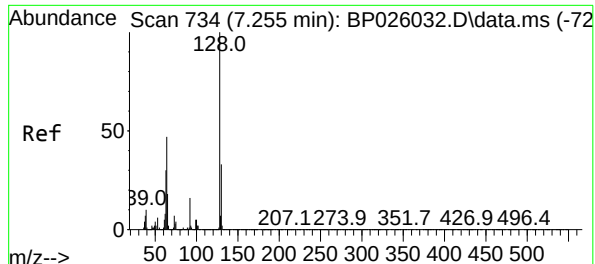
Tgt Ion: 93 Resp: 161620
Ion Ratio Lower Upper
93 100
66 38.3 31.2 46.8
65 19.7 16.1 24.1



#7
Phenol-d6
Concen: 8.858 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 99 Resp: 233297
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 29.8 24.4 36.6

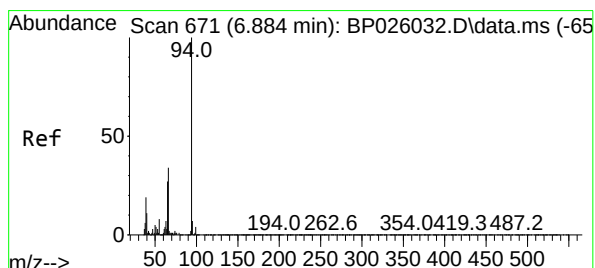
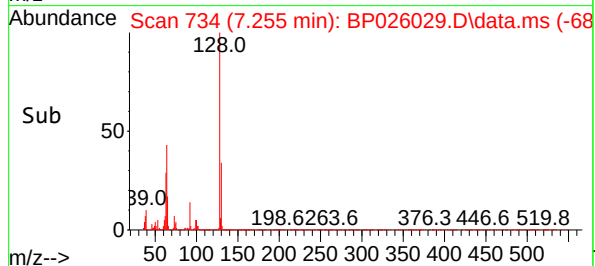
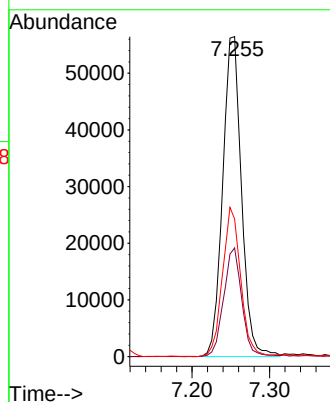
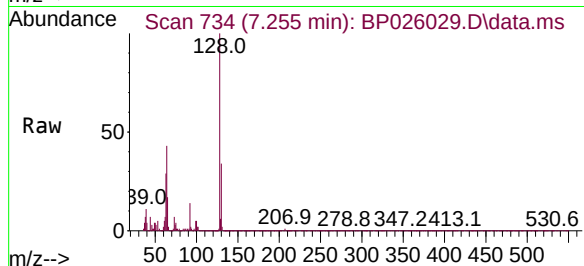




#8
2-Chlorophenol
Concen: 4.159 ng
RT: 7.255 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

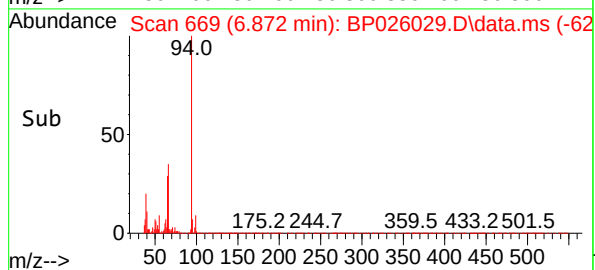
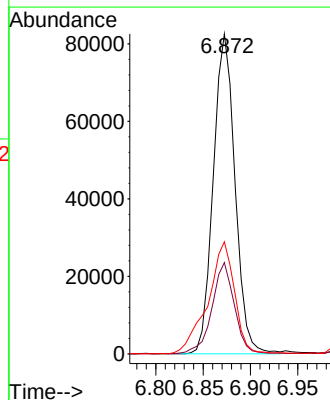
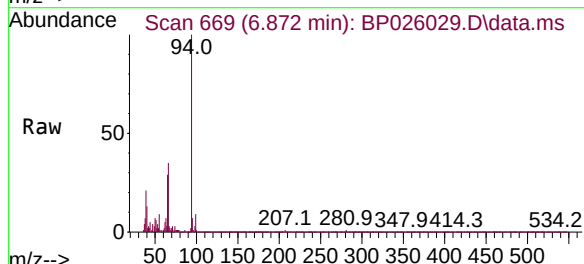
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

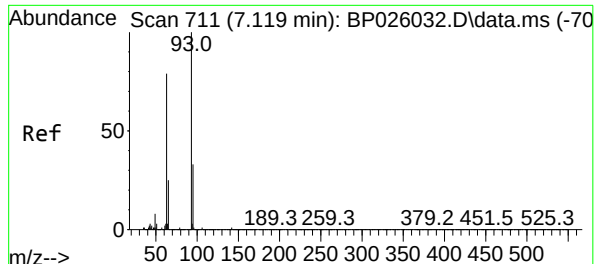
Tgt Ion:128 Resp: 95293
Ion Ratio Lower Upper
128 100
130 34.0 12.7 52.7
64 43.0 27.4 67.4



#10
Phenol
Concen: 4.502 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 94 Resp: 131630
Ion Ratio Lower Upper
94 100
65 28.5 7.1 47.1
66 35.0 14.4 54.4

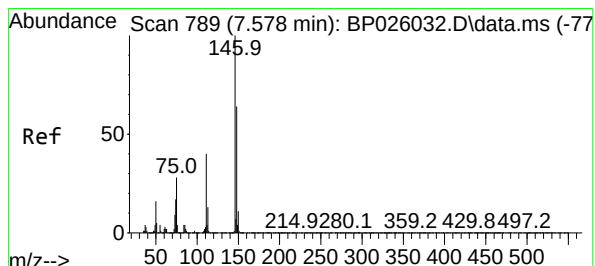
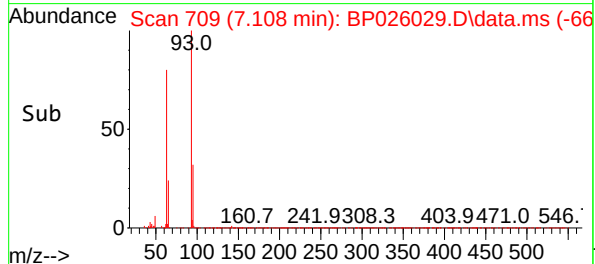
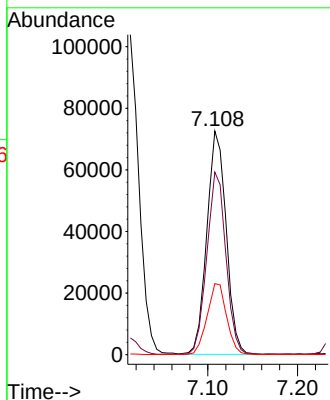
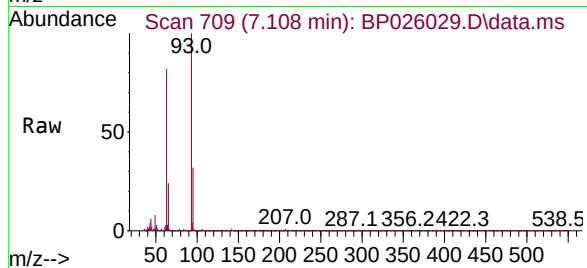




#11
bis(2-Chloroethyl)ether
Concen: 4.703 ng
RT: 7.108 min Scan# 709
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

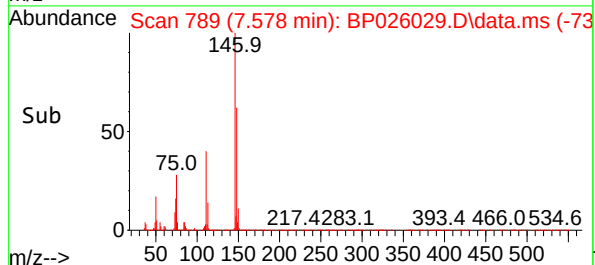
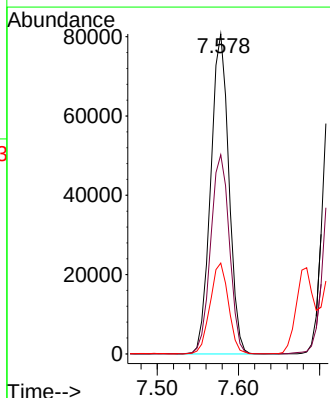
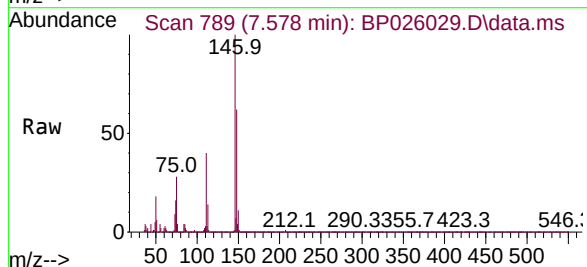
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

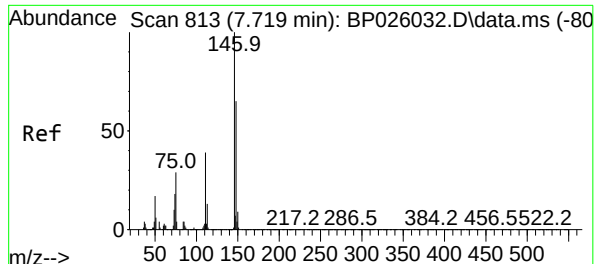
Tgt Ion: 93 Resp: 108520
Ion Ratio Lower Upper
93 100
63 81.6 59.1 99.1
95 31.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 4.755 ng
RT: 7.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 146 Resp: 125141
Ion Ratio Lower Upper
146 100
148 62.2 51.6 77.4
75 28.4 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 4.783 ng

RT: 7.719 min Scan# 813

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

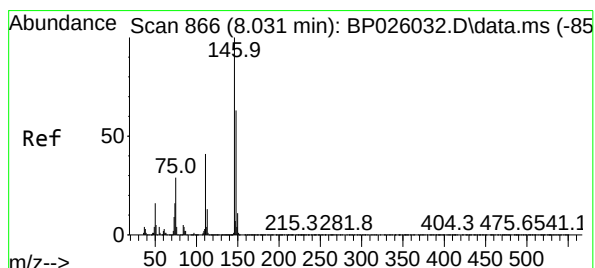
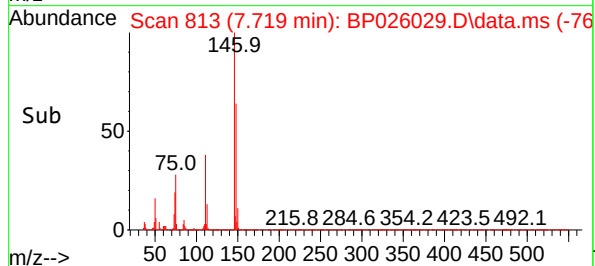
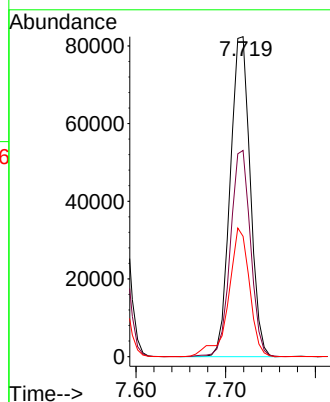
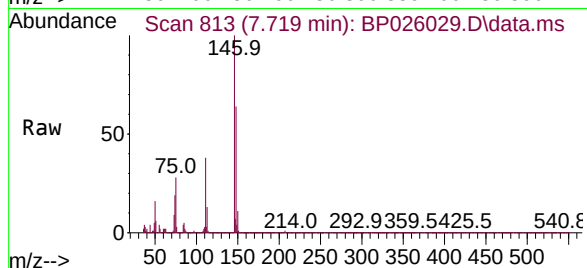
Tgt Ion:146 Resp: 127251

Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

111 37.6 31.3 46.9



#14

1,2-Dichlorobenzene

Concen: 4.748 ng

RT: 8.025 min Scan# 865

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

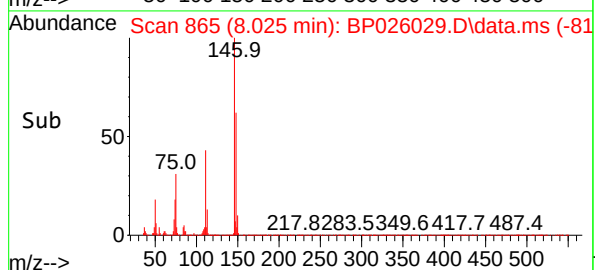
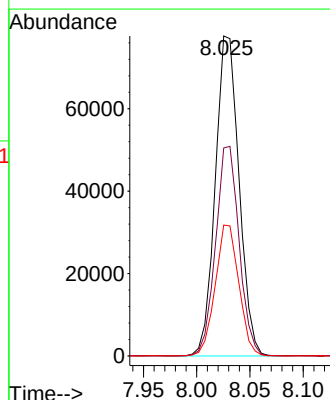
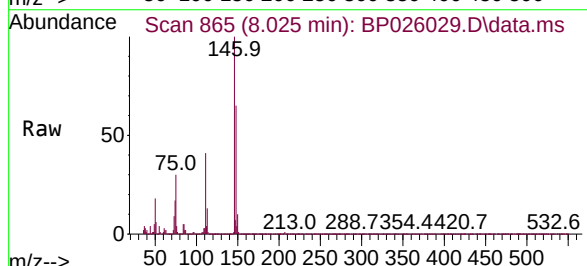
Tgt Ion:146 Resp: 120561

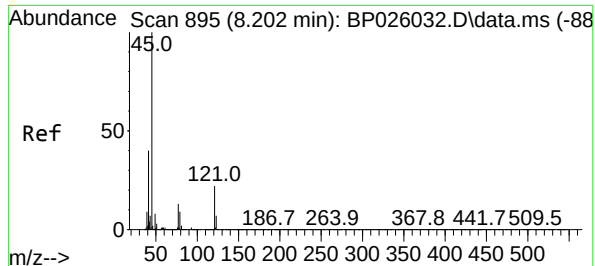
Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

111 40.9 33.0 49.4

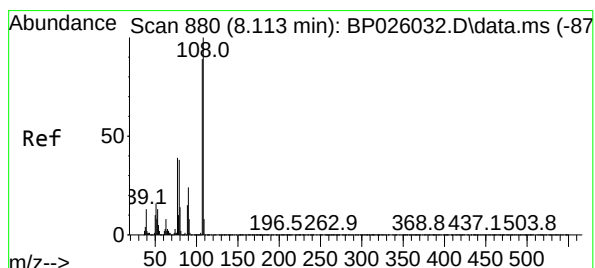
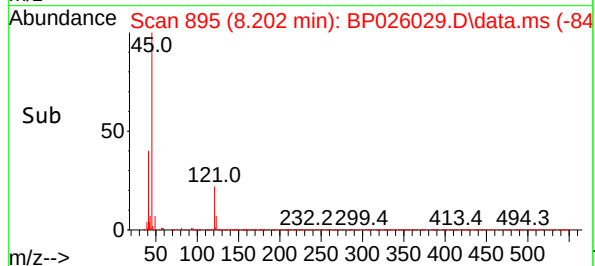
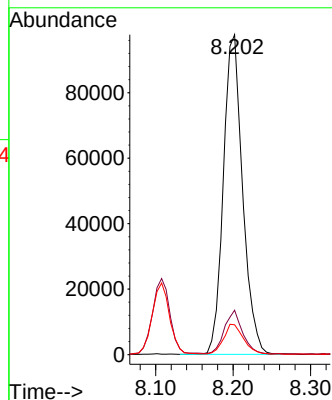
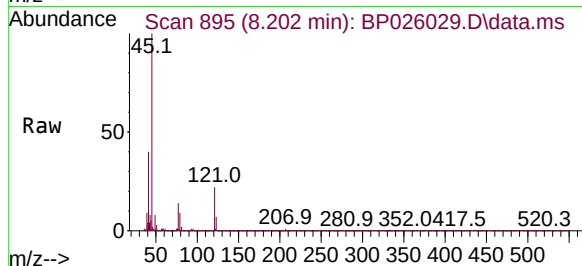




#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.841 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

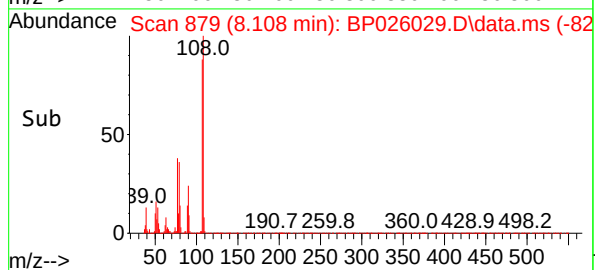
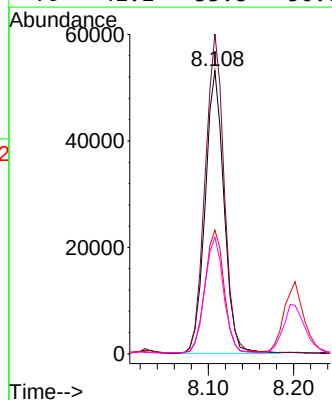
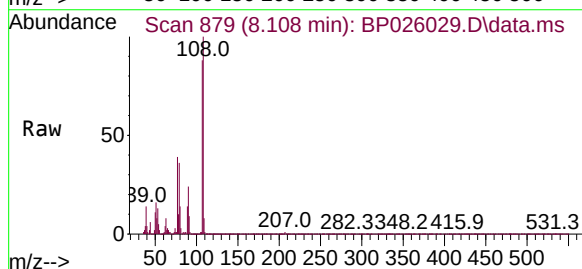
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

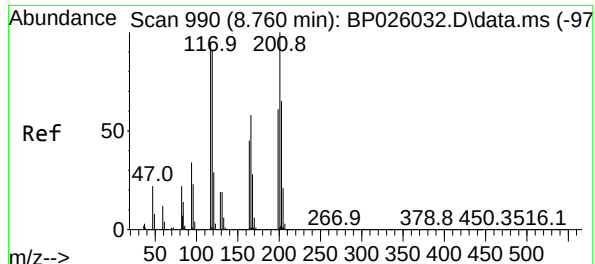
Tgt Ion: 45 Resp: 168852
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.2
79 9.3 0.0 29.5



#17
2-Methylphenol
Concen: 4.270 ng
RT: 8.108 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

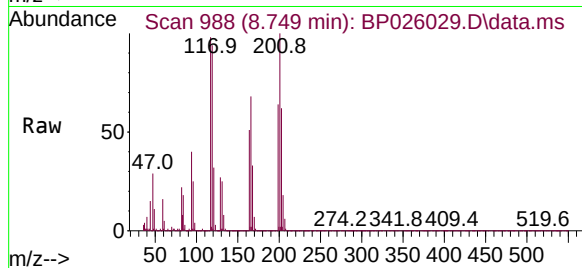
Tgt Ion: 107 Resp: 81751
Ion Ratio Lower Upper
107 100
108 113.0 89.8 134.8
77 43.7 34.8 52.2
79 41.1 33.8 50.6



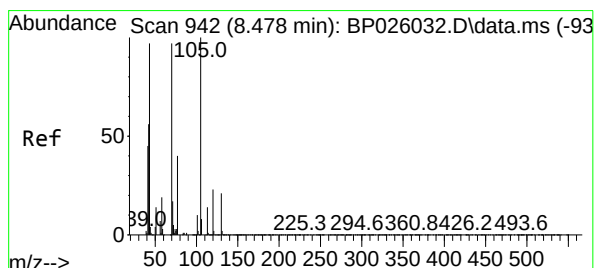
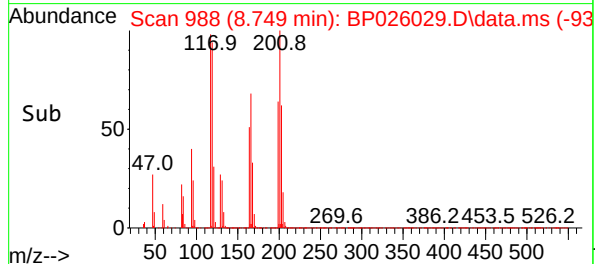
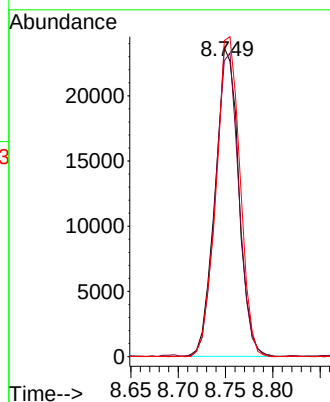


#18
Hexachloroethane
Concen: 4.506 ng
RT: 8.749 min Scan# 988
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

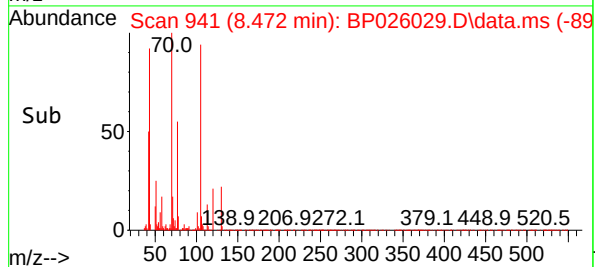
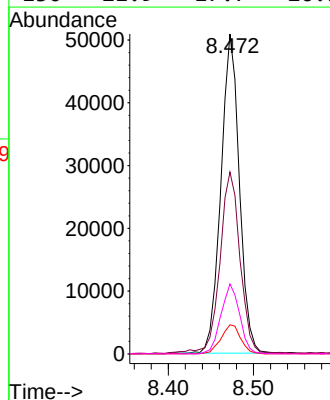
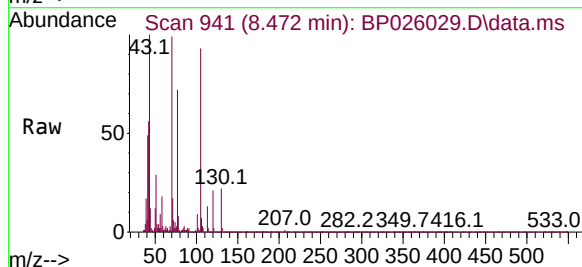


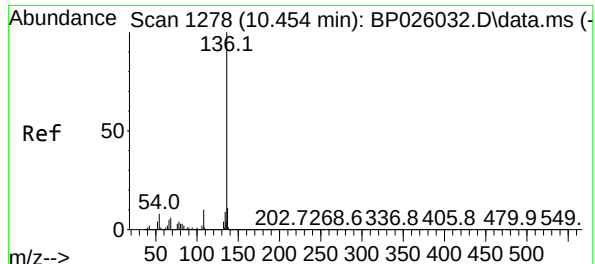
Tgt Ion:117 Resp: 41029
Ion Ratio Lower Upper
117 100
119 95.9 76.5 114.7
201 102.3 84.2 126.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.669 ng
RT: 8.472 min Scan# 941
Delta R.T. -0.017 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 70 Resp: 76340
Ion Ratio Lower Upper
70 100
42 56.8 47.2 70.8
101 9.1 8.2 12.2
130 21.9 17.7 26.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.449 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 1420199

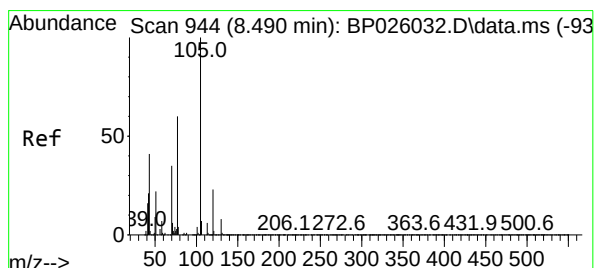
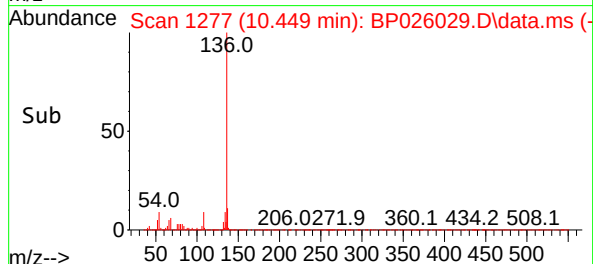
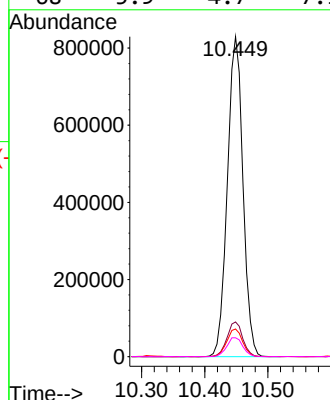
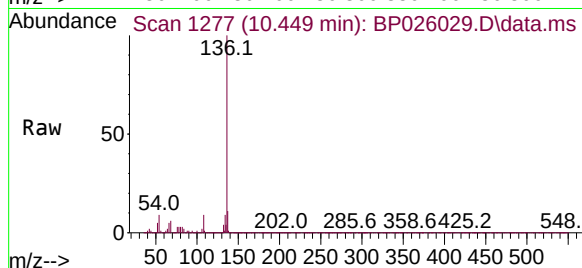
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.6 6.6 10.0

68 5.9 4.7 7.1



#22

Acetophenone

Concen: 4.753 ng

RT: 8.484 min Scan# 943

Delta R.T. -0.011 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Tgt Ion:105 Resp: 170727

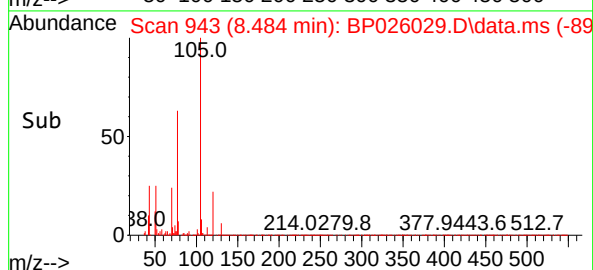
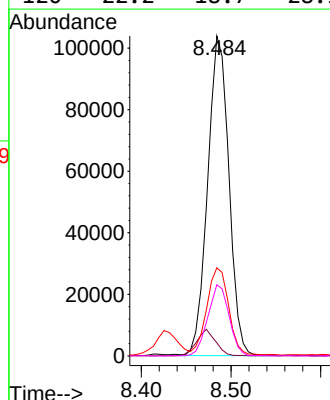
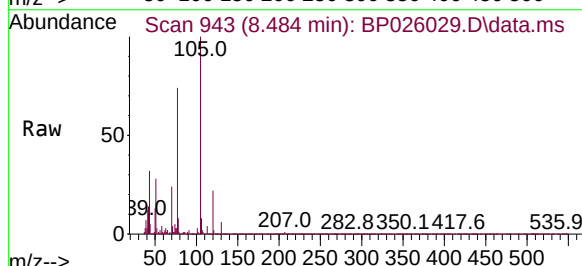
Ion Ratio Lower Upper

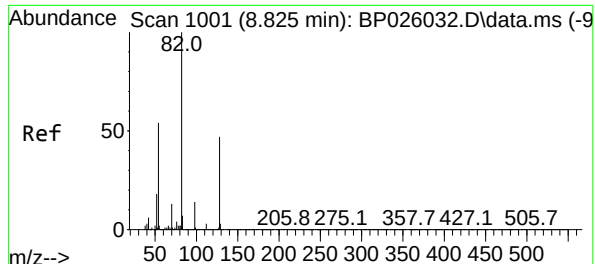
105 100

71 4.1 4.7 7.1#

51 27.5 21.8 32.8

120 22.2 18.7 28.1





#23

Nitrobenzene-d5

Concen: 7.994 ng

RT: 8.819 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

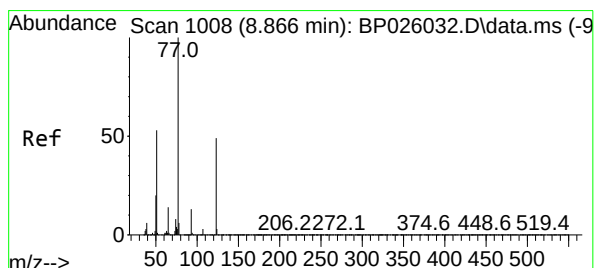
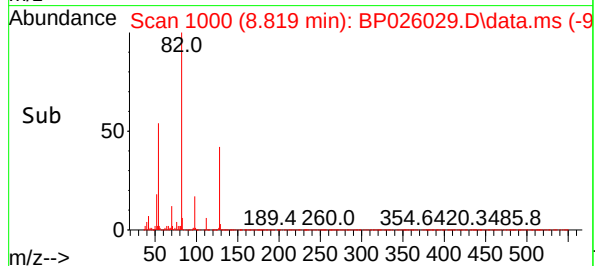
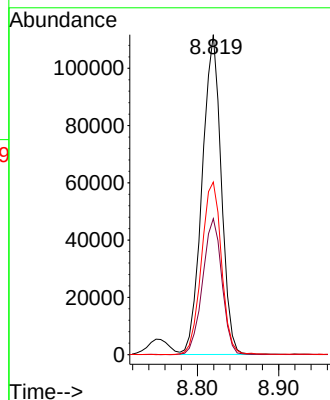
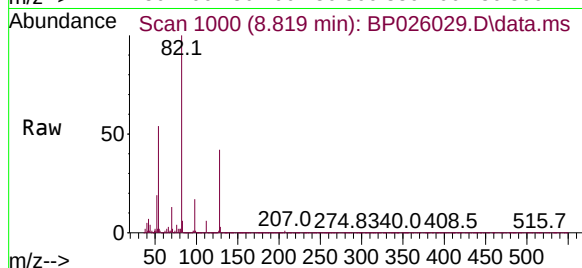
Tgt Ion: 82 Resp: 182124

Ion Ratio Lower Upper

82 100

128 42.5 37.4 56.0

54 53.9 42.7 64.1



#24

Nitrobenzene

Concen: 4.161 ng

RT: 8.861 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

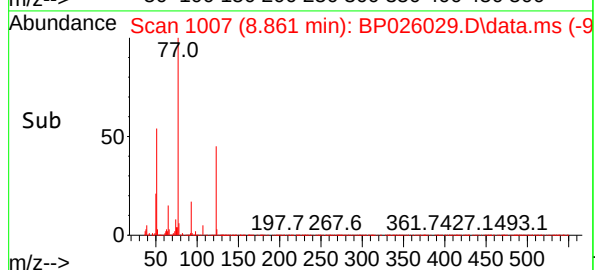
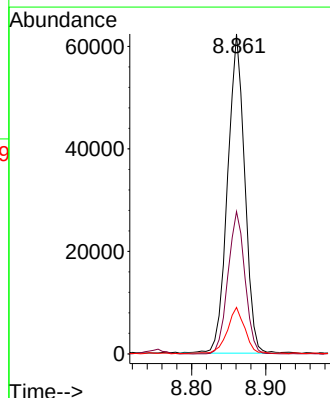
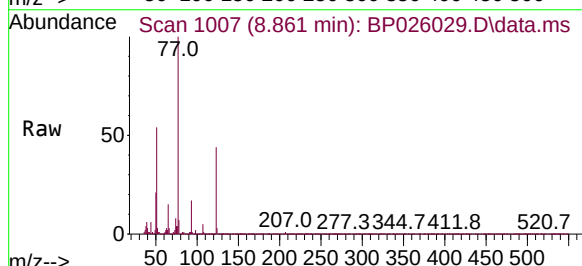
Tgt Ion: 77 Resp: 100098

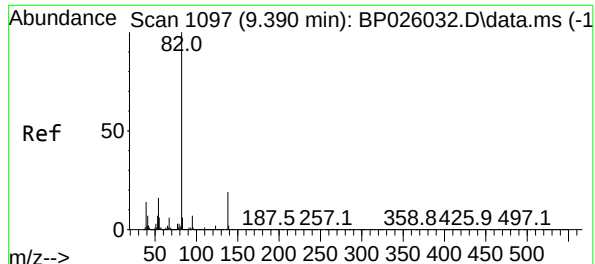
Ion Ratio Lower Upper

77 100

123 44.5 39.0 58.4

65 14.5 10.9 16.3

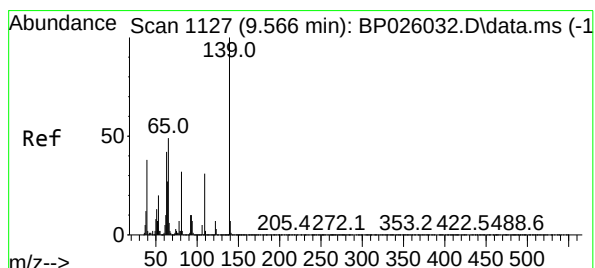
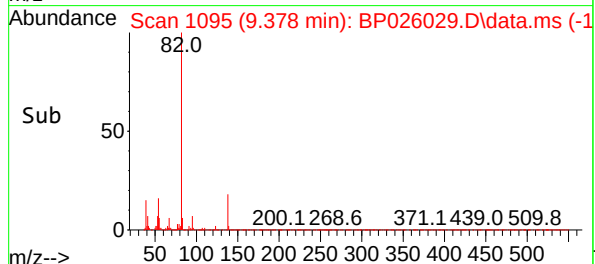
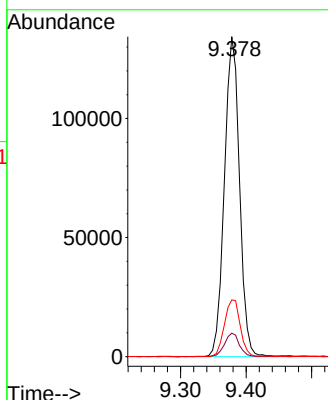
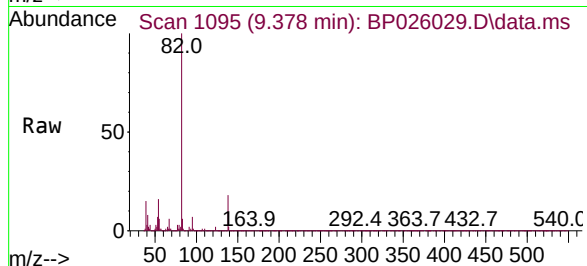




#25
Isophorone
Concen: 4.413 ng
RT: 9.378 min Scan# 1095
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

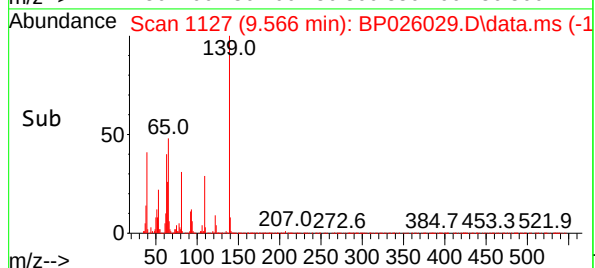
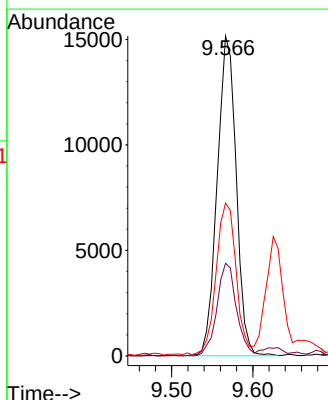
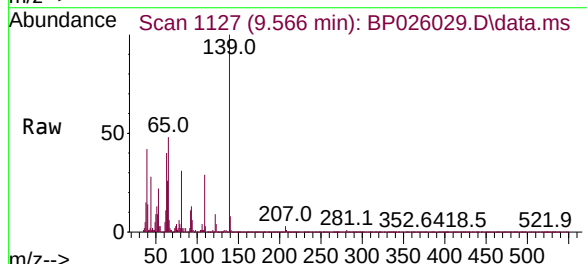
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

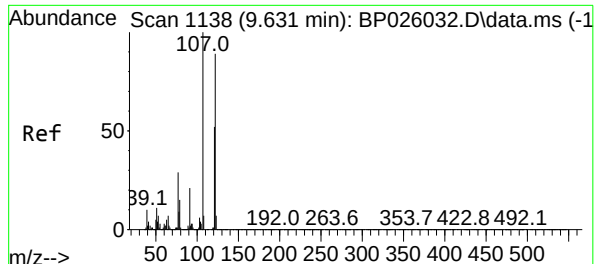
Tgt Ion: 82 Resp: 215193
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 17.8 15.0 22.6



#26
2-Nitrophenol
Concen: 5.305 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion: 139 Resp: 24644
Ion Ratio Lower Upper
139 100
109 28.9 24.8 37.2
65 47.8 39.0 58.4

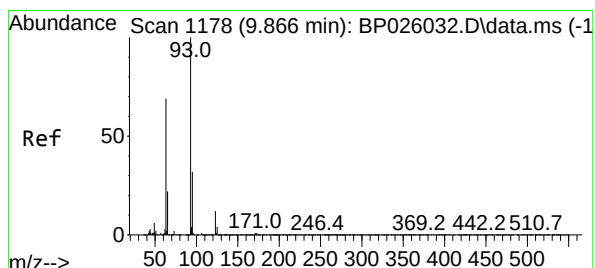
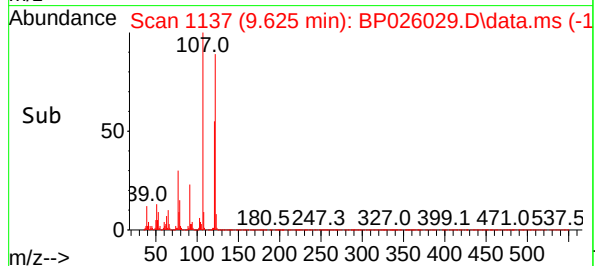
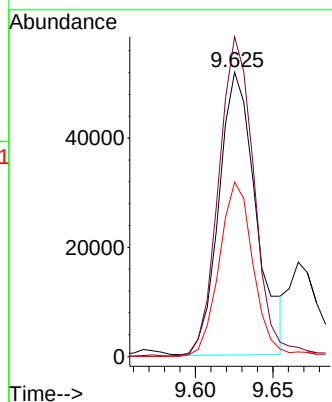
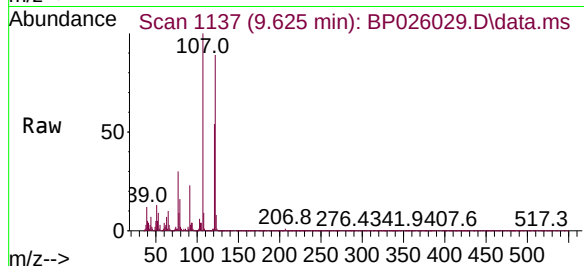




#27
2,4-Dimethylphenol
Concen: 4.212 ng
RT: 9.625 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

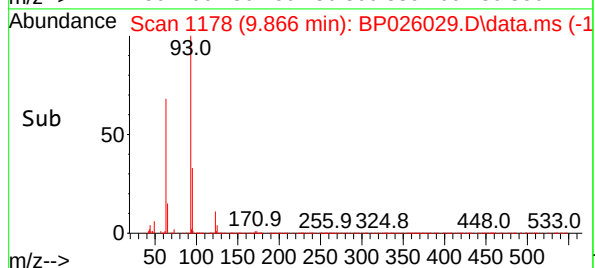
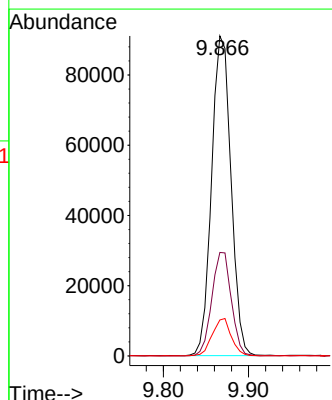
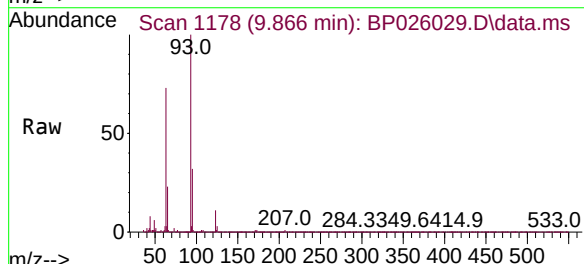
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

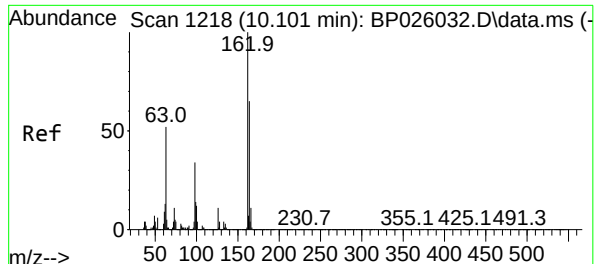
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.5	89.2	133.8
121	61.3	46.3	69.5



#28
bis(2-Chloroethoxy)methane
Concen: 4.695 ng
RT: 9.866 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.6
123	11.2	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 3.946 ng

RT: 10.090 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

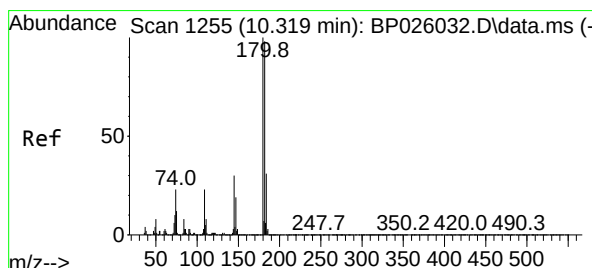
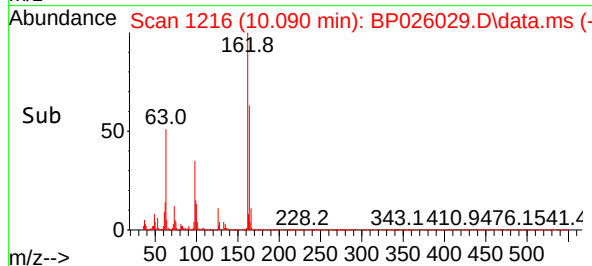
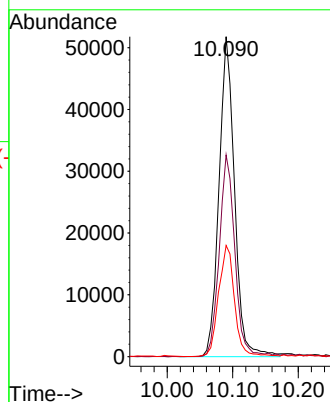
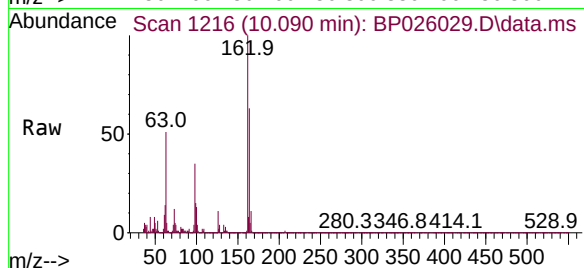
Tgt Ion:162 Resp: 85429

Ion Ratio Lower Upper

162 100

164 63.0 44.6 84.6

98 34.7 14.0 54.0



#30

1,2,4-Trichlorobenzene

Concen: 4.617 ng

RT: 10.313 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

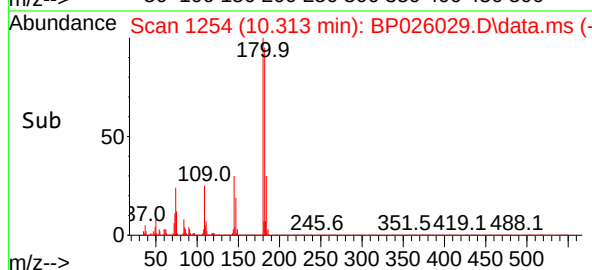
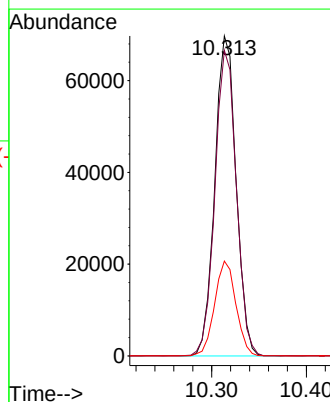
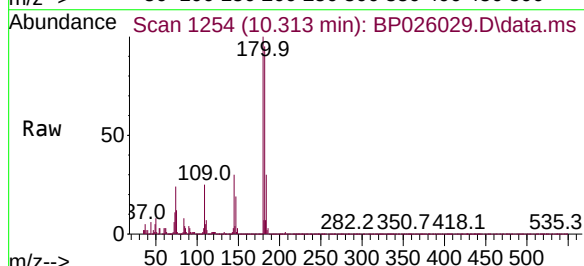
Tgt Ion:180 Resp: 108660

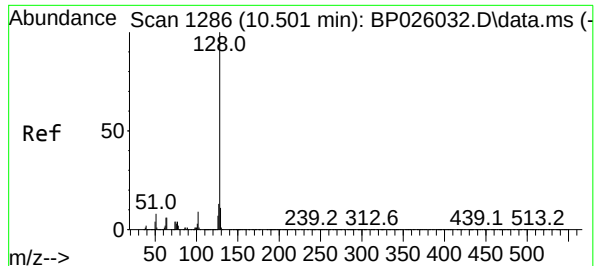
Ion Ratio Lower Upper

180 100

182 95.5 78.6 117.8

145 29.6 24.2 36.4





#31

Naphthalene

Concen: 4.764 ng

RT: 10.502 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

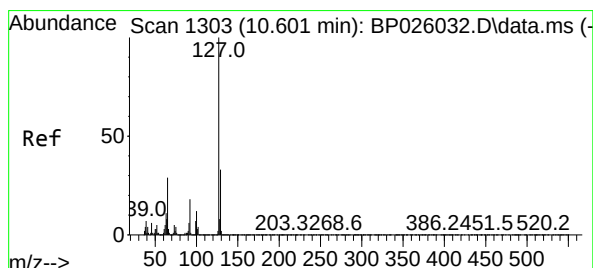
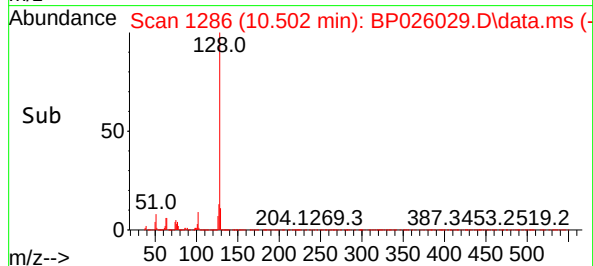
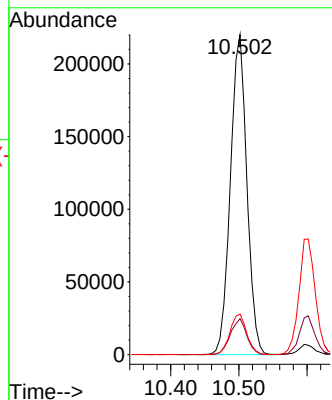
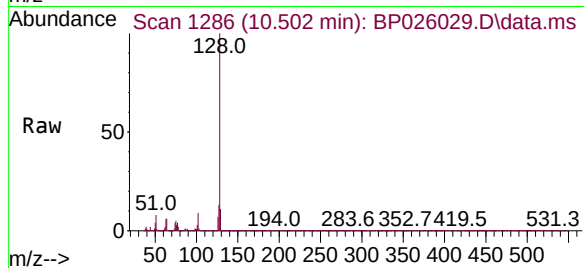
Tgt Ion:128 Resp: 368922

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 12.7 10.5 15.7



#33

4-Chloroaniline

Concen: 4.461 ng

RT: 10.602 min Scan# 1303

Delta R.T. 0.007 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Tgt Ion:127 Resp: 132749

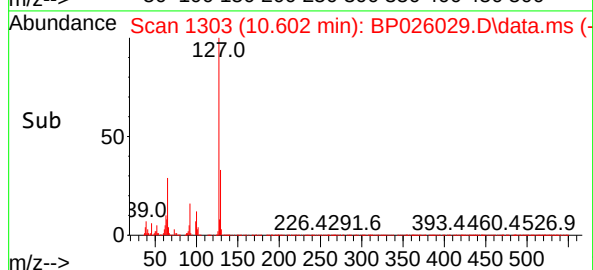
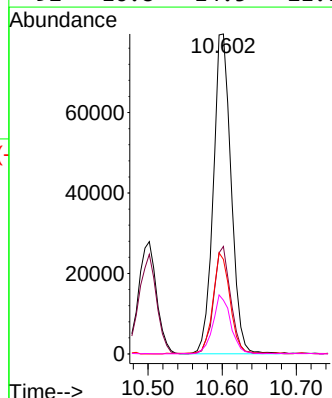
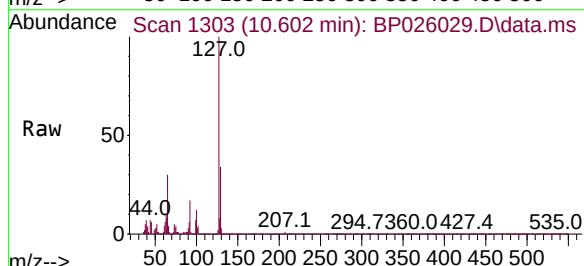
Ion Ratio Lower Upper

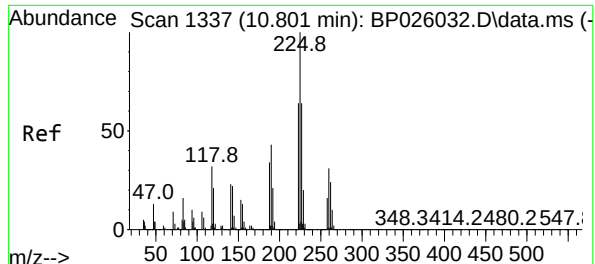
127 100

129 33.6 26.0 39.0

65 29.5 23.2 34.8

92 16.8 14.5 21.7

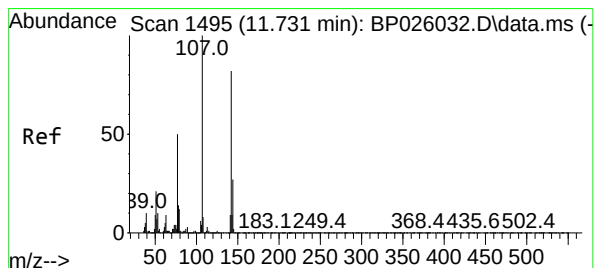
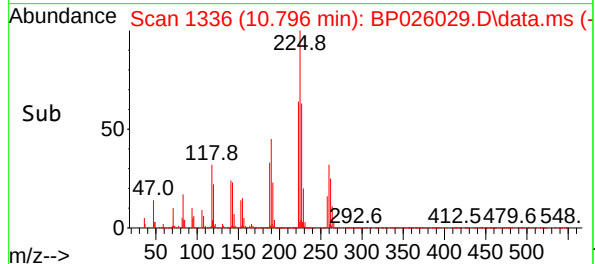
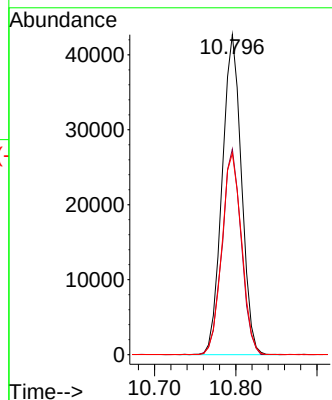
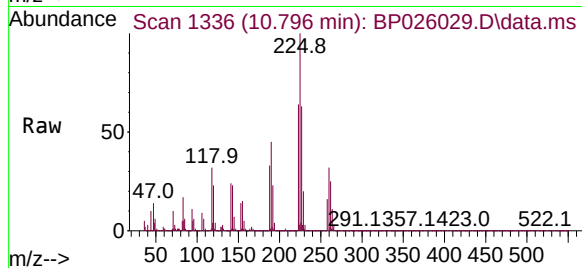




#34
Hexachlorobutadiene
Concen: 4.696 ng
RT: 10.796 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

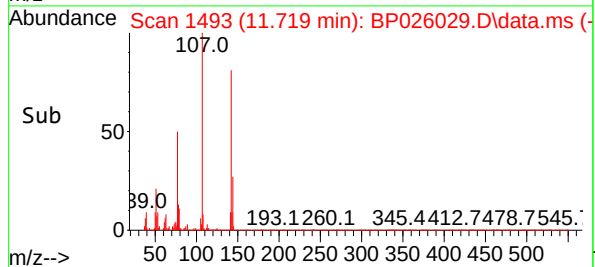
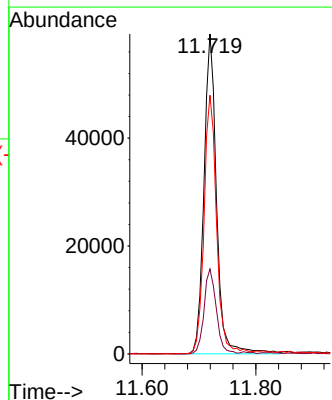
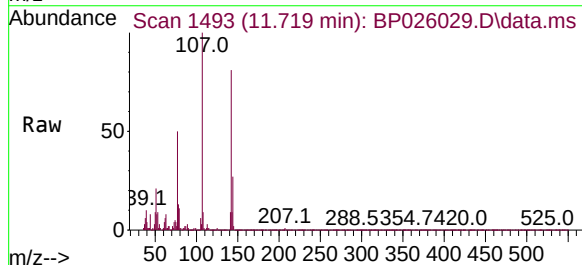
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

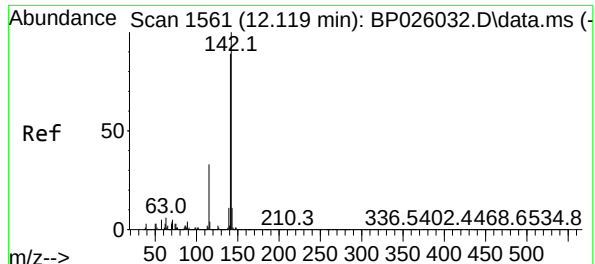
Tgt Ion:225 Resp: 70220
Ion Ratio Lower Upper
225 100
223 64.2 50.9 76.3
227 62.9 51.0 76.4



#36
4-Chloro-3-methylphenol
Concen: 4.018 ng
RT: 11.719 min Scan# 1493
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:107 Resp: 91199
Ion Ratio Lower Upper
107 100
144 26.5 21.3 31.9
142 80.8 65.2 97.8

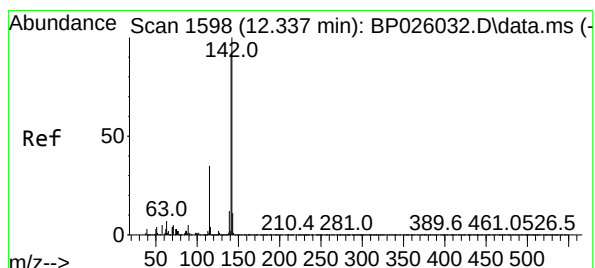
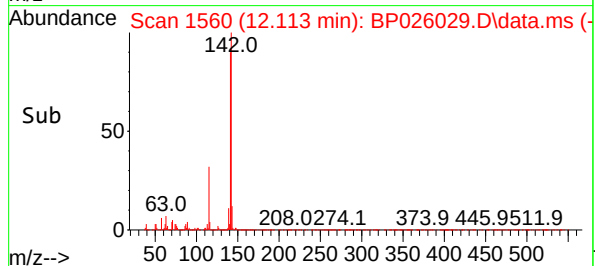
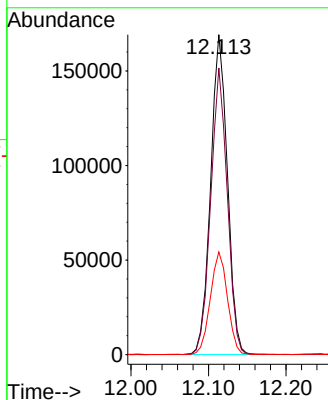
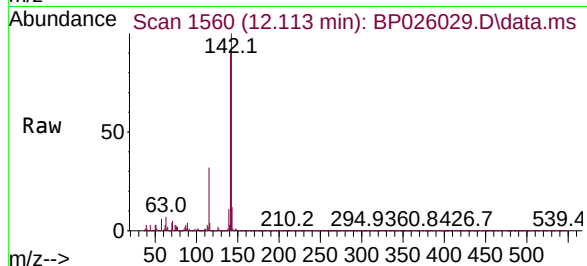




#37
2-Methylnaphthalene
Concen: 4.694 ng
RT: 12.113 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

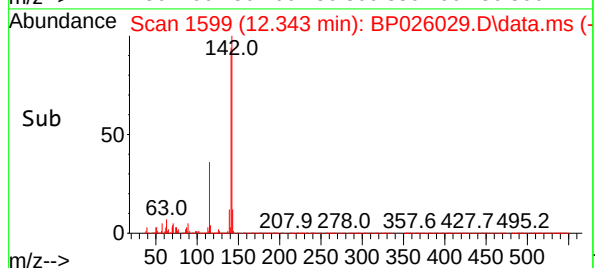
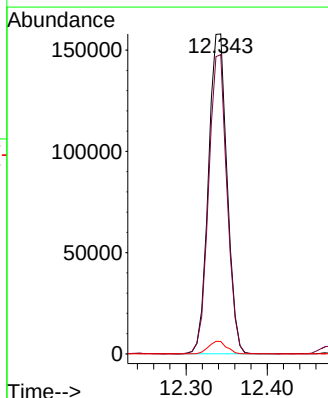
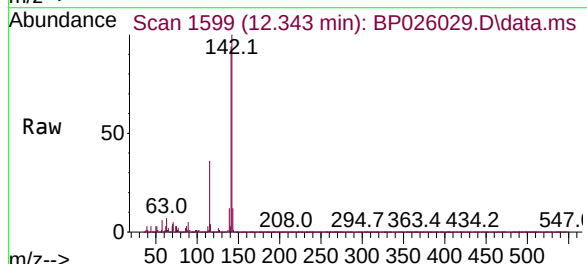
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

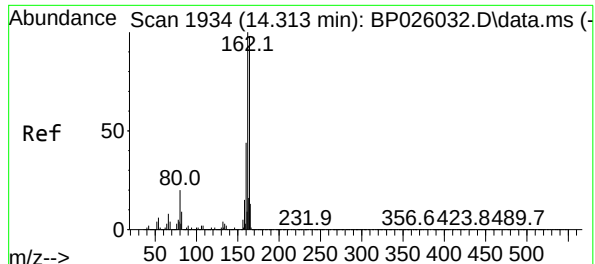
Tgt Ion:142 Resp: 254416
Ion Ratio Lower Upper
142 100
141 89.6 71.6 107.4
115 32.1 26.6 39.8



#38
1-Methylnaphthalene
Concen: 4.783 ng
RT: 12.343 min Scan# 1599
Delta R.T. 0.007 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:142 Resp: 251883
Ion Ratio Lower Upper
142 100
141 93.5 72.7 109.1
116 3.9 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

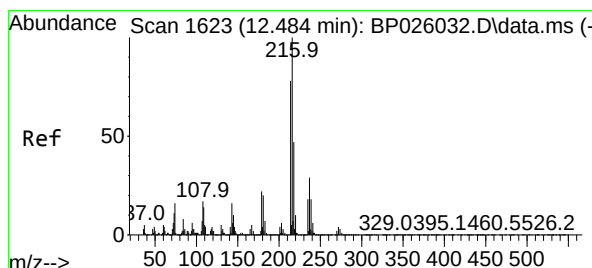
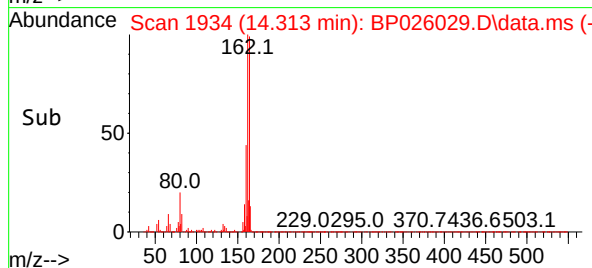
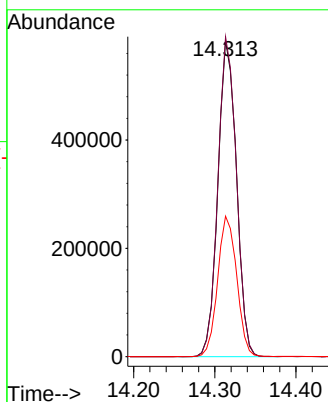
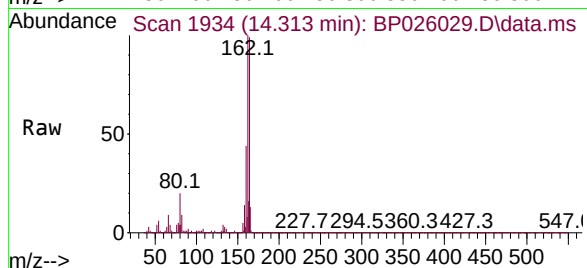
Tgt Ion:164 Resp: 925892

Ion Ratio Lower Upper

164 100

162 101.4 81.5 122.3

160 44.5 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.615 ng

RT: 12.484 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Tgt Ion:216 Resp: 132759

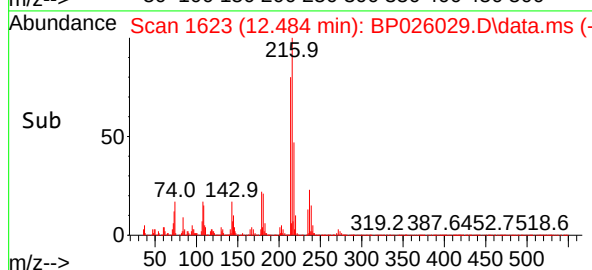
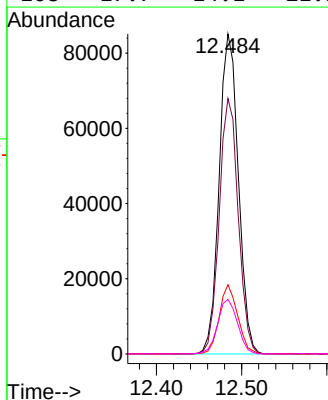
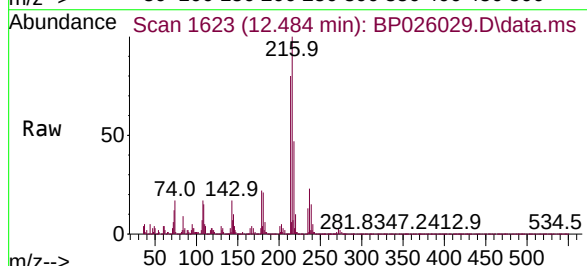
Ion Ratio Lower Upper

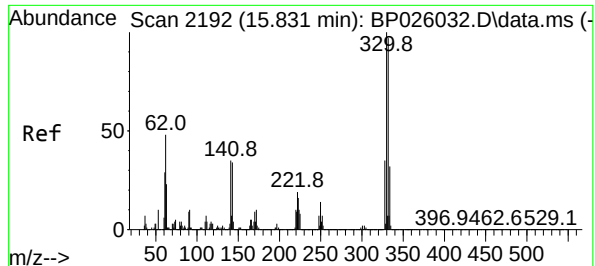
216 100

214 79.1 62.9 94.3

179 20.8 16.9 25.3

108 17.7 14.1 21.1





#42

2,4,6-Tribromophenol

Concen: 7.179 ng

RT: 15.837 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

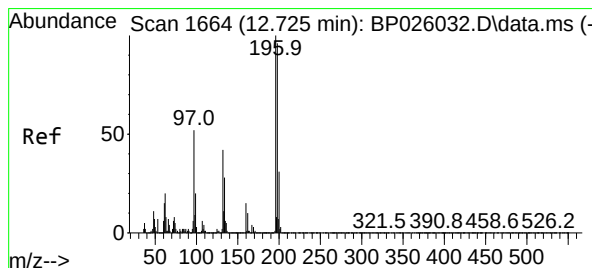
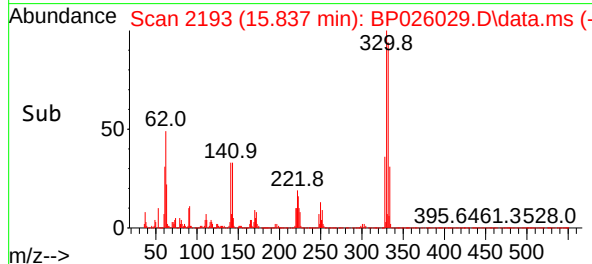
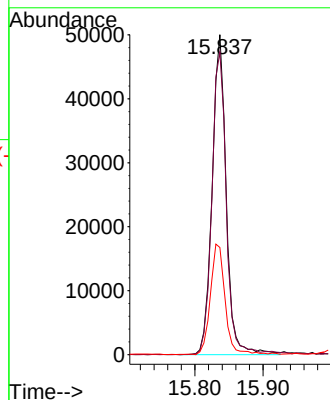
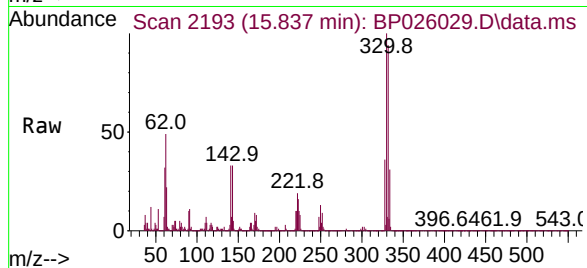
Tgt Ion:330 Resp: 71861

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 35.9 28.6 42.8



#43

2,4,6-Trichlorophenol

Concen: 3.479 ng

RT: 12.731 min Scan# 1665

Delta R.T. 0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

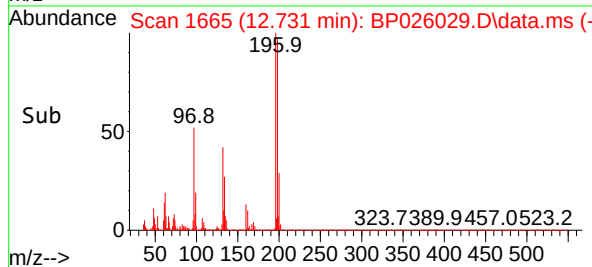
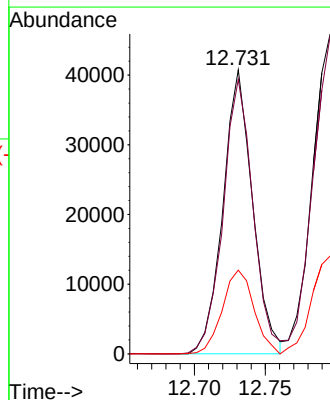
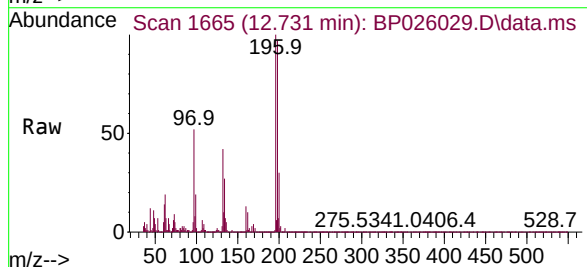
Tgt Ion:196 Resp: 59158

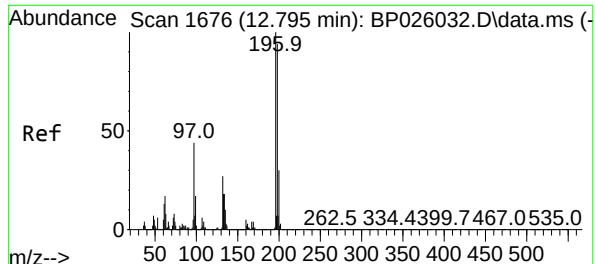
Ion Ratio Lower Upper

196 100

198 96.6 76.5 114.7

200 29.5 24.4 36.6





#44

2,4,5-Trichlorophenol

Concen: 3.690 ng

RT: 12.796 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:196 Resp: 71602

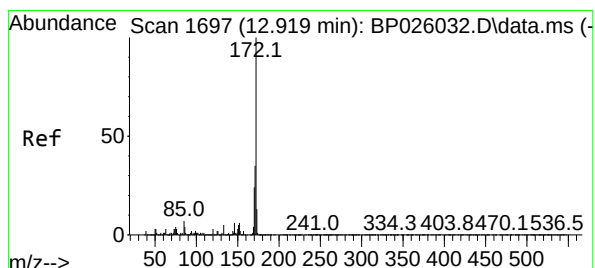
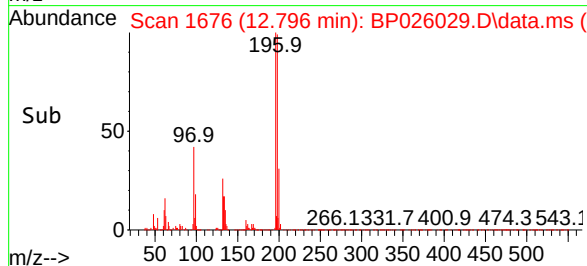
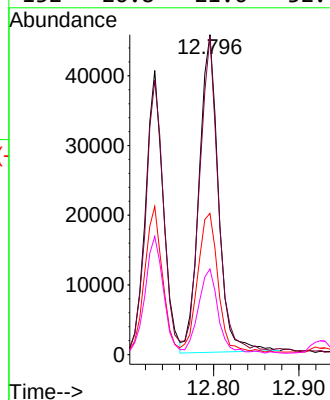
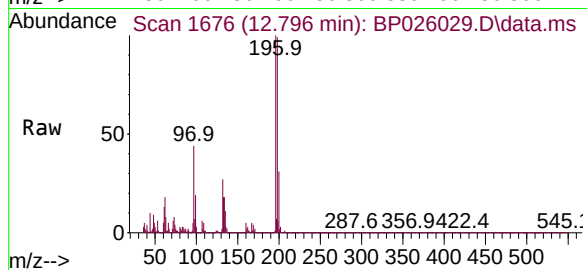
Ion Ratio Lower Upper

196 100

198 99.4 75.1 112.7

97 44.1 35.5 53.3

132 26.8 21.6 32.4



#45

2-Fluorobiphenyl

Concen: 9.698 ng

RT: 12.925 min Scan# 1698

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

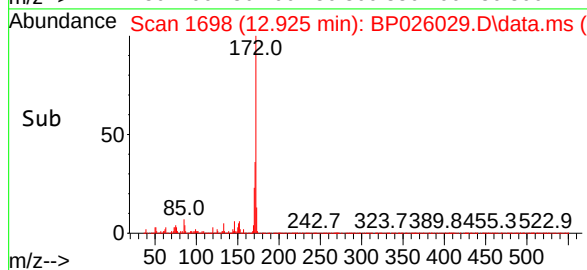
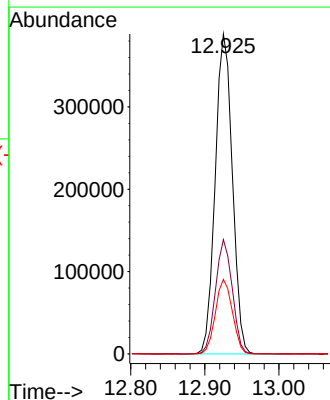
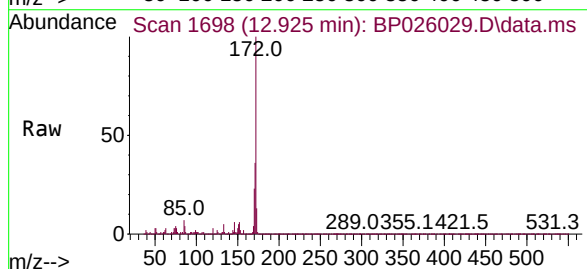
Tgt Ion:172 Resp: 624927

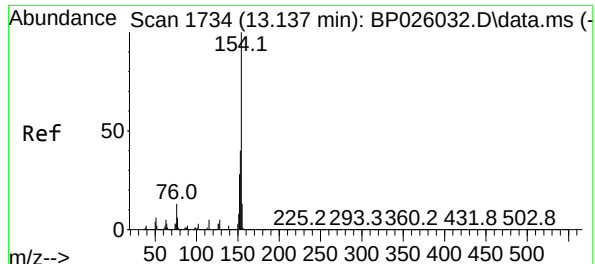
Ion Ratio Lower Upper

172 100

171 35.7 27.9 41.9

170 23.3 19.0 28.4

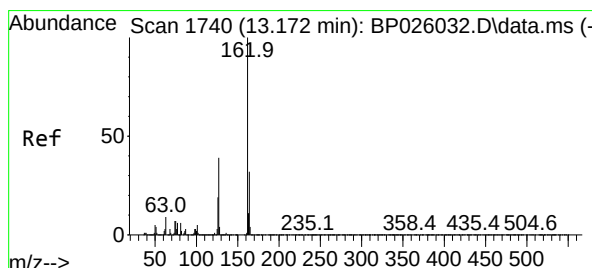
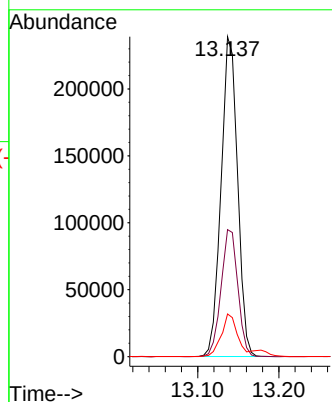
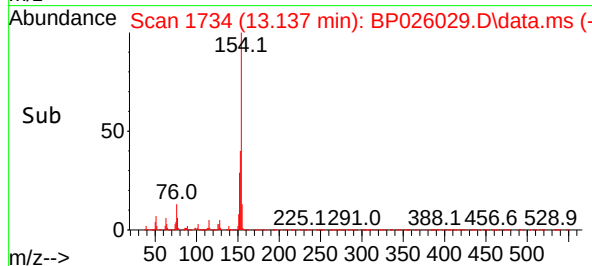
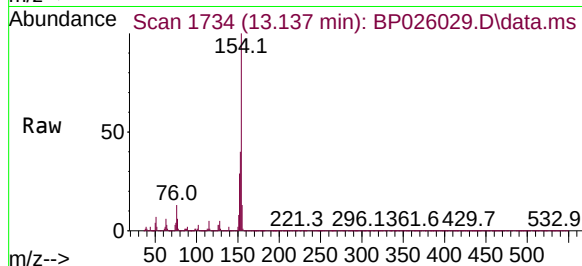




#46
1,1'-Biphenyl
Concen: 4.747 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

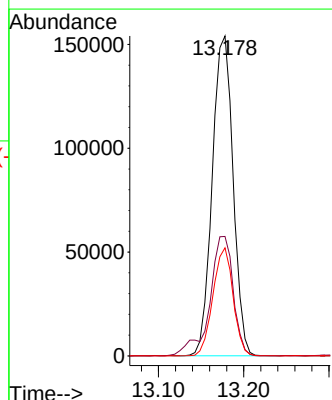
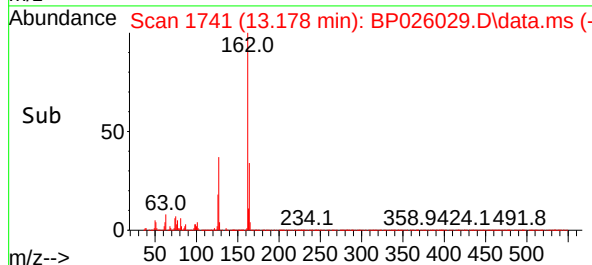
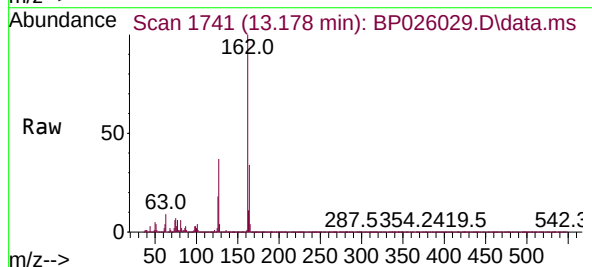
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

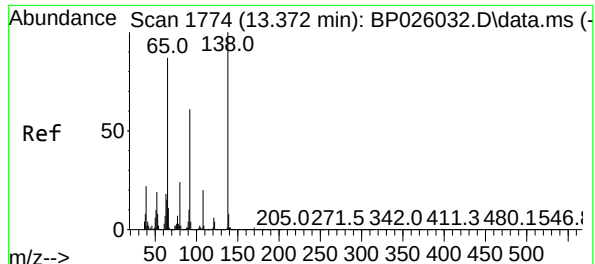
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.2	60.2
76	13.3	0.0	32.8



#47
2-Chloronaphthalene
Concen: 4.691 ng
RT: 13.178 min Scan# 1741
Delta R.T. 0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.3	31.4	47.2
164	33.8	25.9	38.9

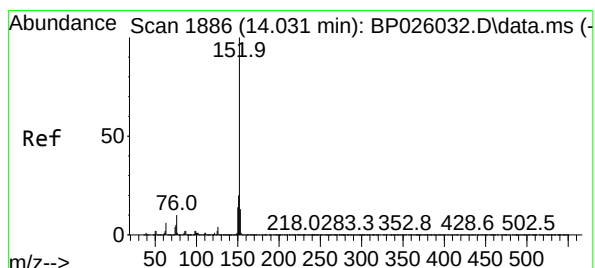
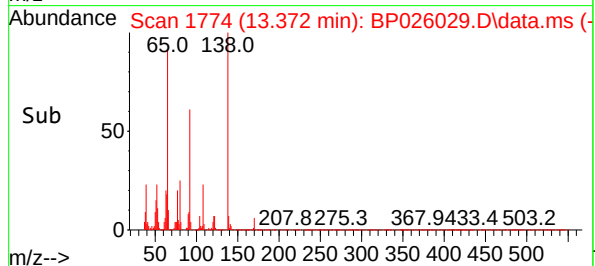
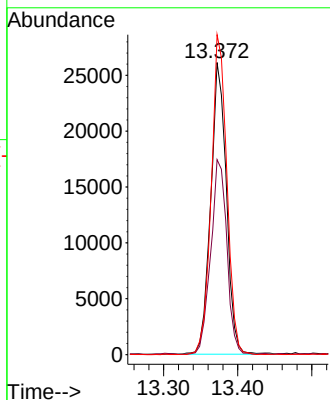
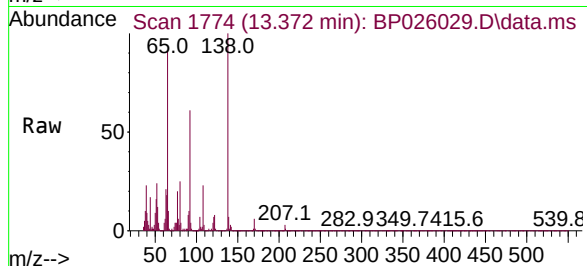




#48
2-Nitroaniline
Concen: 5.289 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

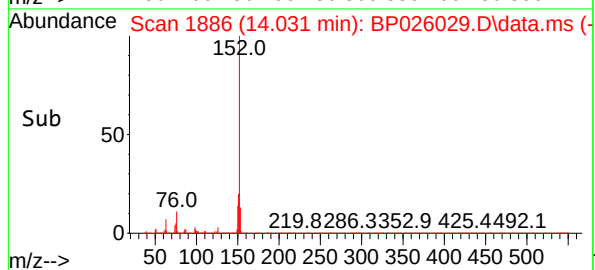
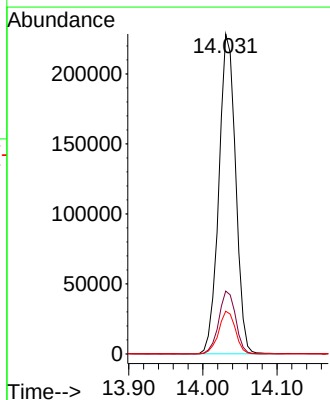
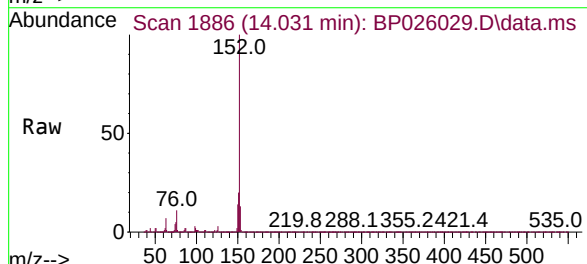
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

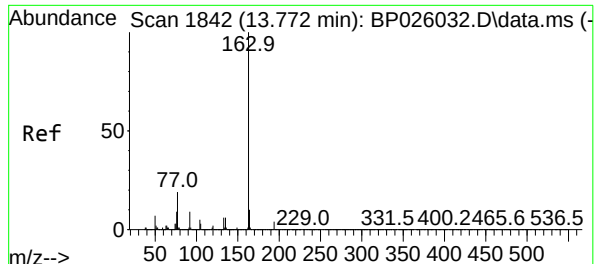
Tgt Ion:	65	Resp:	38315
Ion Ratio	Lower	Upper	
65	100		
92	66.7	55.5	83.3
138	109.5	91.7	137.5



#49
Acenaphthylene
Concen: 4.405 ng
RT: 14.031 min Scan# 1886
Delta R.T. -0.005 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:	152	Resp:	358129
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.9	23.9
153	13.3	10.6	16.0

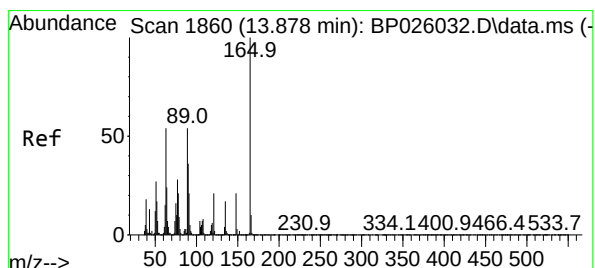
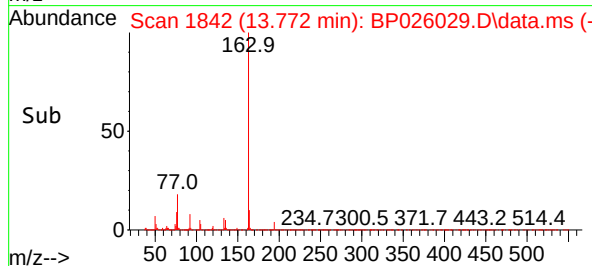
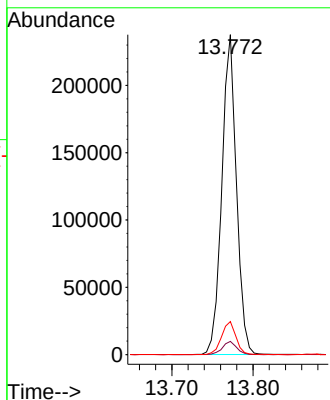
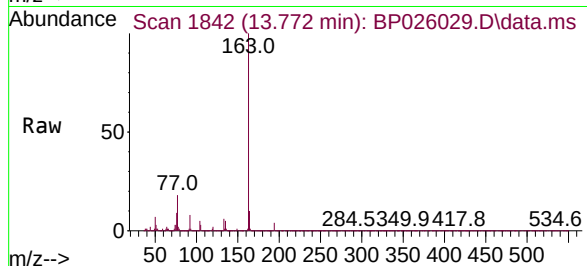




#50
Dimethylphthalate
Concen: 4.405 ng
RT: 13.772 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

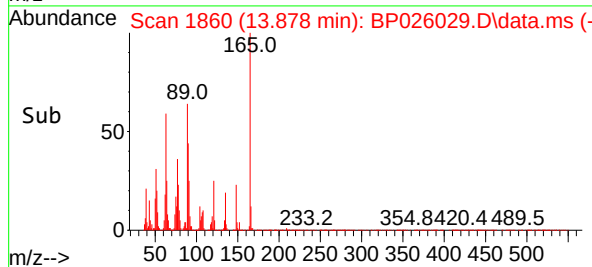
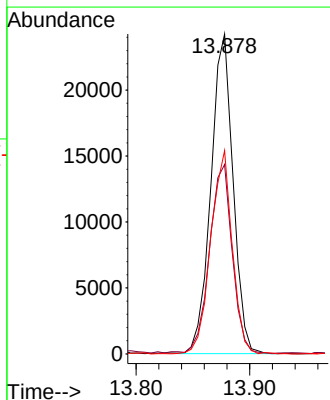
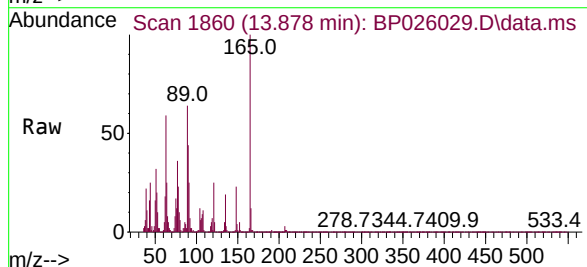
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

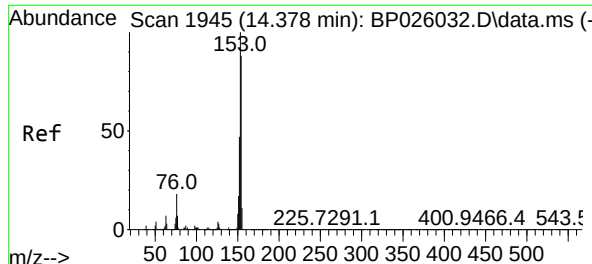
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	8.2	12.2



#51
2,6-Dinitrotoluene
Concen: 5.334 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.2	43.0	64.4
89	63.6	43.0	64.4

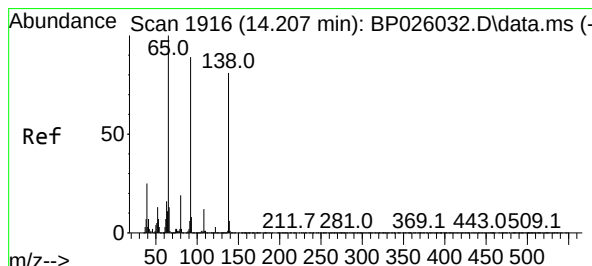
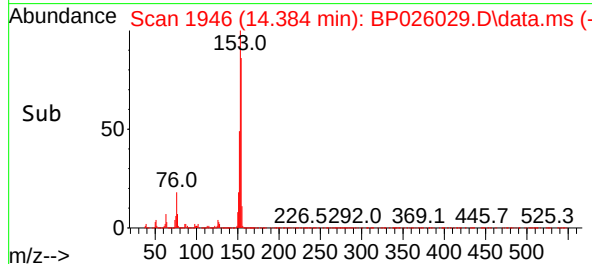
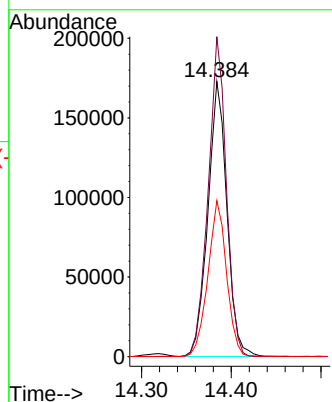
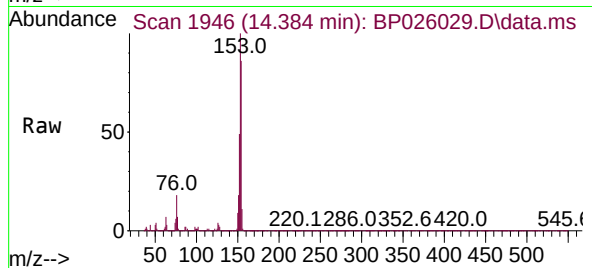




#52
Acenaphthene
Concen: 4.564 ng
RT: 14.384 min Scan# 1945
Delta R.T. 0.001 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

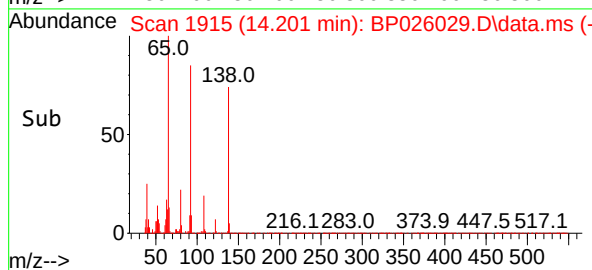
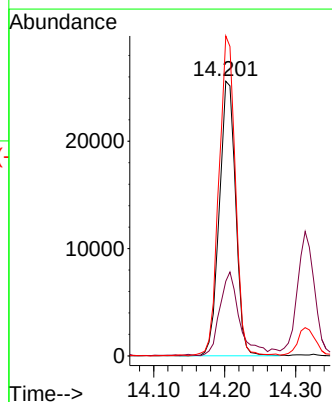
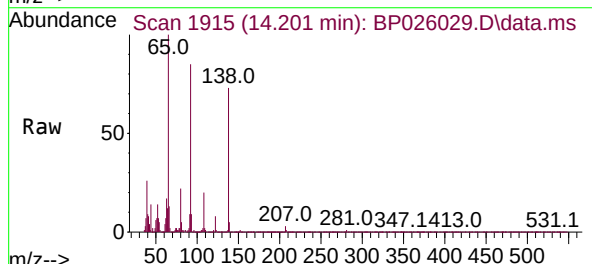
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

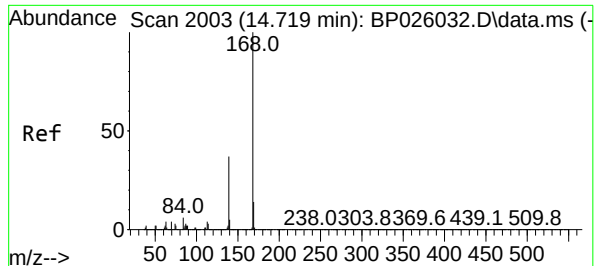
Tgt Ion:154 Resp: 254758
Ion Ratio Lower Upper
154 100
153 116.3 91.0 136.4
152 56.7 42.7 64.1



#53
3-Nitroaniline
Concen: 5.191 ng
RT: 14.201 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:138 Resp: 40998
Ion Ratio Lower Upper
138 100
108 27.2 11.4 17.0#
92 116.5 87.1 130.7

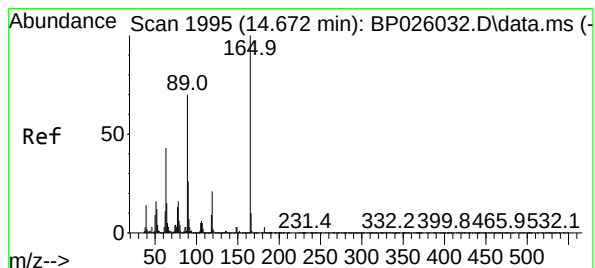
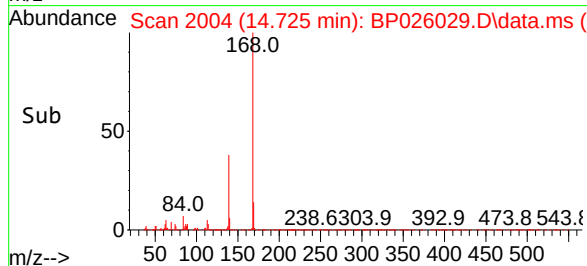
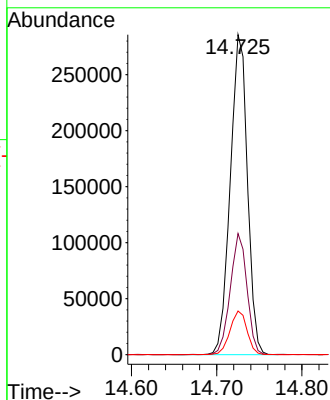
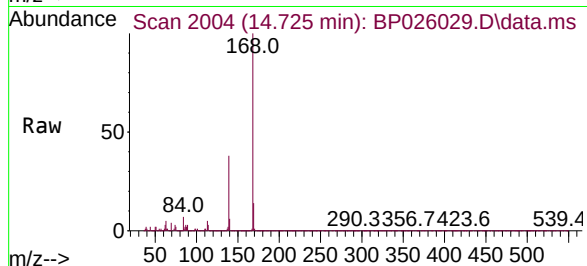




#55
Dibenzenofuran
Concen: 4.735 ng
RT: 14.725 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

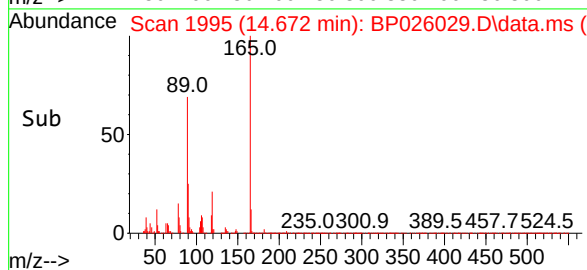
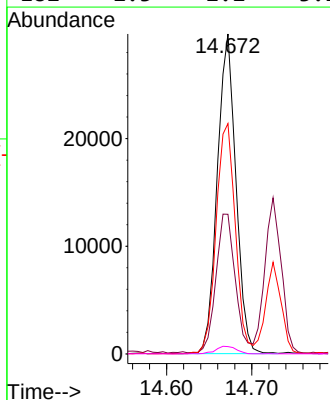
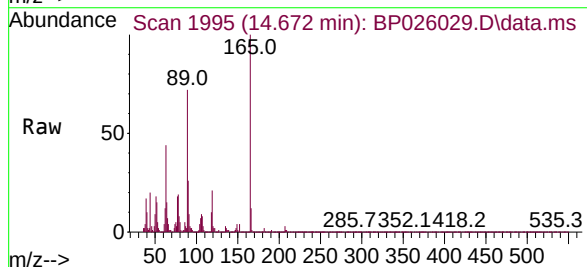
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

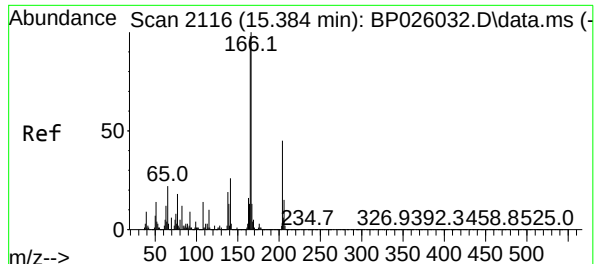
Tgt Ion:168 Resp: 399319
Ion Ratio Lower Upper
168 100
139 37.8 29.7 44.5
169 13.6 11.0 16.4



#57
2,4-Dinitrotoluene
Concen: 5.098 ng
RT: 14.672 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:165 Resp: 45113
Ion Ratio Lower Upper
165 100
63 43.6 34.2 51.2
89 72.0 56.0 84.0
182 2.3 2.2 3.2

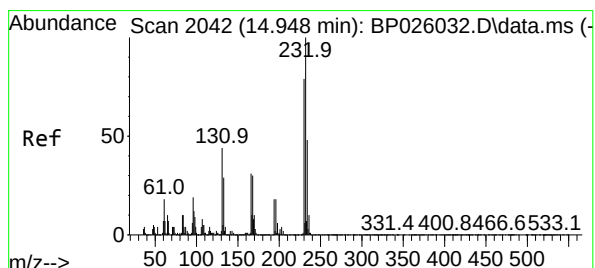
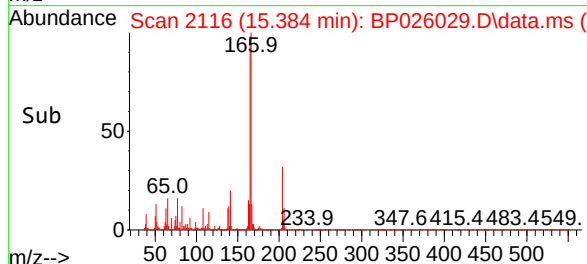
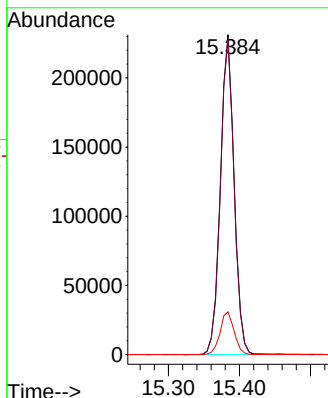
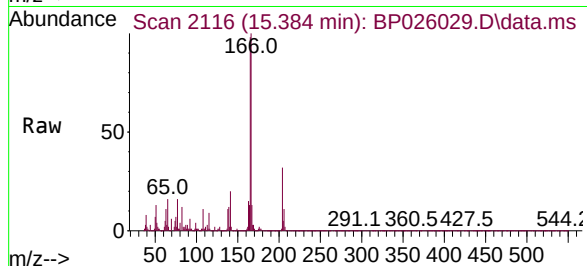




#58
Fluorene
Concen: 4.718 ng
RT: 15.384 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

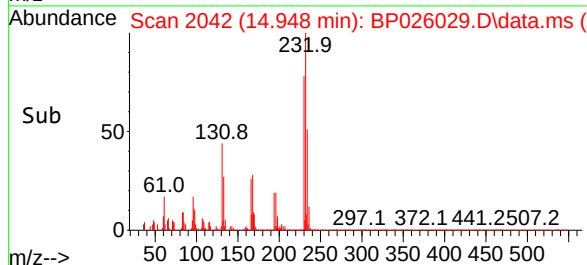
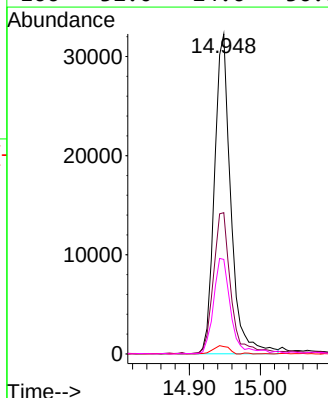
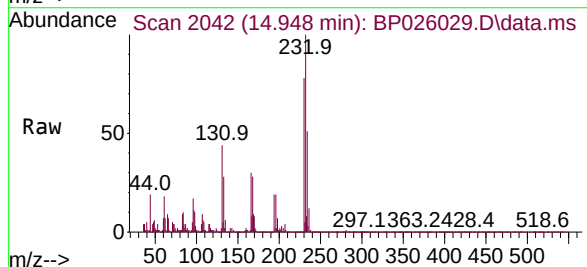
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

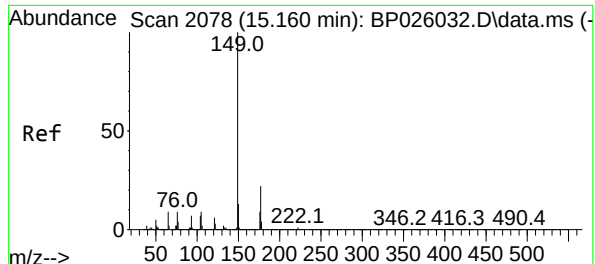
Tgt Ion:166 Resp: 311704
Ion Ratio Lower Upper
166 100
165 98.3 78.1 117.1
167 13.4 10.6 16.0



#59
2,3,4,6-Tetrachlorophenol
Concen: 3.387 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:232 Resp: 51676
Ion Ratio Lower Upper
232 100
131 47.0 35.2 52.8
130 2.5 1.7 2.5
166 32.0 24.6 36.8

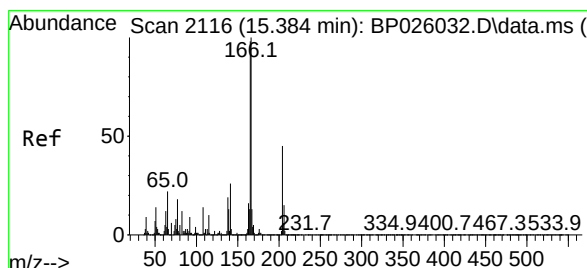
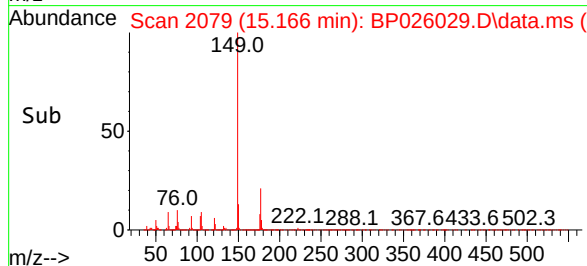
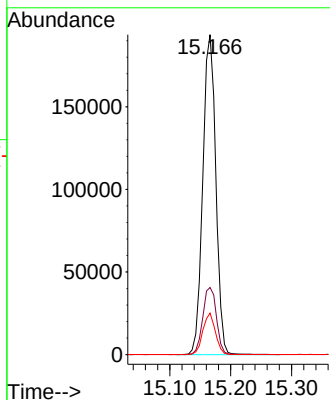
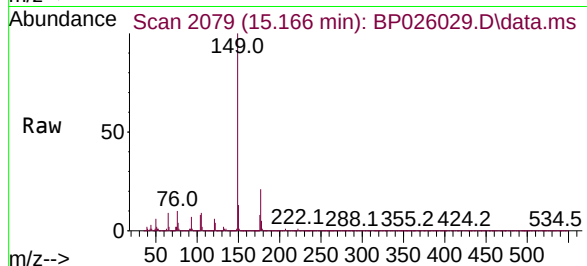




#60
Diethylphthalate
Concen: 4.240 ng
RT: 15.166 min Scan# 2078
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

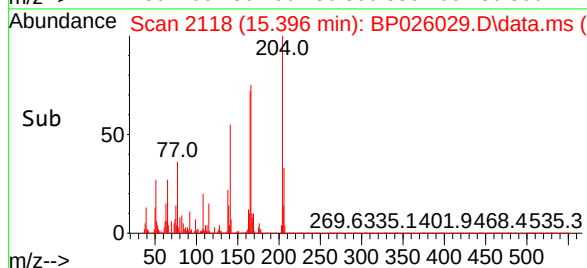
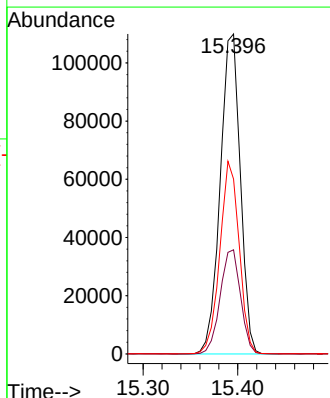
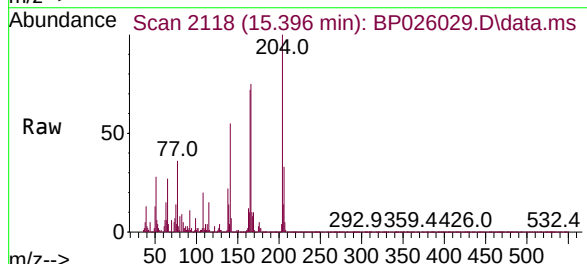
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

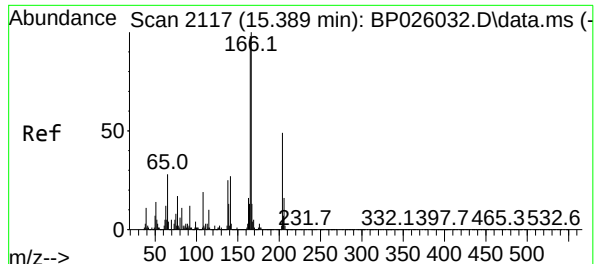
Tgt Ion:149 Resp: 287071
Ion Ratio Lower Upper
149 100
177 21.0 17.9 26.9
150 13.0 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 4.907 ng
RT: 15.396 min Scan# 2118
Delta R.T. 0.007 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:204 Resp: 161882
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 54.6 47.0 70.4

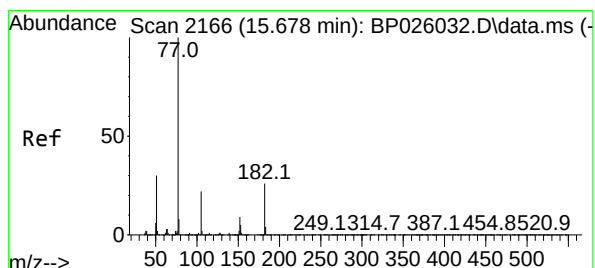
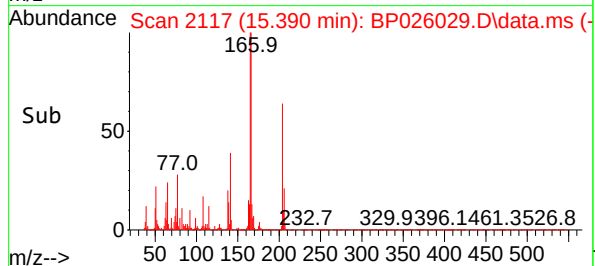
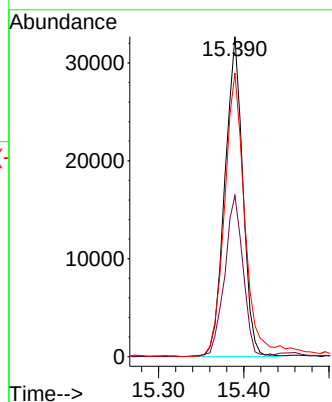
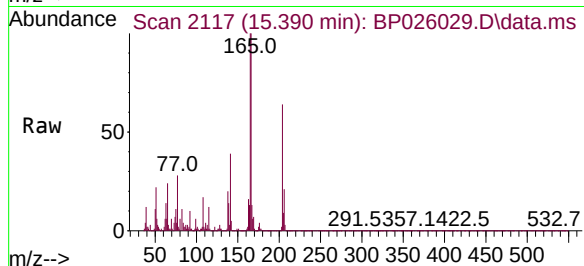




#62
4-Nitroaniline
Concen: 3.327 ng
RT: 15.390 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

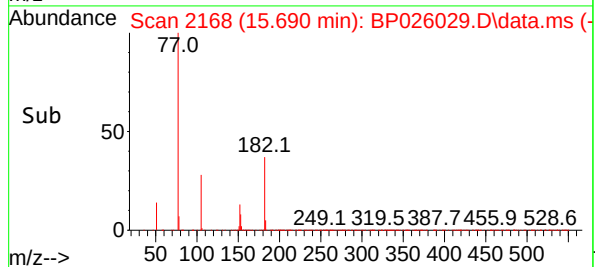
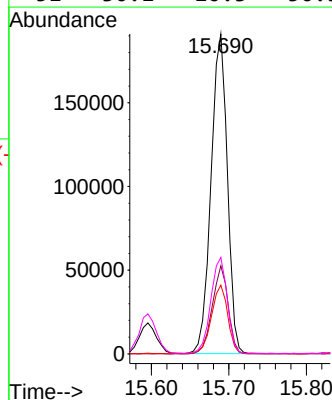
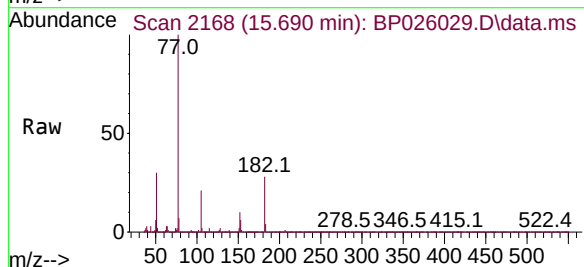
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

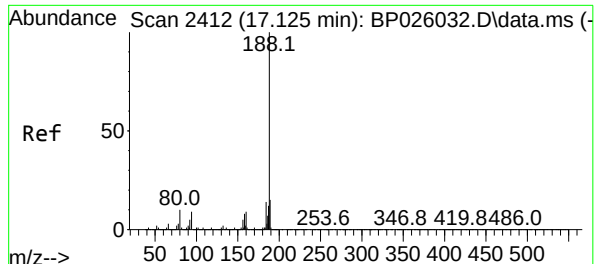
Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	28.2	68.2
108	88.6	56.0	96.0



#63
Azobenzene
Concen: 4.550 ng
RT: 15.690 min Scan# 2168
Delta R.T. 0.001 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.5	6.4	46.4
105	21.5	2.2	42.2
51	30.1	10.3	50.3

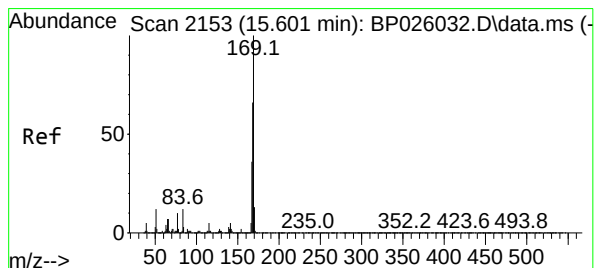
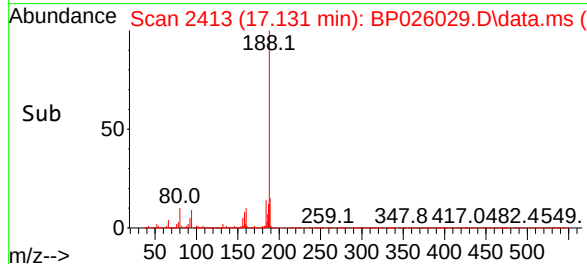
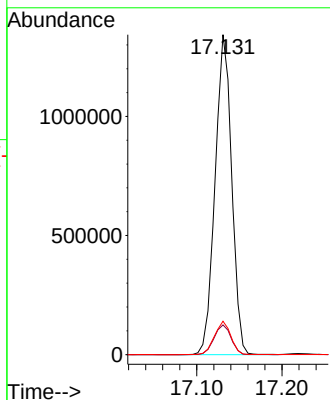
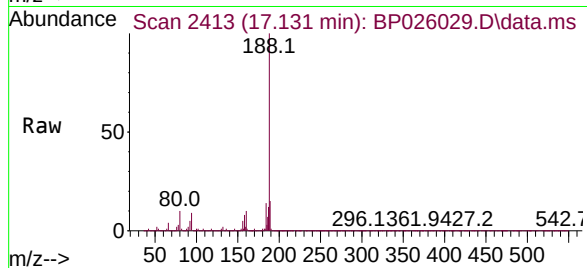




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2412
Delta R.T. 0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

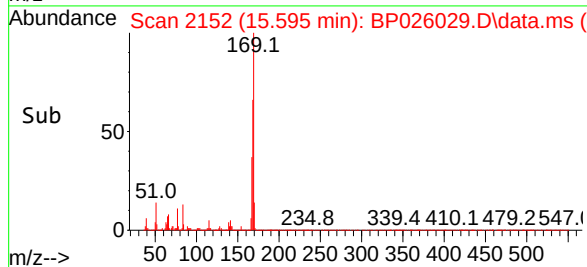
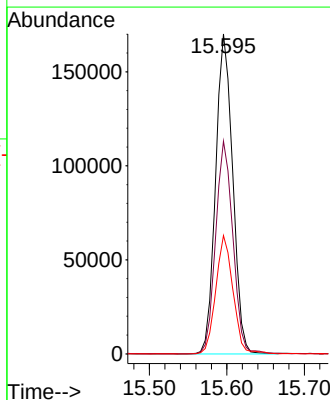
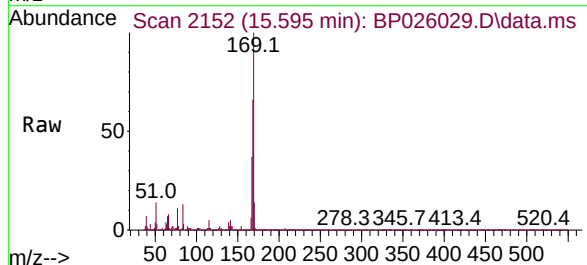
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

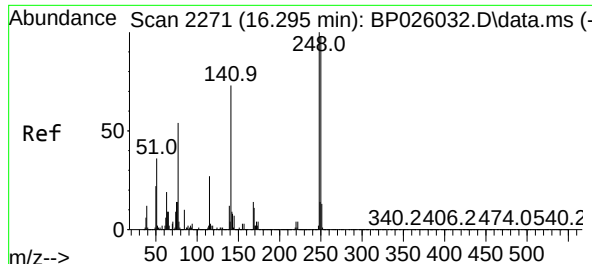
Tgt Ion:188 Resp: 1817309
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 10.4 7.9 11.9



#66
n-Nitrosodiphenylamine
Concen: 4.589 ng
RT: 15.595 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:169 Resp: 260751
Ion Ratio Lower Upper
169 100
168 66.5 52.9 79.3
167 37.0 28.9 43.3

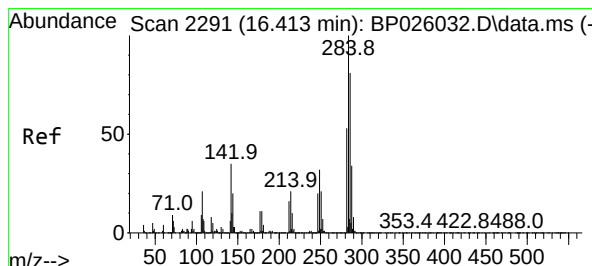
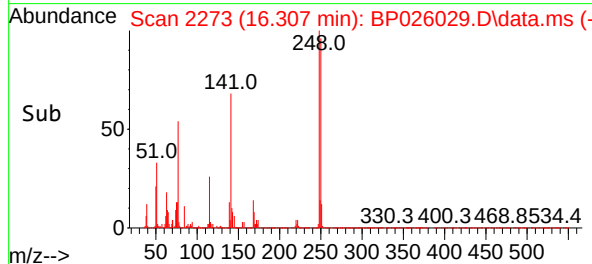
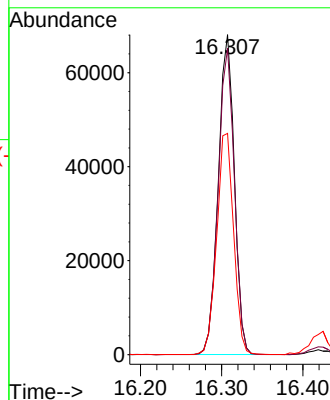
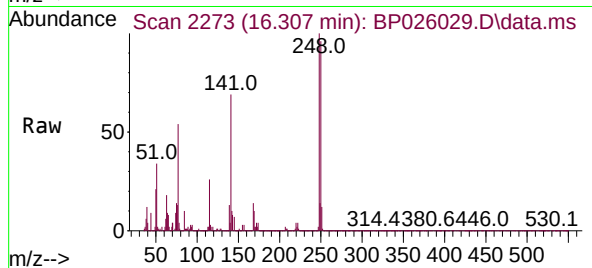




#67
4-Bromophenyl-phenylether
Concen: 4.650 ng
RT: 16.307 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

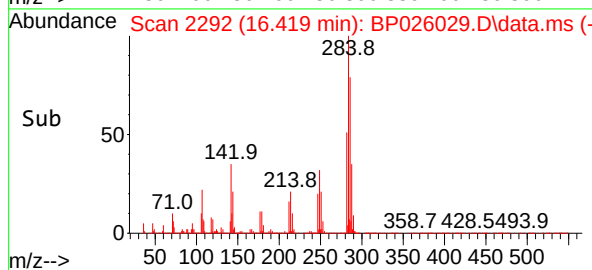
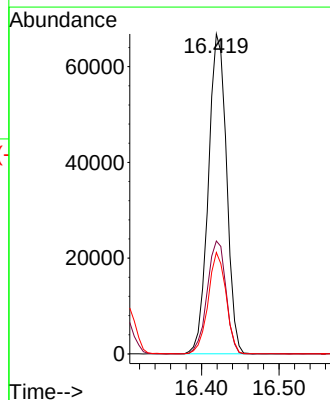
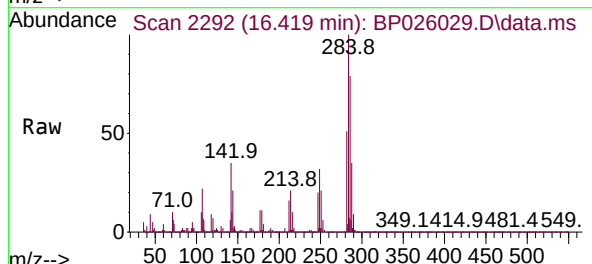
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

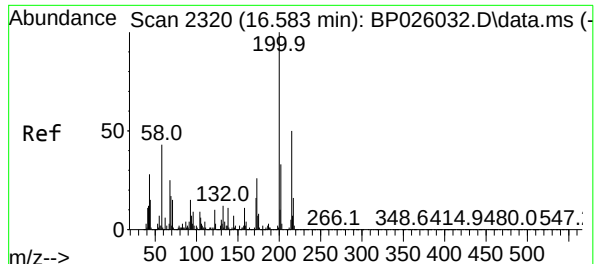
Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	78.4	117.6
141	69.1	58.3	87.5



#68
Hexachlorobenzene
Concen: 4.741 ng
RT: 16.419 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	27.7	41.5
249	31.7	25.5	38.3





#69

Atrazine

Concen: 4.192 ng

RT: 16.578 min Scan# 2319

Delta R.T. -0.006 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

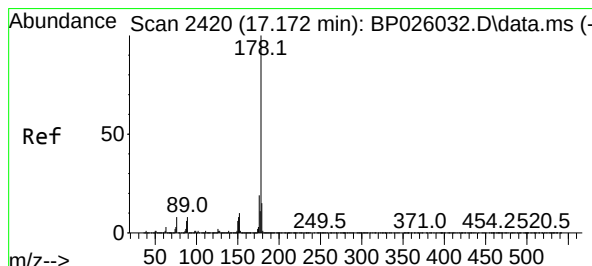
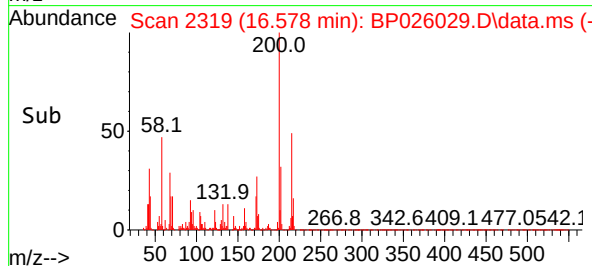
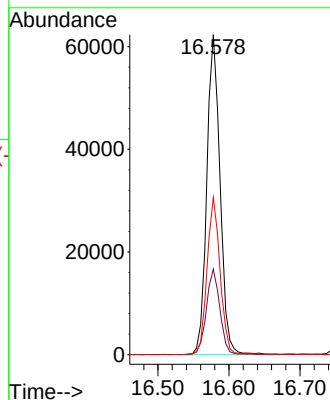
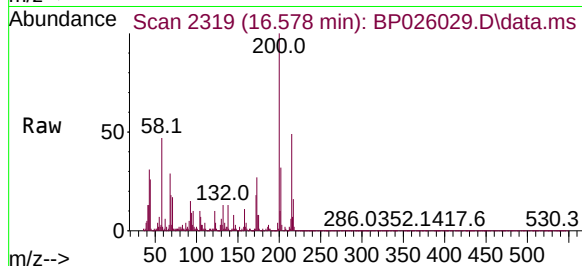
Tgt Ion:200 Resp: 80346

Ion Ratio Lower Upper

200 100

173 26.7 6.2 46.2

215 49.1 29.8 69.8



#71

Phenanthrene

Concen: 4.865 ng

RT: 17.172 min Scan# 2420

Delta R.T. 0.000 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

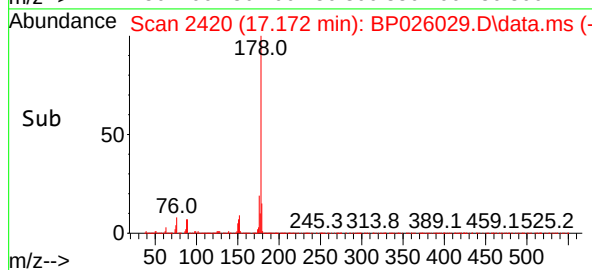
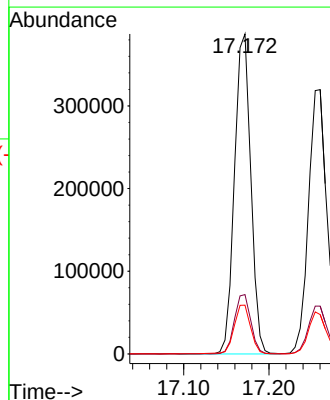
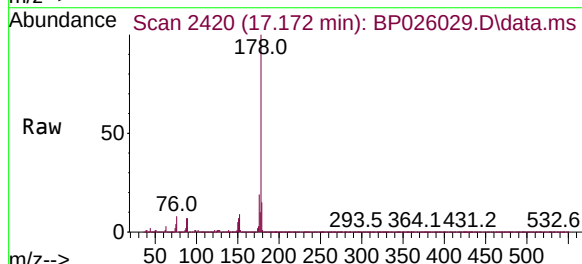
Tgt Ion:178 Resp: 514616

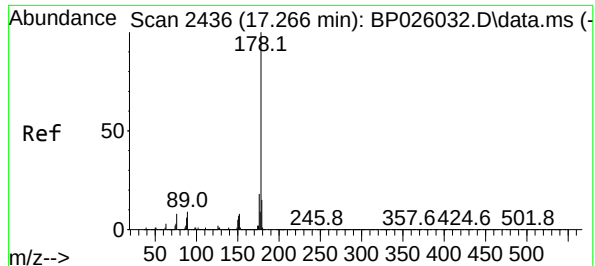
Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

179 15.2 12.3 18.5

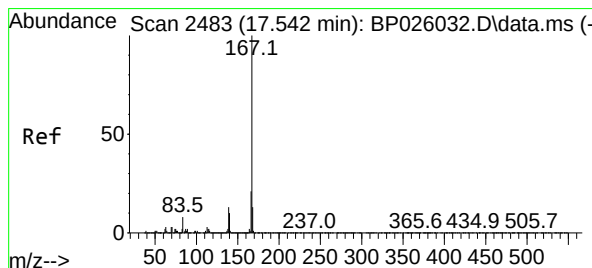
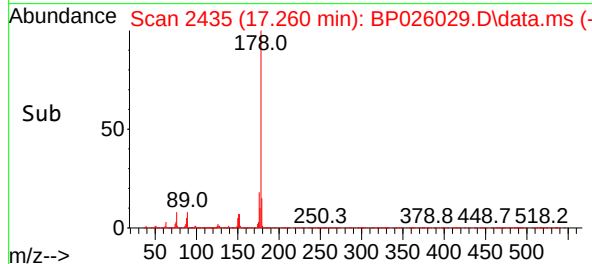
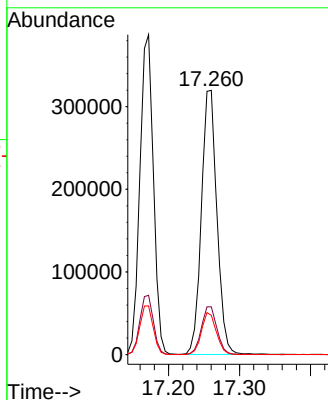
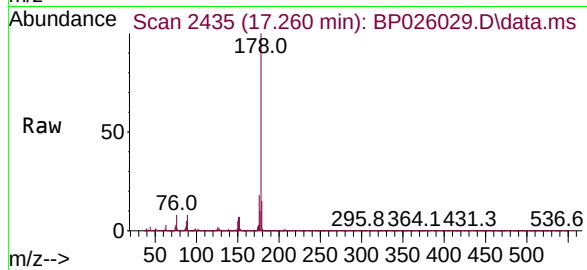




#72
Anthracene
Concen: 4.609 ng
RT: 17.260 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

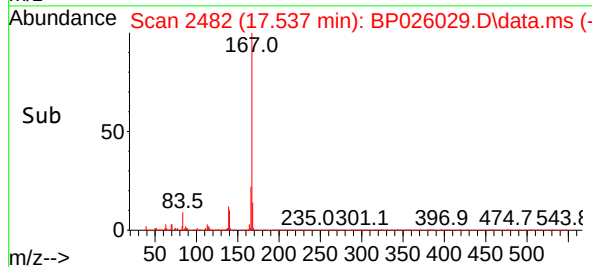
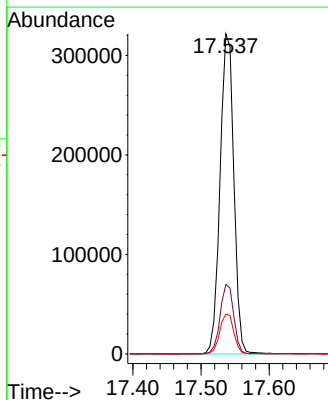
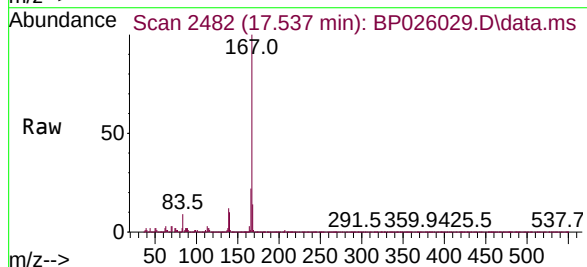
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

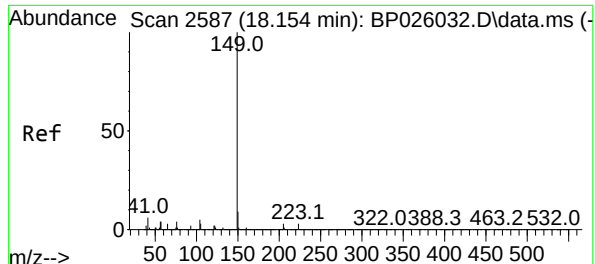
Tgt Ion:178 Resp: 483312
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 14.9 12.2 18.4



#73
Carbazole
Concen: 4.511 ng
RT: 17.537 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:167 Resp: 447699
Ion Ratio Lower Upper
167 100
166 21.7 17.1 25.7
139 12.5 10.2 15.2

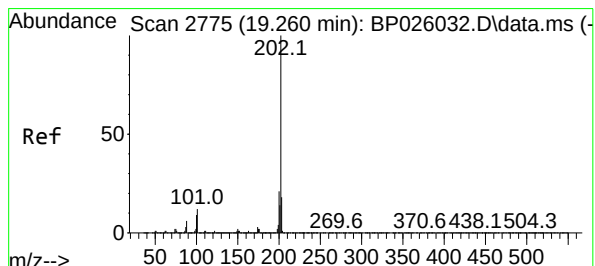
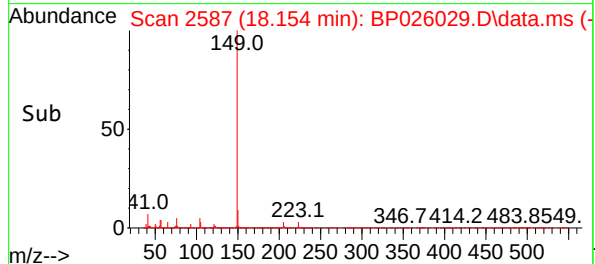
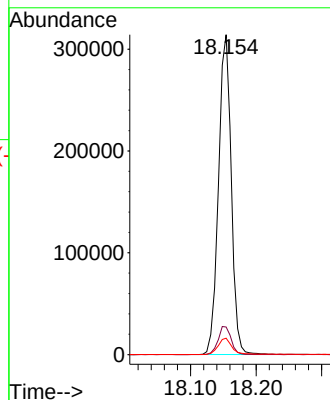
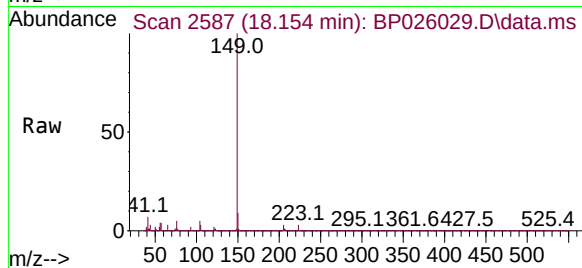




#74
Di-n-butylphthalate
Concen: 3.833 ng
RT: 18.154 min Scan# 2587
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

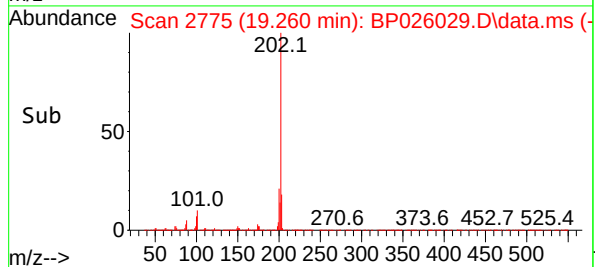
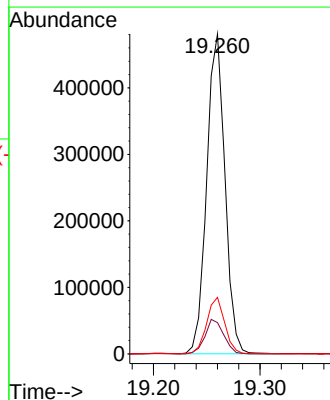
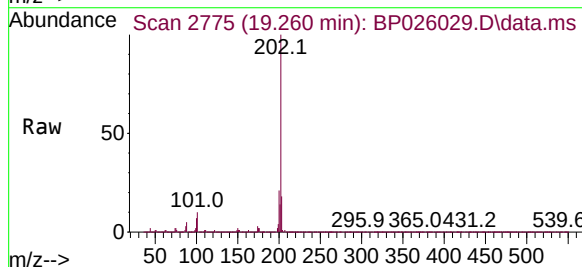
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

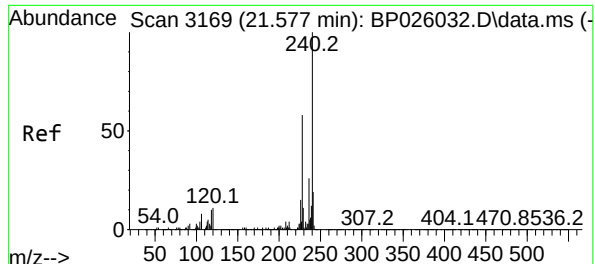
Tgt Ion:149 Resp: 425656
Ion Ratio Lower Upper
149 100
150 8.6 7.3 10.9
104 5.2 3.8 5.6



#75
Fluoranthene
Concen: 4.636 ng
RT: 19.260 min Scan# 2775
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:202 Resp: 572045
Ion Ratio Lower Upper
202 100
101 9.8 0.0 32.1
203 17.7 0.0 37.6

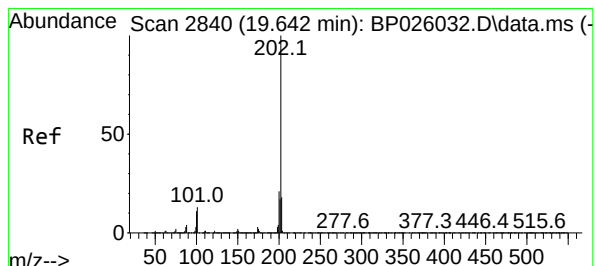
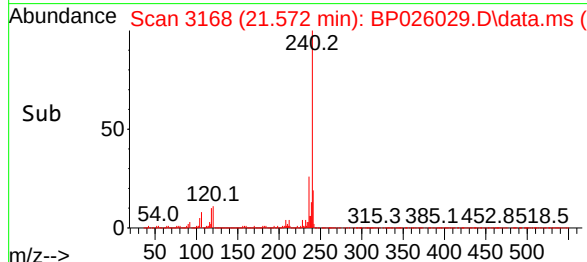
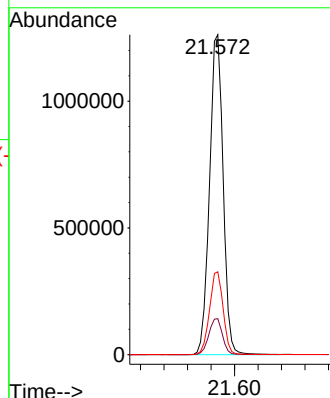
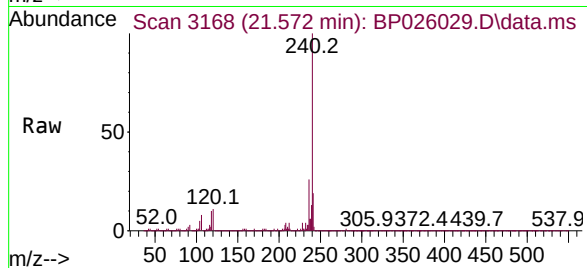




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

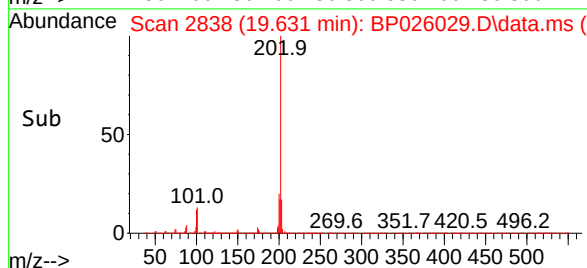
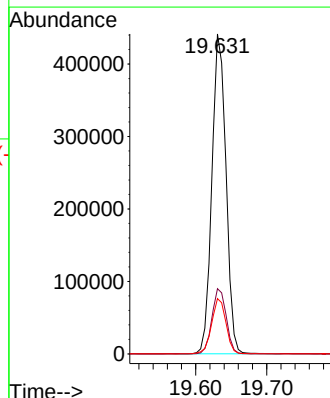
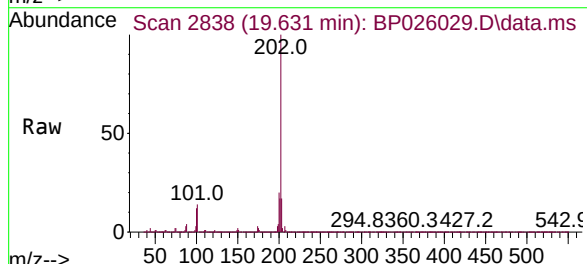
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

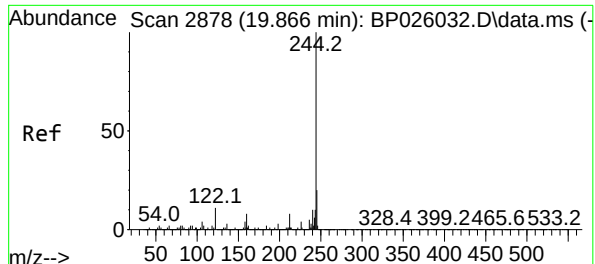
Tgt Ion:240 Resp: 2025692
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.9 20.6 31.0



#78
Pyrene
Concen: 4.441 ng
RT: 19.631 min Scan# 2838
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:202 Resp: 608386
Ion Ratio Lower Upper
202 100
200 20.4 16.6 25.0
203 17.3 14.0 21.0

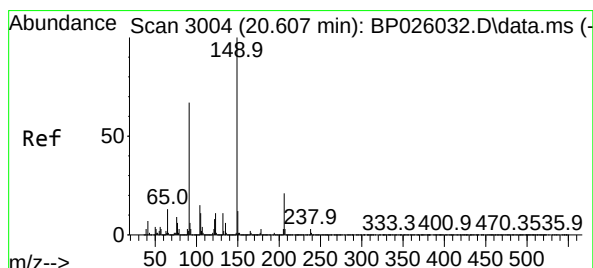
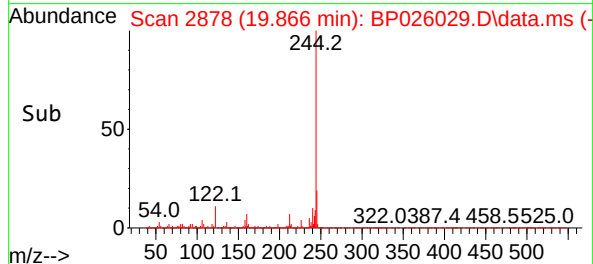
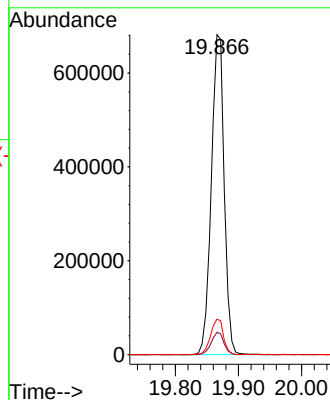
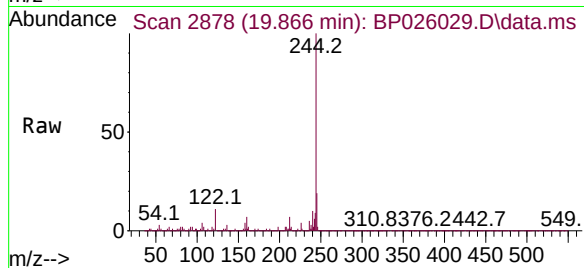




#79
Terphenyl-d14
Concen: 9.677 ng
RT: 19.866 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

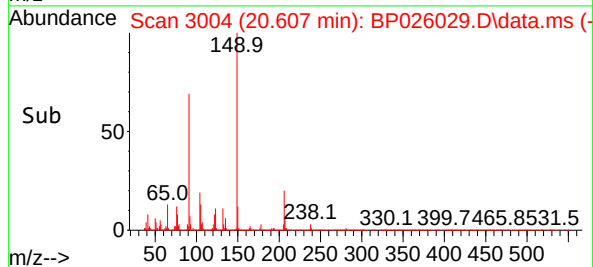
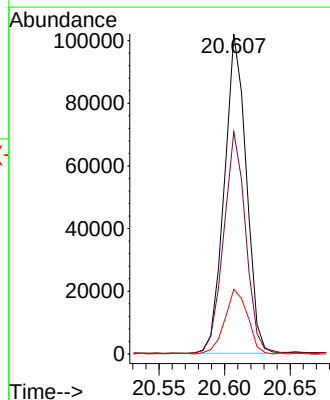
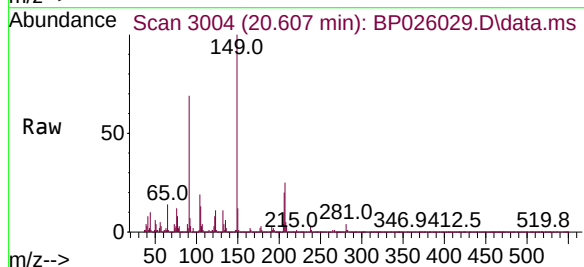
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

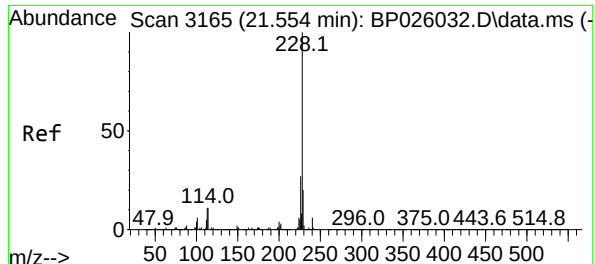
Tgt Ion:244 Resp: 964860
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 11.1 9.0 13.6



#80
Butylbenzylphthalate
Concen: 5.554 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:149 Resp: 118757
Ion Ratio Lower Upper
149 100
91 69.4 53.5 80.3
206 20.2 16.6 25.0

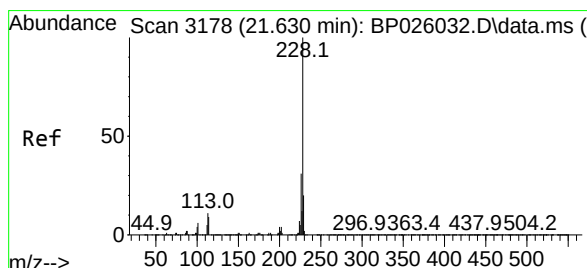
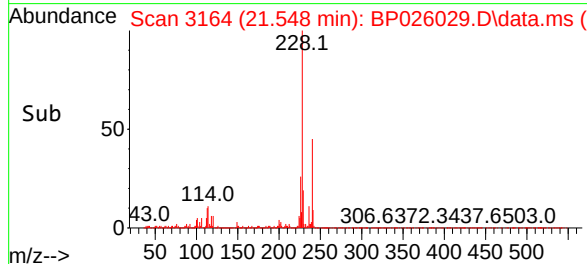
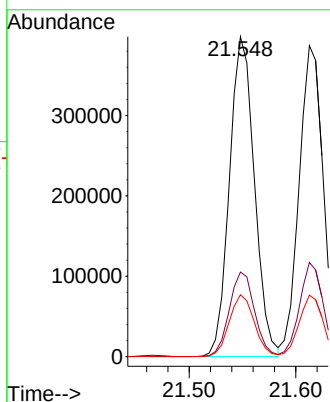
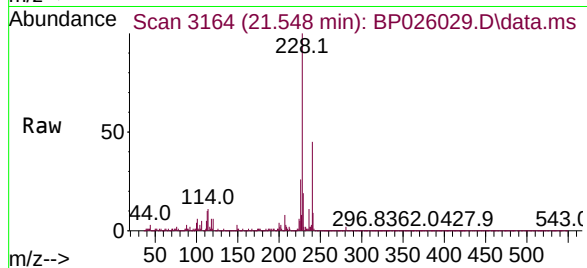




#81
Benzo(a)anthracene
Concen: 4.653 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

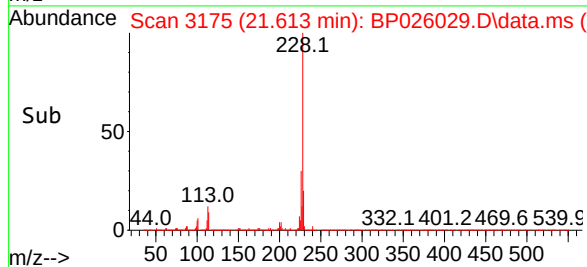
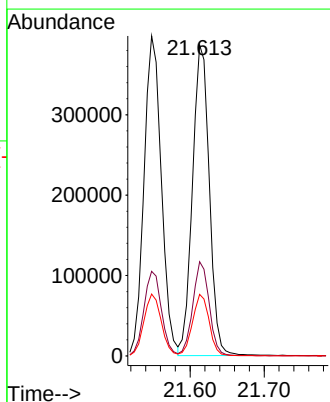
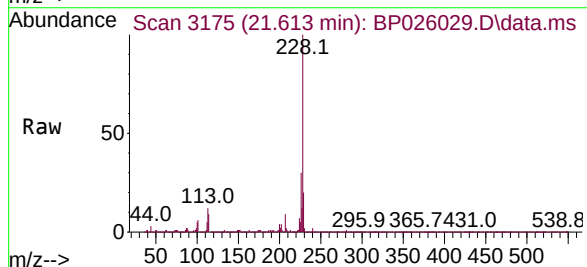
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

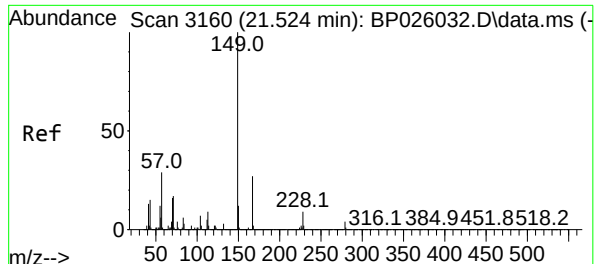
Tgt Ion:228 Resp: 647742
Ion Ratio Lower Upper
228 100
226 26.4 21.7 32.5
229 19.3 15.8 23.8



#83
Chrysene
Concen: 4.647 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:228 Resp: 612715
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 19.8 16.0 24.0

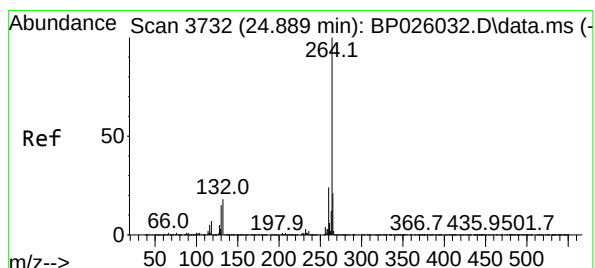
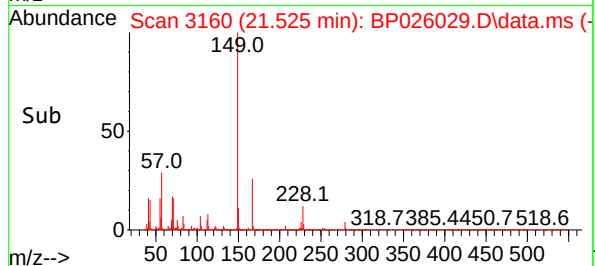
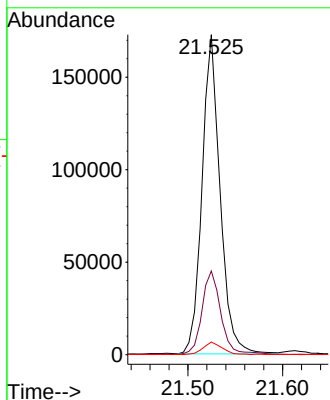
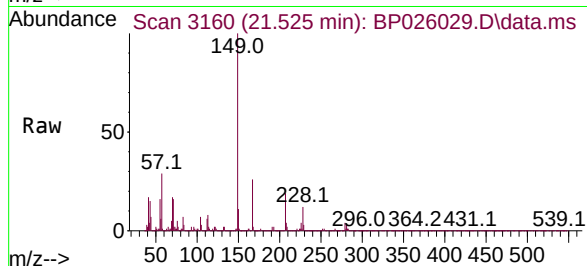




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.327 ng
RT: 21.525 min Scan# 3160
Delta R.T. 0.007 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

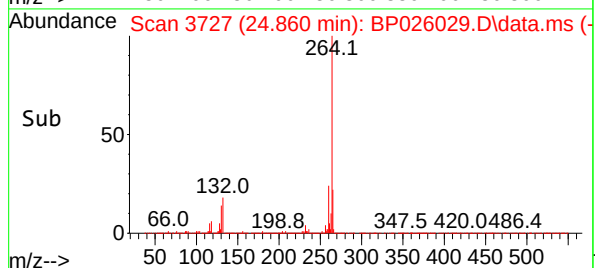
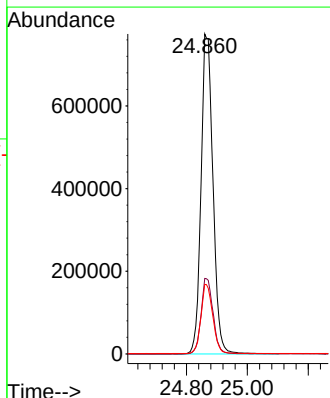
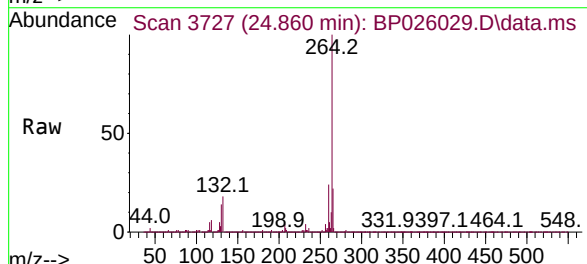
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

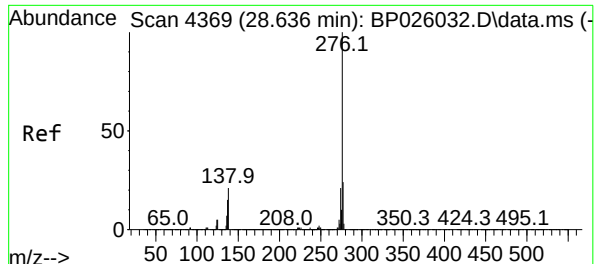
Tgt Ion:149 Resp: 229182
Ion Ratio Lower Upper
149 100
167 26.1 21.5 32.3
279 3.9 3.0 4.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.860 min Scan# 3727
Delta R.T. -0.023 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:264 Resp: 2104784
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.7 17.2 25.8

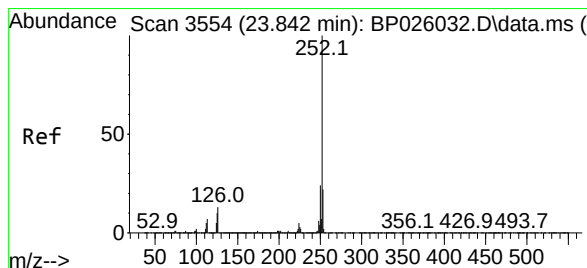
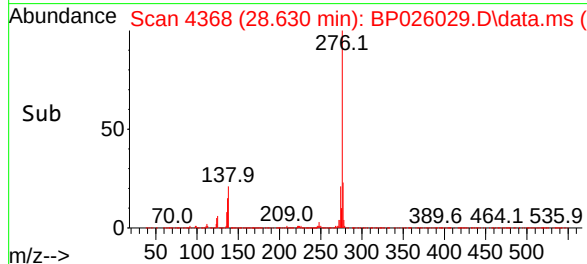
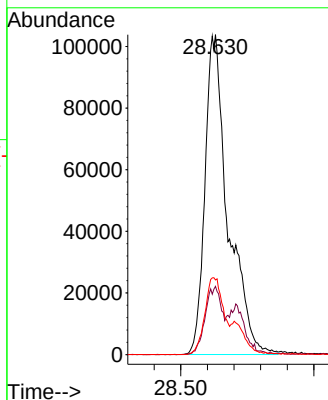
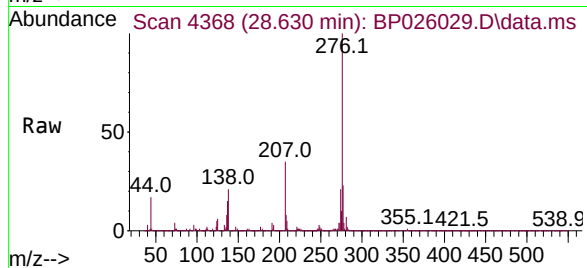




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.030 ng
RT: 28.630 min Scan# 4369
Delta R.T. -0.029 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

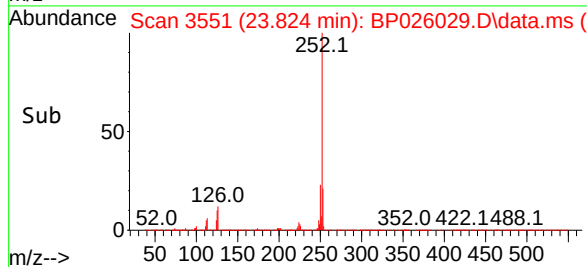
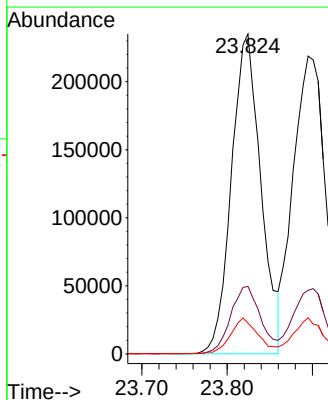
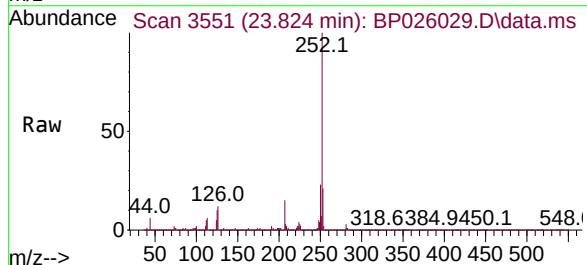
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

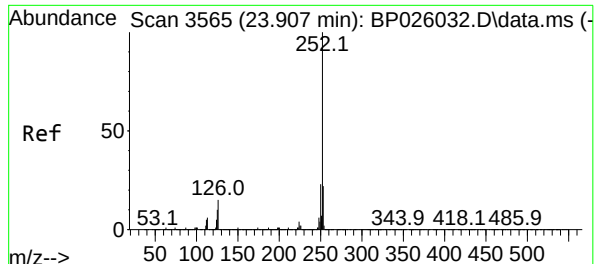
Tgt Ion:276 Resp: 626036
Ion Ratio Lower Upper
276 100
138 15.3 13.2 19.8
277 19.2 16.3 24.5



#88
Benzo(b)fluoranthene
Concen: 4.326 ng
RT: 23.824 min Scan# 3551
Delta R.T. -0.023 min
Lab File: BP026029.D
Acq: 29 Oct 2025 10:07

Tgt Ion:252 Resp: 565252
Ion Ratio Lower Upper
252 100
253 21.1 17.6 26.4
125 9.7 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 4.411 ng

RT: 23.895 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

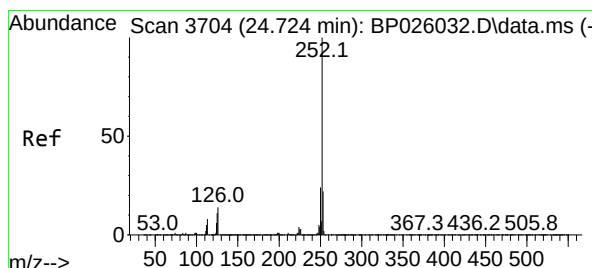
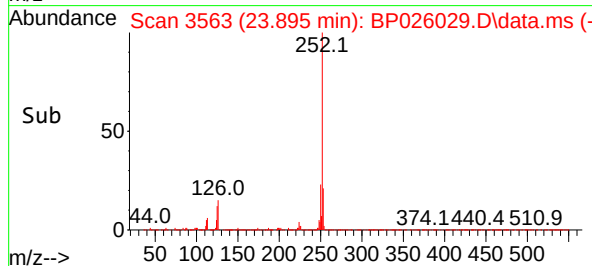
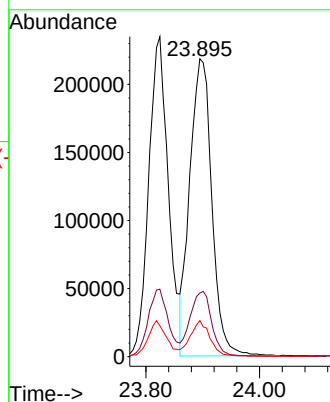
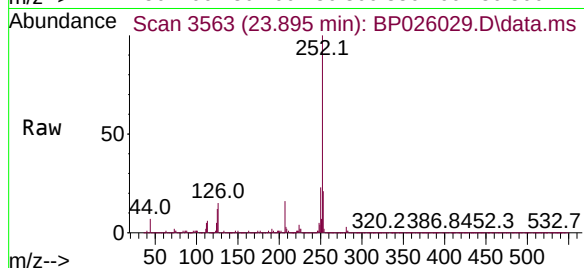
Tgt Ion:252 Resp: 588563

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 12.1 8.1 12.1



#90

Benzo(a)pyrene

Concen: 4.124 ng

RT: 24.713 min Scan# 3702

Delta R.T. -0.029 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

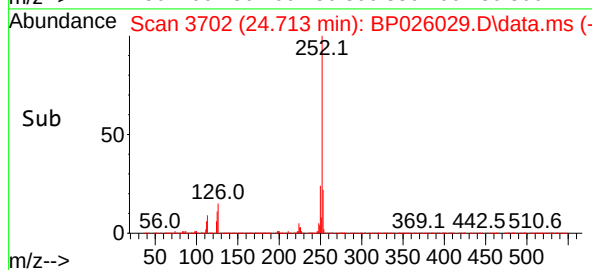
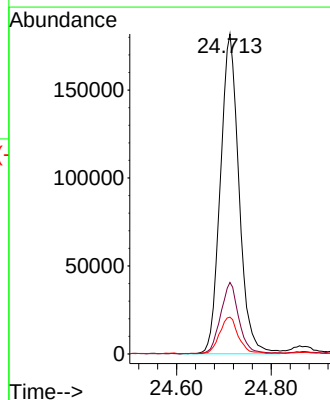
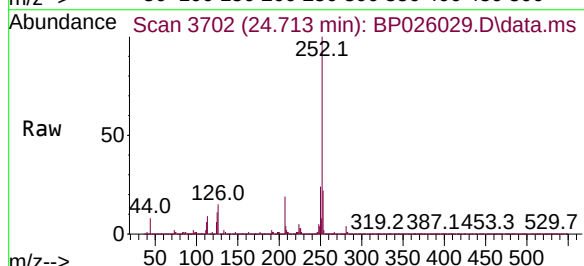
Tgt Ion:252 Resp: 495105

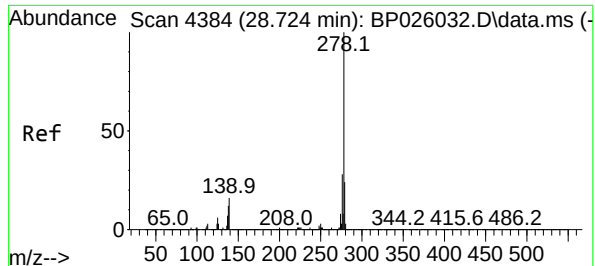
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 11.5 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 4.069 ng

RT: 28.712 min Scan# 4384

Delta R.T. -0.035 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

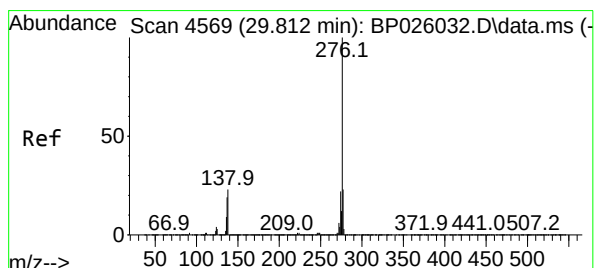
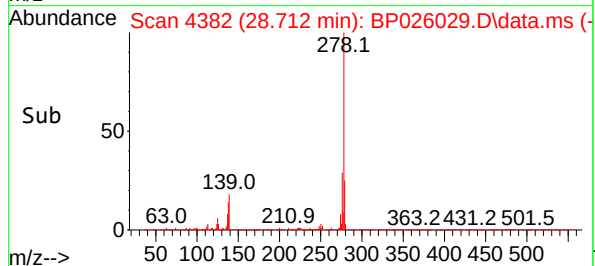
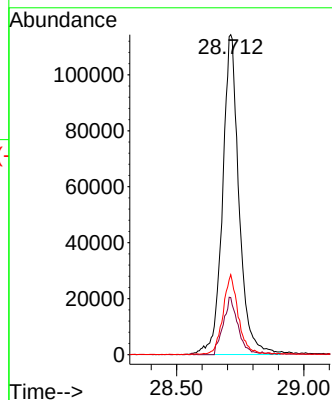
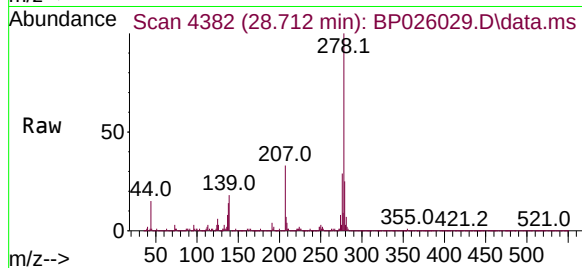
Tgt Ion:278 Resp: 514485

Ion	Ratio	Lower	Upper

278	100		

139	17.8	13.0	19.6

279	25.0	18.9	28.3



#92

Benzo(g,h,i)perylene

Concen: 4.178 ng

RT: 29.748 min Scan# 4558

Delta R.T. -0.082 min

Lab File: BP026029.D

Acq: 29 Oct 2025 10:07

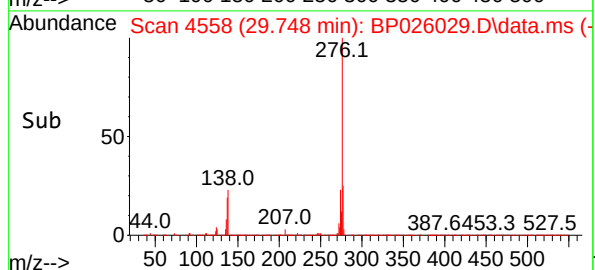
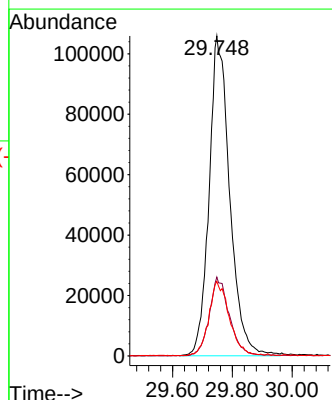
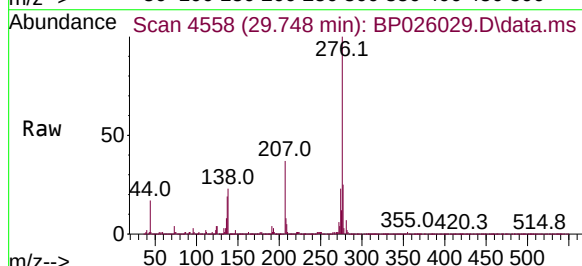
Tgt Ion:276 Resp: 508408

Ion	Ratio	Lower	Upper

276	100		

277	24.6	18.5	27.7

138	23.3	18.1	27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026030.D
 Acq On : 29 Oct 2025 10:48
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:07:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	288854	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1158283	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	734566	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1497196	20.000	ng	0.00
76) Chrysene-d12	21.566	240	1590140	20.000	ng	0.00
86) Perylene-d12	24.883	264	1674719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	362577	20.712	ng	0.00
7) Phenol-d6	6.849	99	456392	20.484	ng	0.00
23) Nitrobenzene-d5	8.819	82	367535	19.781	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	154869	19.502	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	1138070	22.262	ng	0.00
79) Terphenyl-d14	19.860	244	1788115	22.846	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.243	88	81890	11.097	ng	98
3) Pyridine	3.625	79	222154	10.590	ng	98
4) n-Nitrosodimethylamine	3.537	42	86859	10.330	ng	# 96
6) Aniline	7.013	93	311508	10.476	ng	99
8) 2-Chlorophenol	7.249	128	195513	10.086	ng	99
9) Benzaldehyde	6.831	77	123534m	10.666	ng	
10) Phenol	6.878	94	255762	10.340	ng	99
11) bis(2-Chloroethyl)ether	7.114	93	207158	10.612	ng	98
12) 1,3-Dichlorobenzene	7.578	146	239783	10.771	ng	99
13) 1,4-Dichlorobenzene	7.719	146	242788	10.787	ng	99
14) 1,2-Dichlorobenzene	8.031	146	230430	10.729	ng	100
15) Benzyl Alcohol	7.908	79	154491	9.618	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.202	45	319172	10.818	ng	99
17) 2-Methylphenol	8.113	107	163076	10.068	ng	99
18) Hexachloroethane	8.755	117	81158	10.537	ng	96
19) n-Nitroso-di-n-propyla...	8.472	70	146354	10.582	ng	99
20) 3+4-Methylphenols	8.431	107	219610	9.746	ng	99
22) Acetophenone	8.490	105	317614	10.842	ng	# 98
24) Nitrobenzene	8.860	77	200078	10.199	ng	98
25) Isophorone	9.378	82	417831	10.506	ng	98
26) 2-Nitrophenol	9.566	139	53200	9.634	ng	96
27) 2,4-Dimethylphenol	9.625	122	177027	10.585	ng	98
28) bis(2-Chloroethoxy)met...	9.866	93	269975	10.772	ng	99
29) 2,4-Dichlorophenol	10.096	162	175015	9.911	ng	100
30) 1,2,4-Trichlorobenzene	10.313	180	209064	10.893	ng	97
31) Naphthalene	10.502	128	684226	10.833	ng	99
32) Benzoic acid	9.684	122	58000	10.150	ng	90
33) 4-Chloroaniline	10.596	127	255029	10.507	ng	100
34) Hexachlorobutadiene	10.796	225	133883	10.977	ng	99
35) Caprolactam	11.331	113	57604	9.290	ng	99
36) 4-Chloro-3-methylphenol	11.719	107	181561	9.808	ng	99
37) 2-Methylnaphthalene	12.113	142	476697	10.783	ng	99
38) 1-Methylnaphthalene	12.331	142	463905	10.801	ng	99
40) 1,2,4,5-Tetrachloroben...	12.484	216	245958	10.776	ng	100
41) Hexachlorocyclopentadiene	12.472	237	73538	8.806	ng	95
43) 2,4,6-Trichlorophenol	12.719	196	125693	9.317	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026030.D
 Acq On : 29 Oct 2025 10:48
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:07:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.790	196	151902	9.868	ng	97
46) 1,1'-Biphenyl	13.131	154	614441	10.924	ng	99
47) 2-Chloronaphthalene	13.172	162	479020	10.824	ng	99
48) 2-Nitroaniline	13.366	65	83149	9.741	ng	92
49) Acenaphthylene	14.031	152	677627	10.506	ng	100
50) Dimethylphthalate	13.766	163	578145	10.820	ng	100
51) 2,6-Dinitrotoluene	13.878	165	71941	9.731	ng	88
52) Acenaphthene	14.384	154	471935	10.658	ng	99
53) 3-Nitroaniline	14.201	138	93292	9.962	ng	# 90
54) 2,4-Dinitrophenol	14.413	184	25388	10.017	ng	# 90
55) Dibenzofuran	14.725	168	733645	10.966	ng	99
56) 4-Nitrophenol	14.513	139	101905	9.565	ng	93
57) 2,4-Dinitrotoluene	14.678	165	105824	9.727	ng	97
58) Fluorene	15.390	166	595481	11.361	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	111275	9.194	ng	99
60) Diethylphthalate	15.166	149	576582	10.734	ng	99
61) 4-Chlorophenyl-phenylether	15.390	204	294916	11.267	ng	98
62) 4-Nitroaniline	15.390	138	108022	9.461	ng	93
63) Azobenzene	15.690	77	541815	11.130	ng	100
65) 4,6-Dinitro-2-methylph...	15.448	198	39648	10.014	ng	94
66) n-Nitrosodiphenylamine	15.601	169	507903	10.850	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	175158	10.547	ng	96
68) Hexachlorobenzene	16.419	284	204634	10.824	ng	97
69) Atrazine	16.578	200	159536	10.103	ng	99
70) Pentachlorophenol	16.766	266	94142	8.152	ng	97
71) Phenanthrene	17.166	178	964196	11.064	ng	99
72) Anthracene	17.260	178	945078	10.941	ng	100
73) Carbazole	17.536	167	877310	10.729	ng	100
74) Di-n-butylphthalate	18.154	149	912617	9.974	ng	100
75) Fluoranthene	19.254	202	1100035	10.821	ng	99
77) Benzidine	19.454	184	327160	8.106	ng	99
78) Pyrene	19.630	202	1182711	10.997	ng	99
80) Butylbenzylphthalate	20.607	149	267569	9.589	ng	98
81) Benzo(a)anthracene	21.542	228	1190374	10.894	ng	100
82) 3,3'-Dichlorobenzidine	21.472	252	310231	8.812	ng	99
83) Chrysene	21.607	228	1132388	10.940	ng	98
84) Bis(2-ethylhexyl)phtha...	21.525	149	487334	9.805	ng	100
85) Di-n-octyl phthalate	22.795	149	653399	6.903	ng	96
87) Indeno(1,2,3-cd)pyrene	28.618	276	1244503m	10.070	ng	
88) Benzo(b)fluoranthene	23.830	252	1069169	10.284	ng	99
89) Benzo(k)fluoranthene	23.901	252	1143258	10.769	ng	100
90) Benzo(a)pyrene	24.724	252	978750	10.247	ng	99
91) Dibenzo(a,h)anthracene	28.712	278	1020484	10.142	ng	99
92) Benzo(g,h,i)perylene	29.777	276	977235	10.093	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

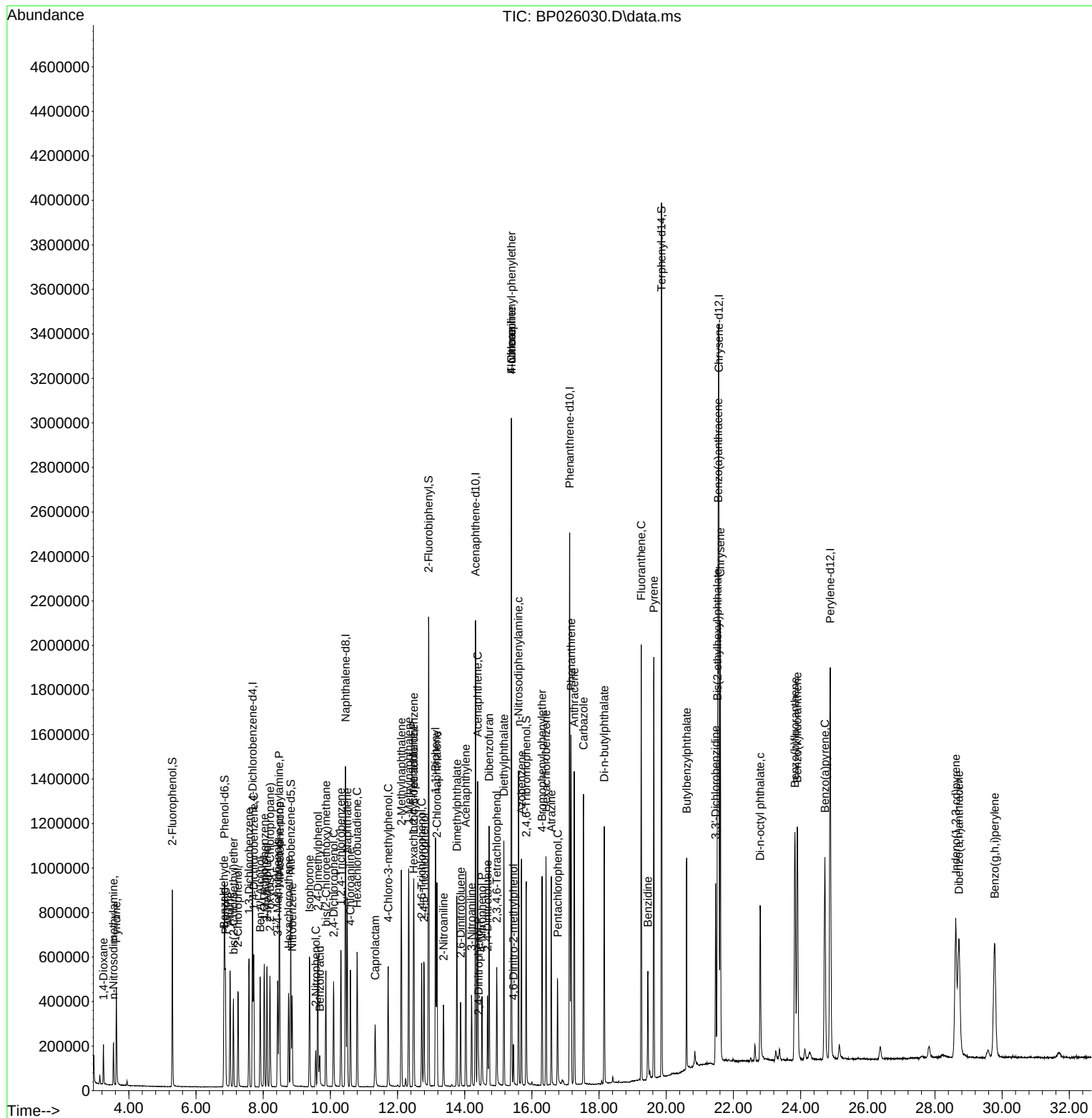

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\  
Data File : BP026030.D  
Acq On    : 29 Oct 2025  10:48  
Operator   : RC/JU  
Sample     : SSTDICC010  
Misc       :  
ALS Vial   : 4    Sample Multiplier: 1
```

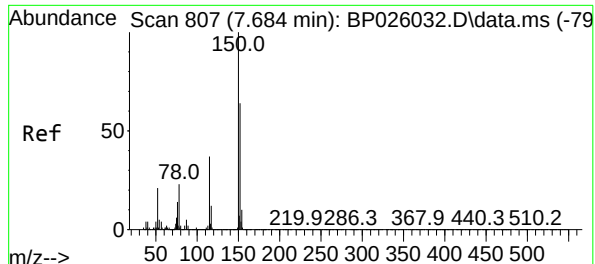
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jaagrut Upadhyay 11/04/2025

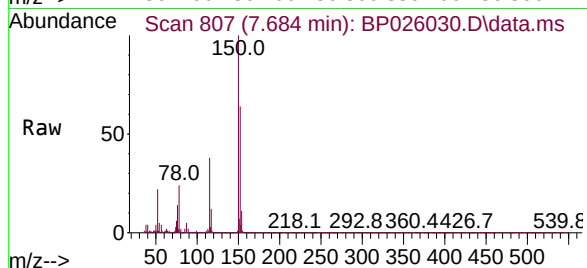
Quant Time: Oct 29 18:07:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

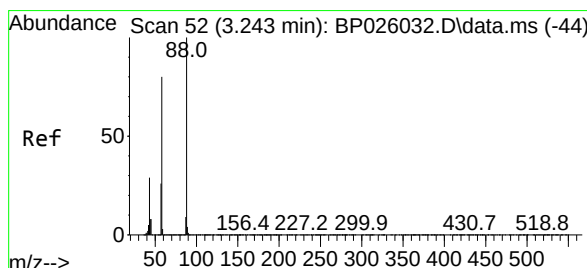
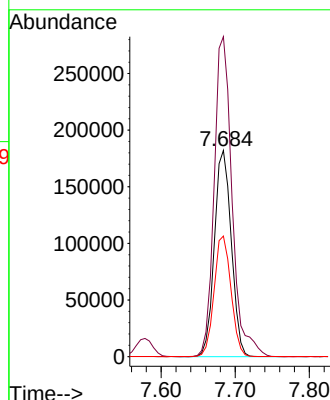
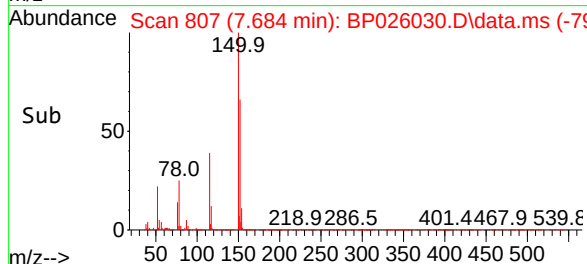
Instrument :
BNA_P
Client Sample Id :
SSTDICC010



Tgt Ion: 152 Resp: 288854
Ion Ratio Lower Upper
152 100
150 155.2 125.7 188.5
115 58.4 46.4 69.6

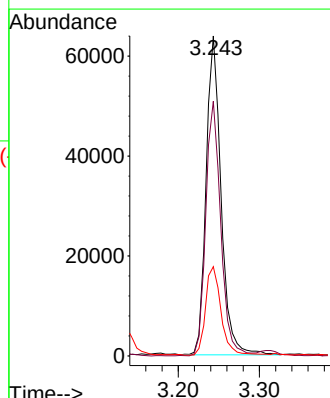
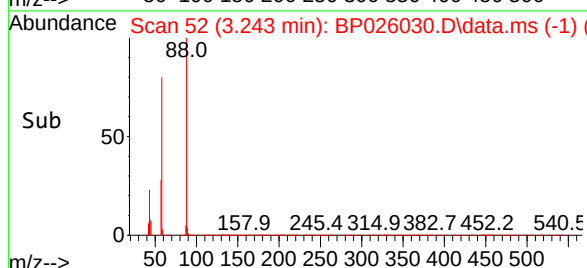
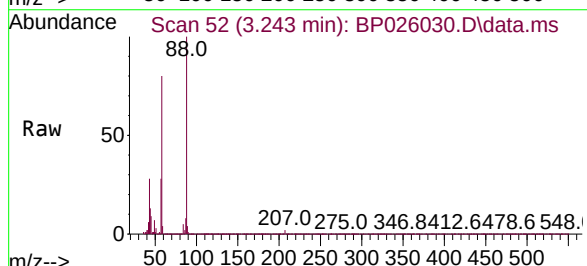
Manual Integrations
APPROVED

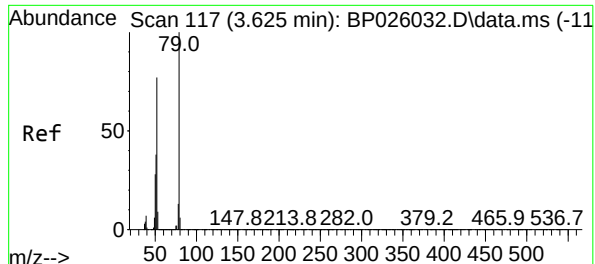
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#2
1,4-Dioxane
Concen: 11.097 ng
RT: 3.243 min Scan# 52
Delta R.T. 0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 88 Resp: 81890
Ion Ratio Lower Upper
88 100
58 80.0 65.4 98.0
43 28.6 23.1 34.7





#3

Pyridine

Concen: 10.590 ng

RT: 3.625 min Scan# 117

Delta R.T. 0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

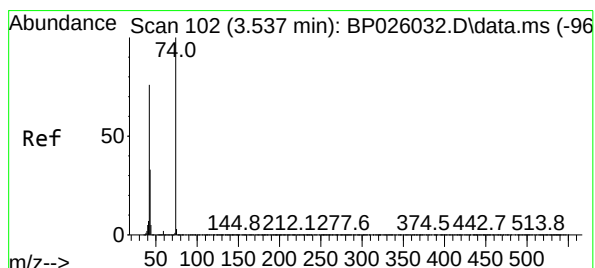
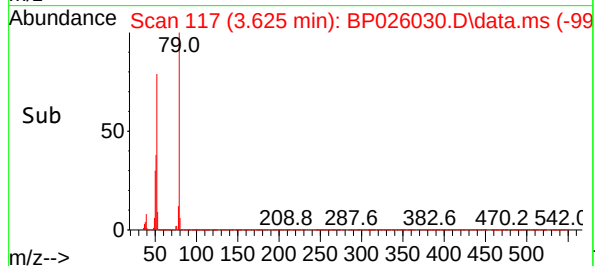
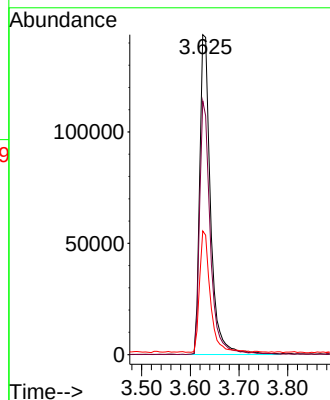
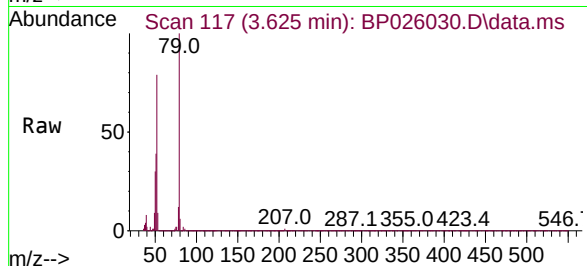
Tgt Ion:	79	Resp:	222154
Ion	Ratio	Lower	Upper
79	100		
52	79.3	62.0	93.0
51	38.6	30.6	46.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#4

n-Nitrosodimethylamine

Concen: 10.330 ng

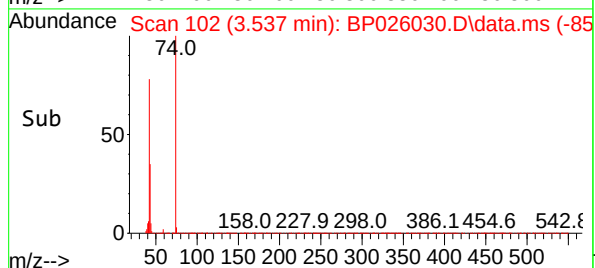
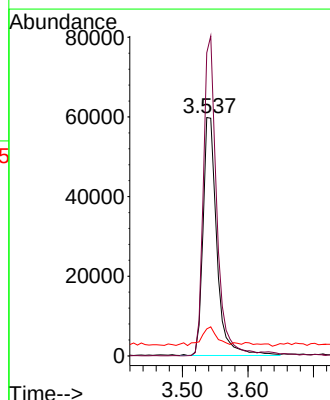
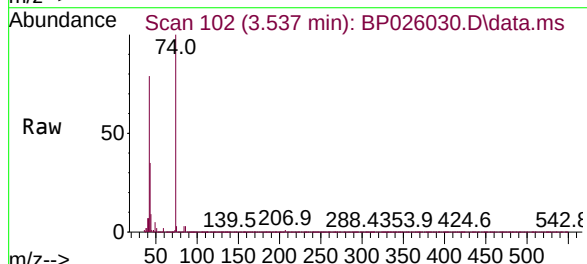
RT: 3.537 min Scan# 102

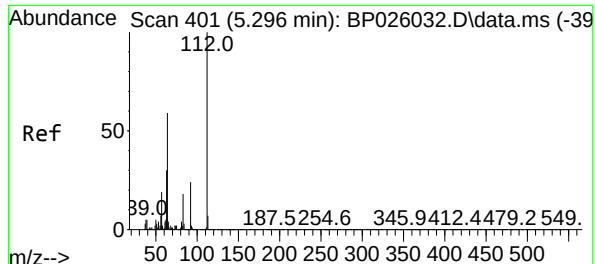
Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

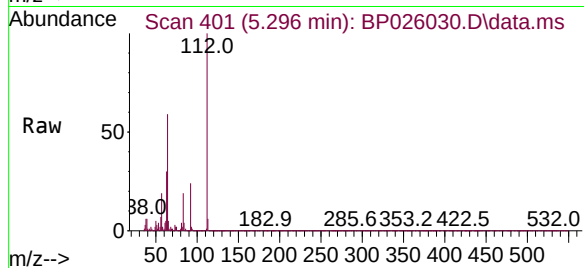
Tgt Ion:	42	Resp:	86859
Ion	Ratio	Lower	Upper
42	100		
74	127.2	105.7	158.5
44	11.3	6.6	9.8





#5
2-Fluorophenol
Concen: 20.712 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

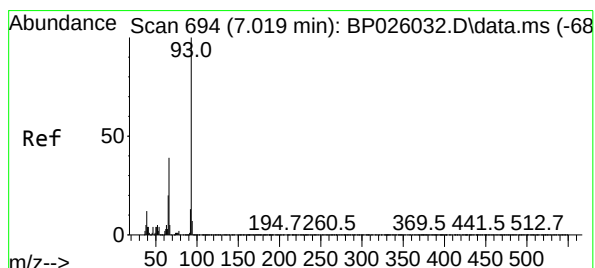
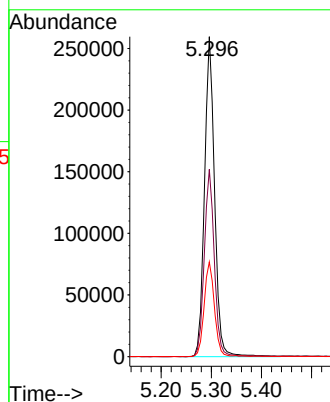
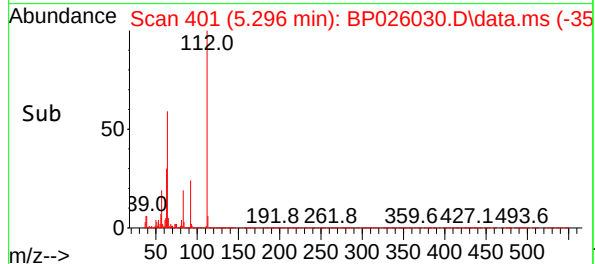
Instrument :
BNA_P
Client Sample Id :
SSTDICC010



Tgt Ion: 112 Resp: 362572
Ion Ratio Lower Upper
112 100
64 58.5 47.4 71.2
63 29.6 24.2 36.4

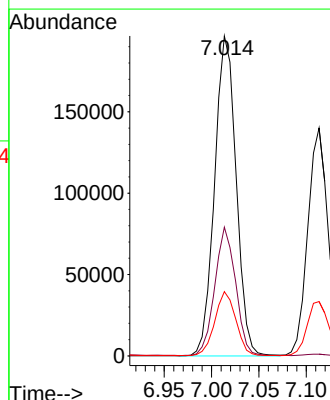
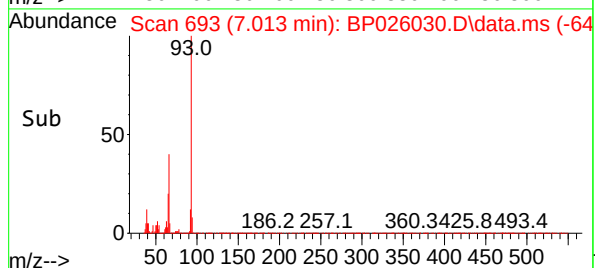
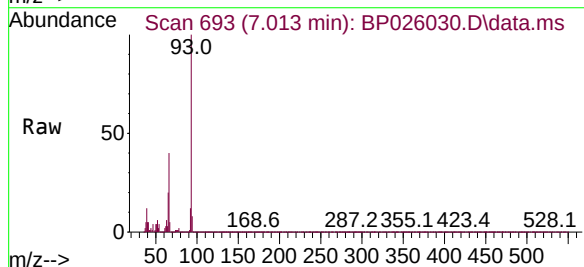
Manual Integrations
APPROVED

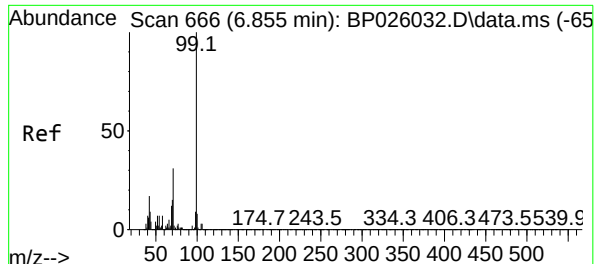
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#6
Aniline
Concen: 10.476 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

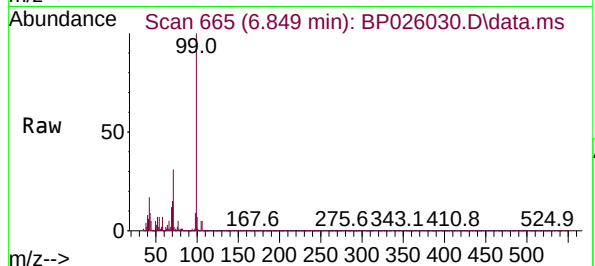
Tgt Ion: 93 Resp: 311508
Ion Ratio Lower Upper
93 100
66 40.2 31.2 46.8
65 20.1 16.1 24.1





#7
Phenol-d6
Concen: 20.484 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

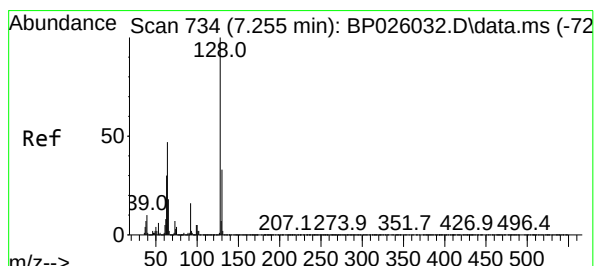
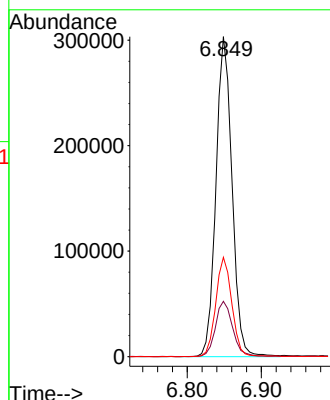
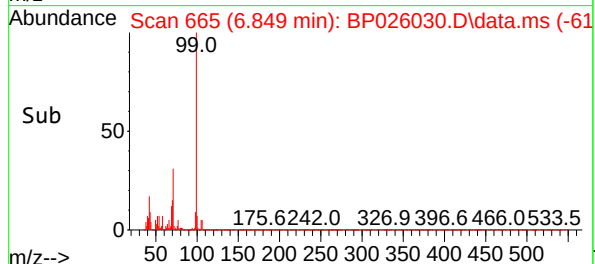
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 99 Resp: 456392
Ion Ratio Lower Upper
99 100
42 17.3 13.7 20.5
71 31.1 24.4 36.6

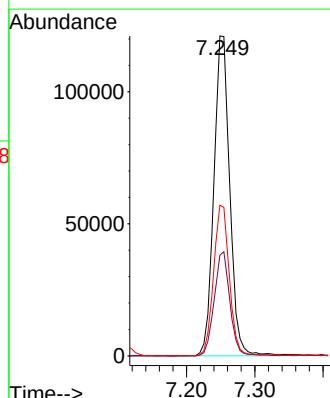
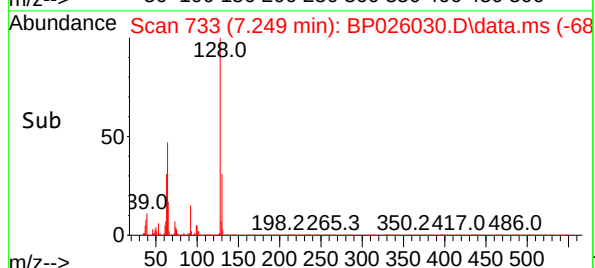
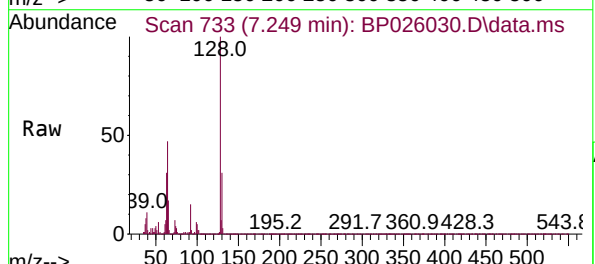
Manual Integrations
APPROVED

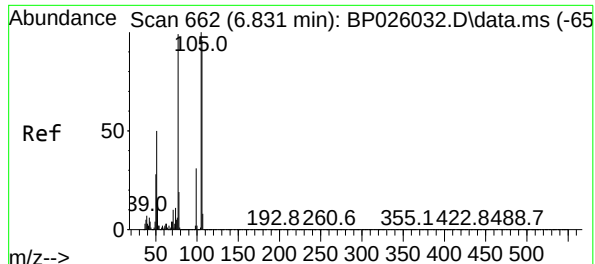
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#8
2-Chlorophenol
Concen: 10.086 ng
RT: 7.249 min Scan# 733
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

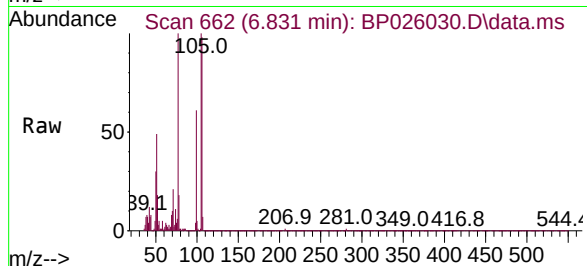
Tgt Ion:128 Resp: 195513
Ion Ratio Lower Upper
128 100
130 31.5 12.7 52.7
64 47.1 27.4 67.4





#9
Benzaldehyde
Concen: 10.666 ng m
RT: 6.831 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

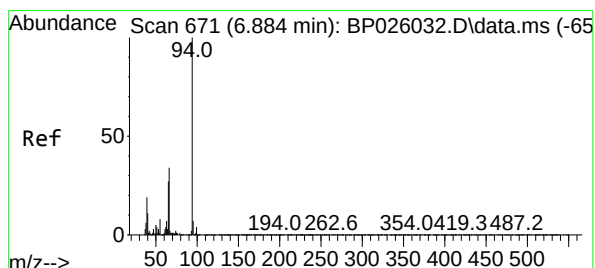
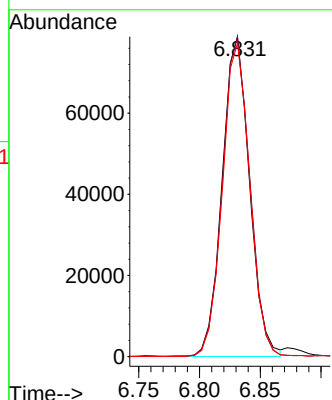
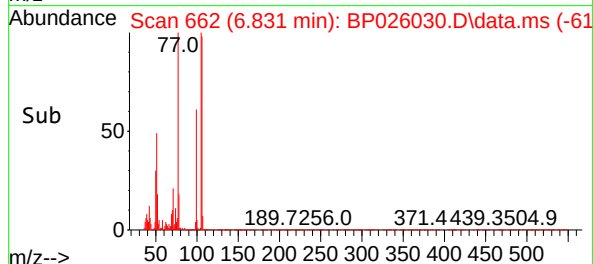
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 123534
Ion Ratio Lower Upper
77 100
105 100.0 80.7 120.7
106 98.0 76.5 116.5

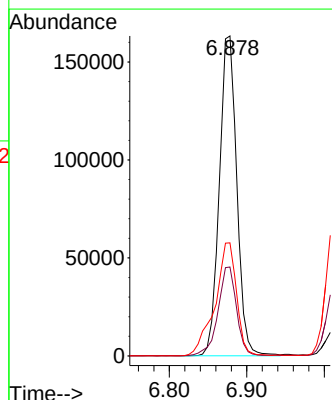
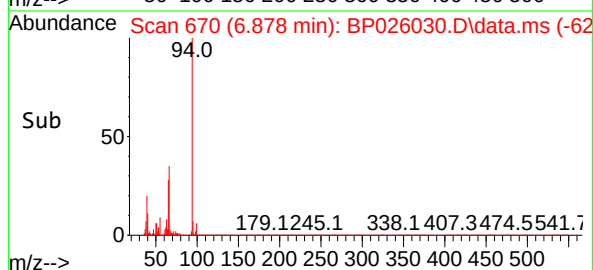
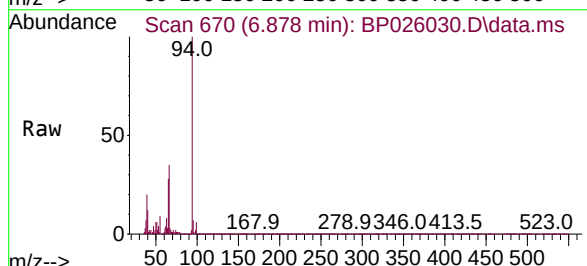
Manual Integrations
APPROVED

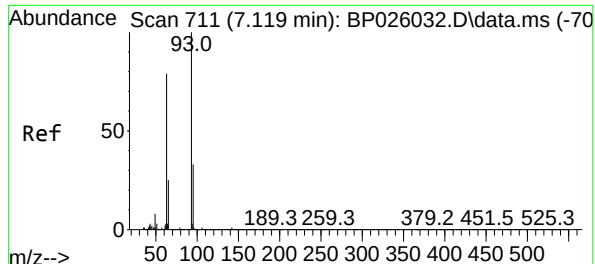
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#10
Phenol
Concen: 10.340 ng
RT: 6.878 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 94 Resp: 255762
Ion Ratio Lower Upper
94 100
65 27.8 7.1 47.1
66 35.3 14.4 54.4





#11

bis(2-Chloroethyl)ether

Concen: 10.612 ng

RT: 7.114 min Scan# 710

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 93 Resp: 207158

Ion Ratio Lower Upper

93 100

63 80.5 59.1 99.1

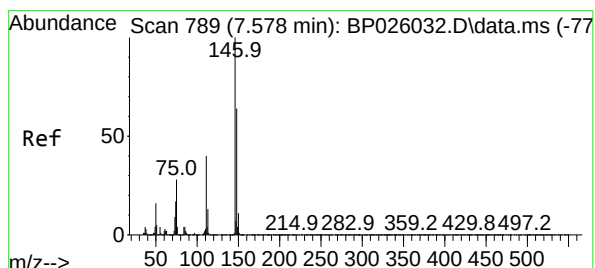
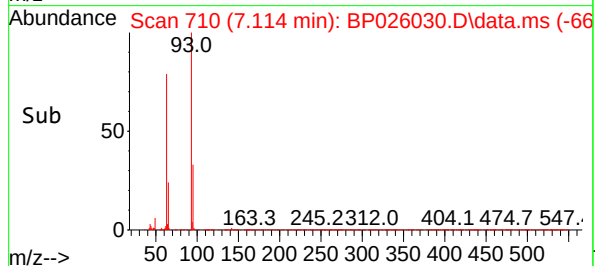
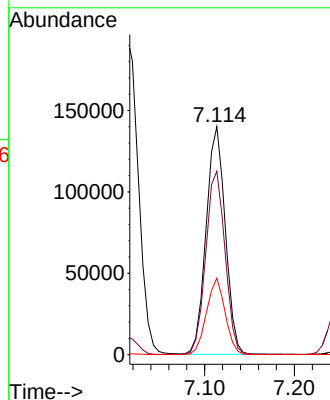
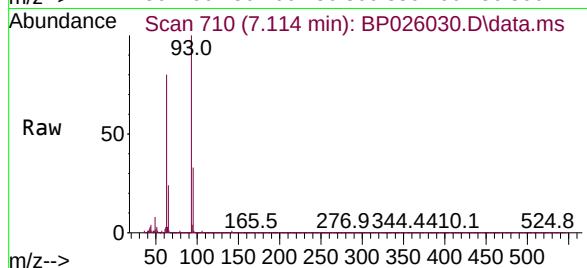
95 33.5 12.6 52.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#12

1,3-Dichlorobenzene

Concen: 10.771 ng

RT: 7.578 min Scan# 789

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

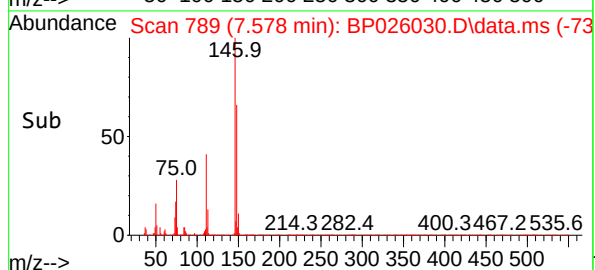
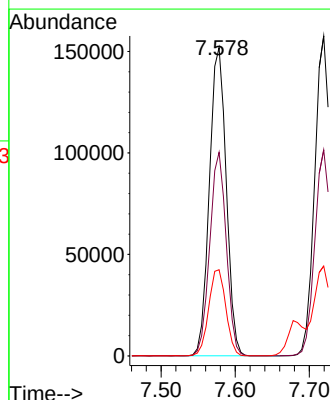
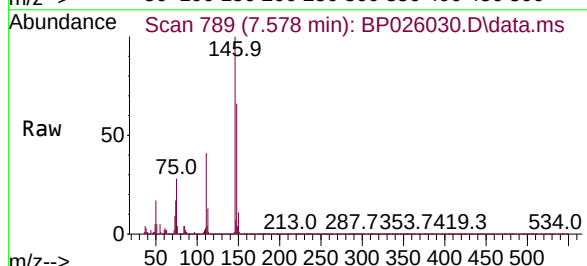
Tgt Ion:146 Resp: 239783

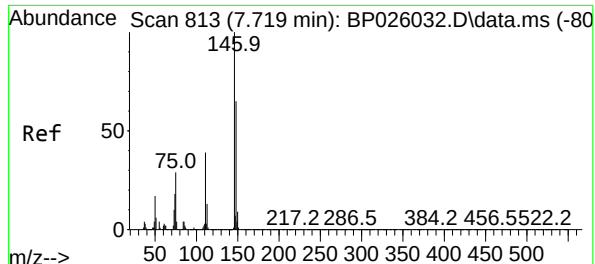
Ion Ratio Lower Upper

146 100

148 66.0 51.6 77.4

75 28.0 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 10.787 ng

RT: 7.719 min Scan# 813

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 242788

Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

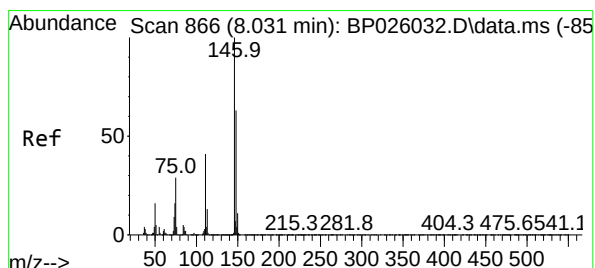
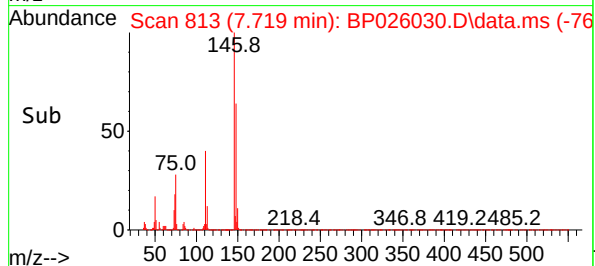
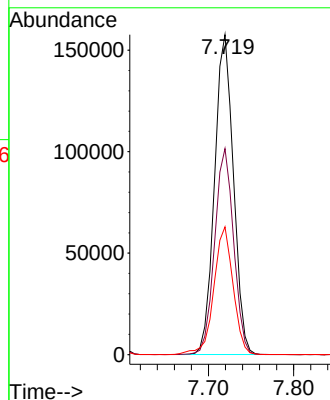
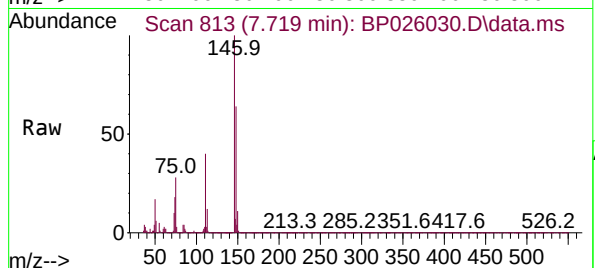
111 39.9 31.3 46.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#14

1,2-Dichlorobenzene

Concen: 10.729 ng

RT: 8.031 min Scan# 866

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

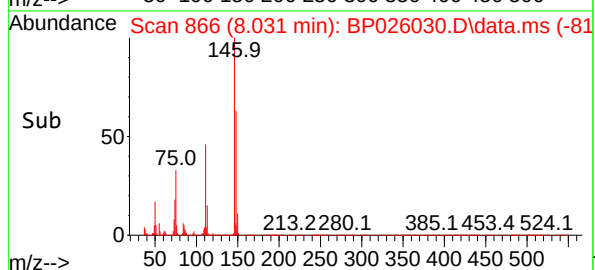
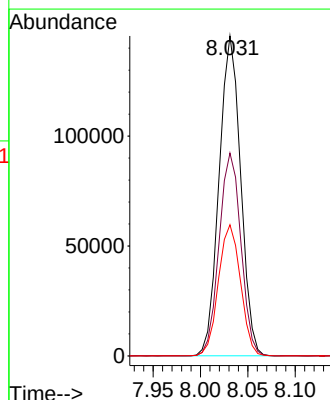
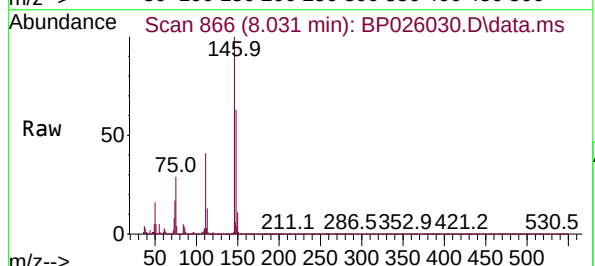
Tgt Ion:146 Resp: 230430

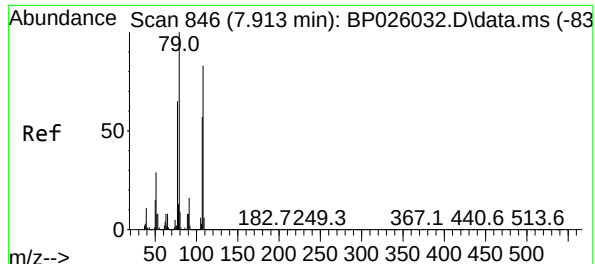
Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

111 41.0 33.0 49.4





#15

Benzyl Alcohol

Concen: 9.618 ng

RT: 7.908 min Scan# 846

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 15449

Ion Ratio Lower Upper

79 100

108 81.9 66.0 99.0

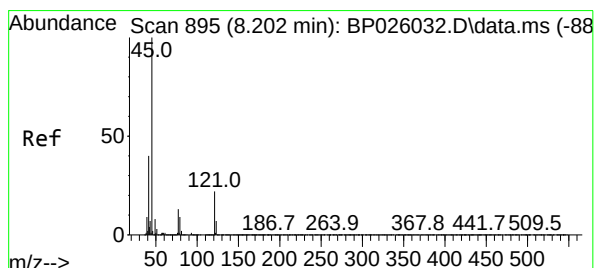
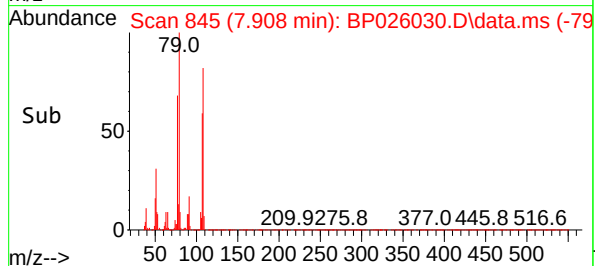
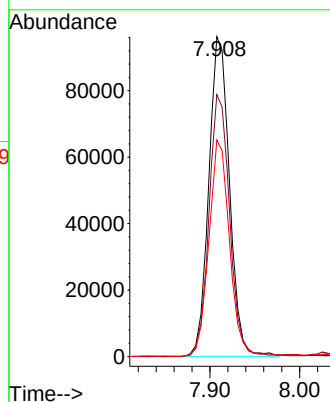
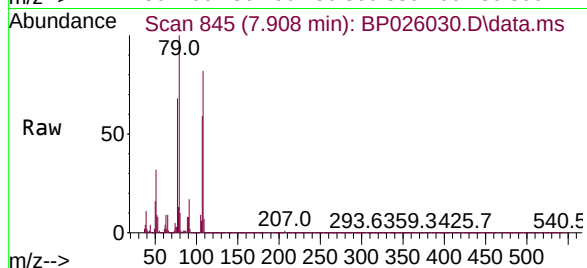
77 67.7 52.3 78.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.818 ng

RT: 8.202 min Scan# 895

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

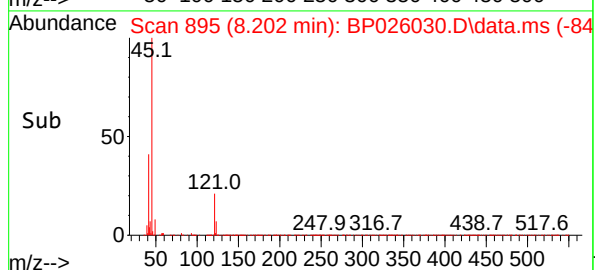
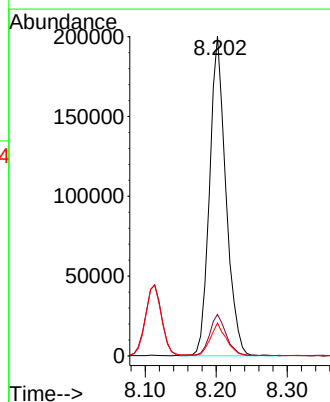
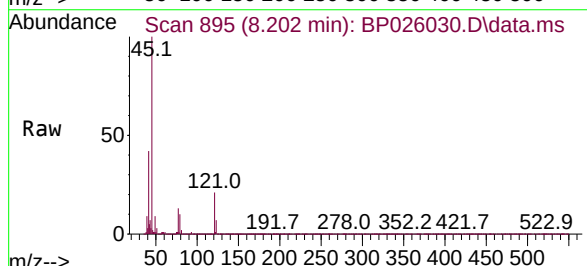
Tgt Ion: 45 Resp: 319172

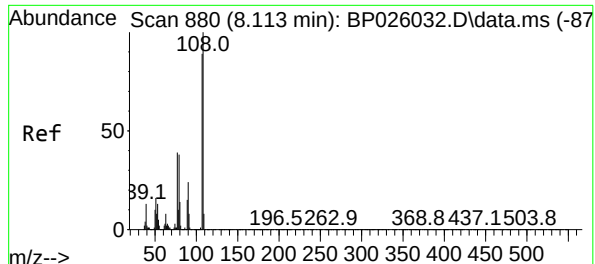
Ion Ratio Lower Upper

45 100

77 13.0 0.0 33.2

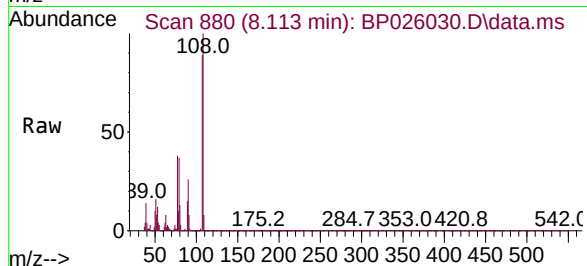
79 10.3 0.0 29.5





#17
2-Methylphenol
Concen: 10.068 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

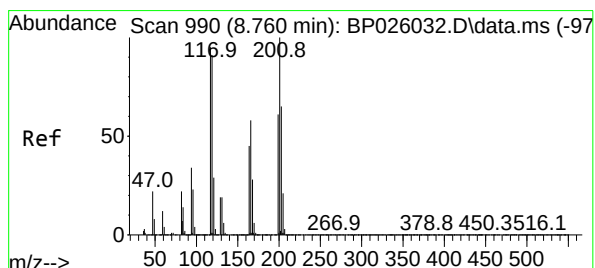
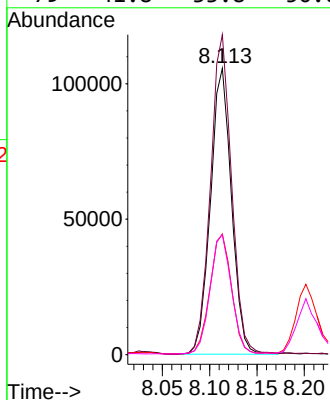
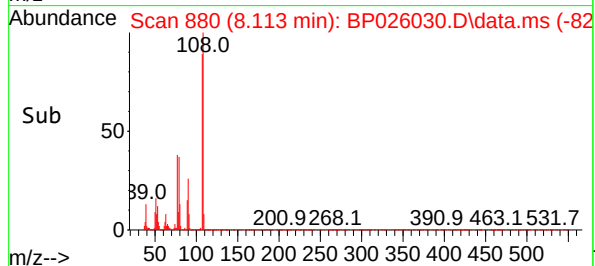
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:107 Resp: 163076
Ion Ratio Lower Upper
107 100
108 111.7 89.8 134.8
77 42.2 34.8 52.2
79 41.8 33.8 50.6

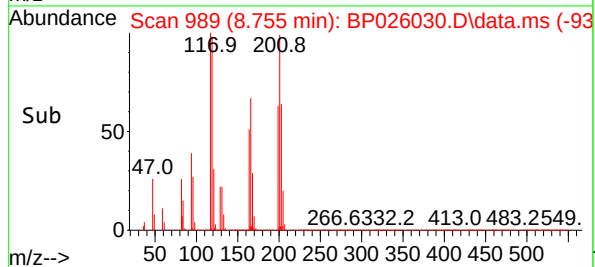
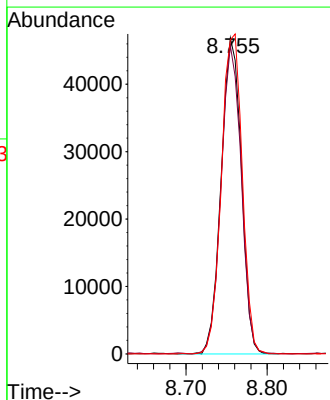
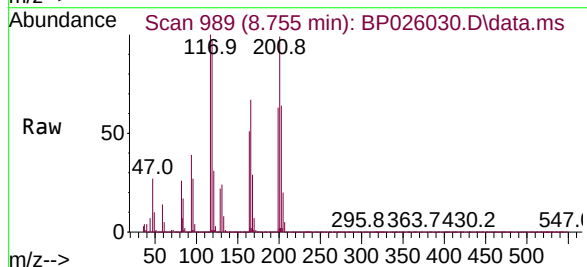
Manual Integrations
APPROVED

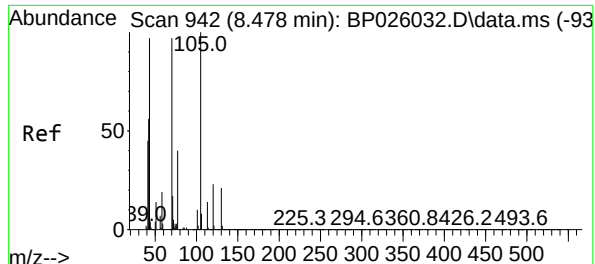
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#18
Hexachloroethane
Concen: 10.537 ng
RT: 8.755 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:117 Resp: 81158
Ion Ratio Lower Upper
117 100
119 97.5 76.5 114.7
201 99.3 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 10.582 ng

RT: 8.472 min Scan# 94

Delta R.T. -0.017 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 146354

Ion Ratio Lower Upper

70 100

42 60.0 47.2 70.8

101 9.8 8.2 12.2

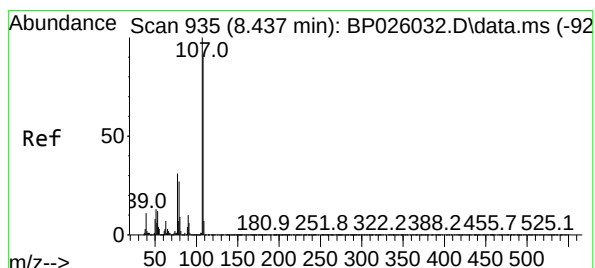
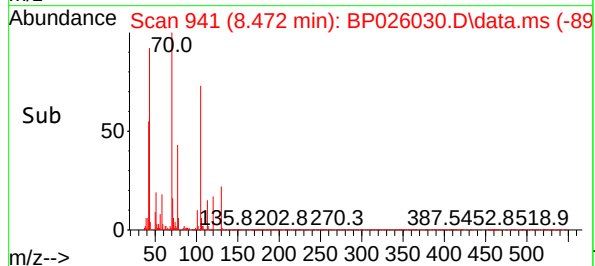
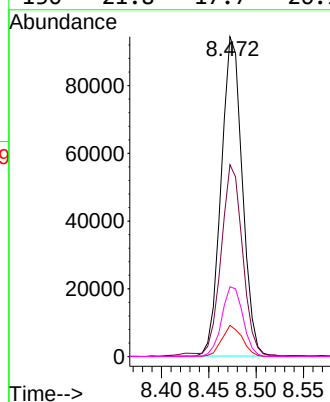
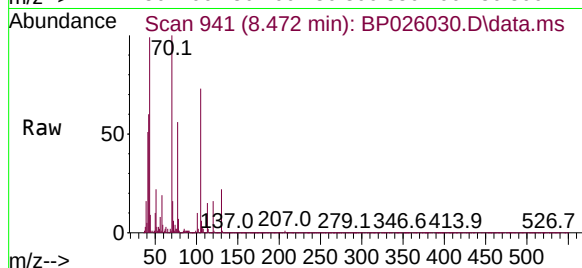
130 21.8 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#20

3+4-Methylphenols

Concen: 9.746 ng

RT: 8.431 min Scan# 934

Delta R.T. -0.011 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Tgt Ion:107 Resp: 219610

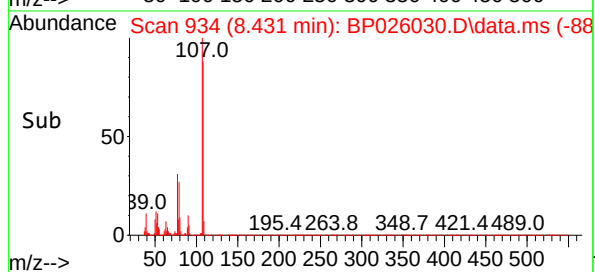
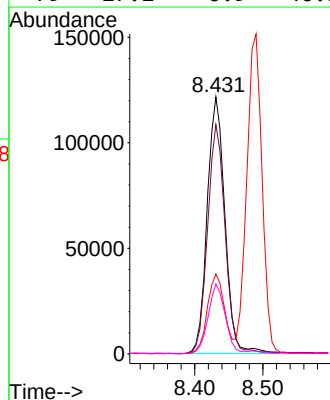
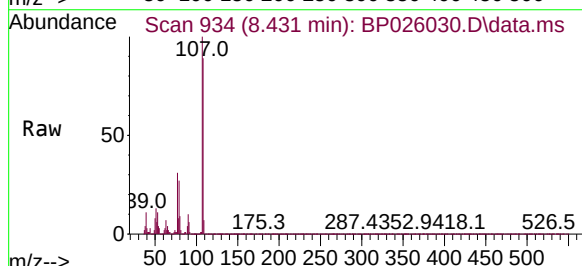
Ion Ratio Lower Upper

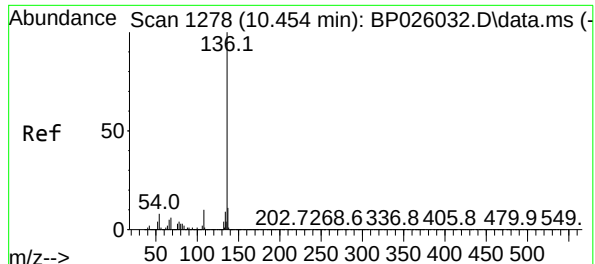
107 100

108 89.2 70.1 110.1

77 31.0 10.7 50.7

79 27.2 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.449 min Scan# 1277

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 1158283

Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.6 6.6 10.0

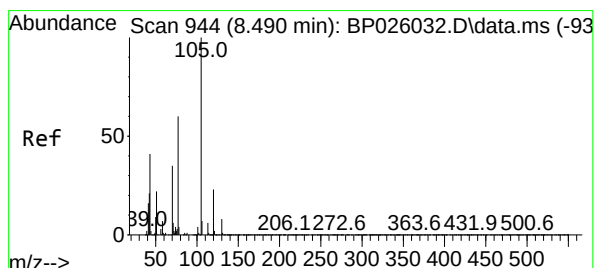
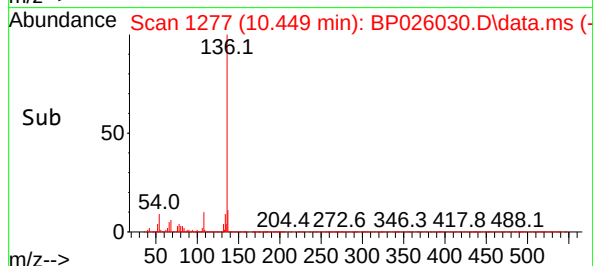
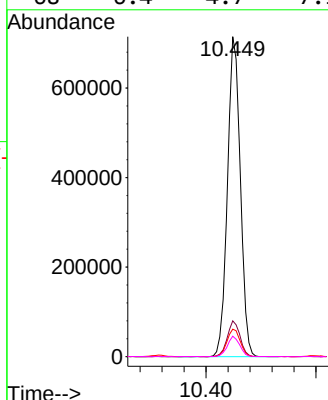
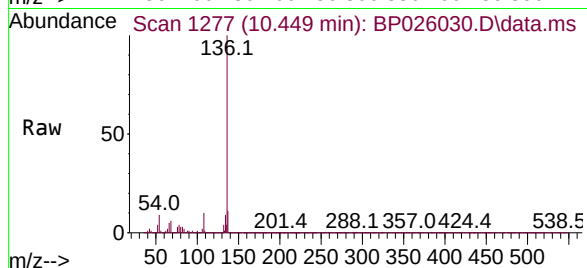
68 6.4 4.7 7.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#22

Acetophenone

Concen: 10.842 ng

RT: 8.490 min Scan# 944

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Tgt Ion:105 Resp: 317614

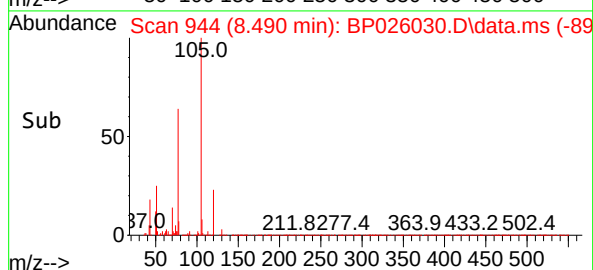
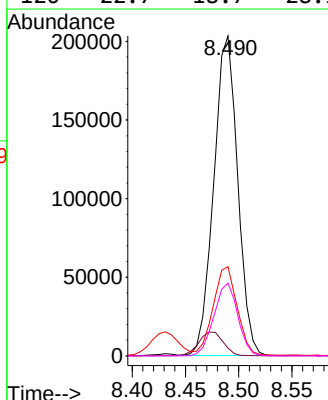
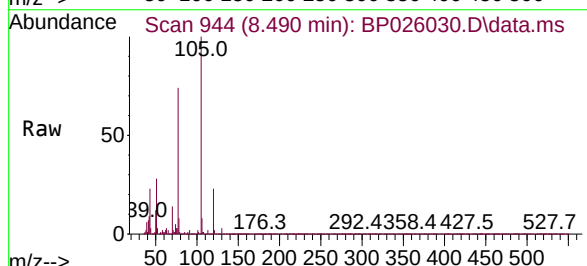
Ion Ratio Lower Upper

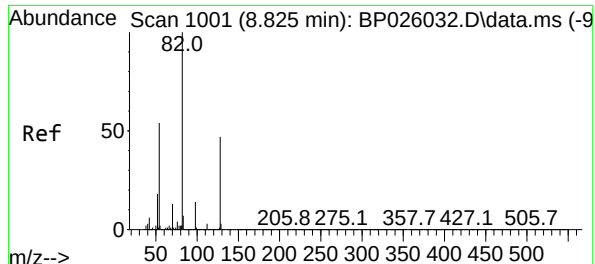
105 100

71 2.5 4.7 7.1#

51 27.9 21.8 32.8

120 22.7 18.7 28.1





#23

Nitrobenzene-d5

Concen: 19.781 ng

RT: 8.819 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 367535

Ion Ratio Lower Upper

82 100

128 44.2 37.4 56.0

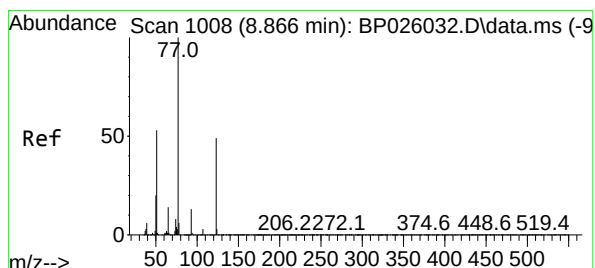
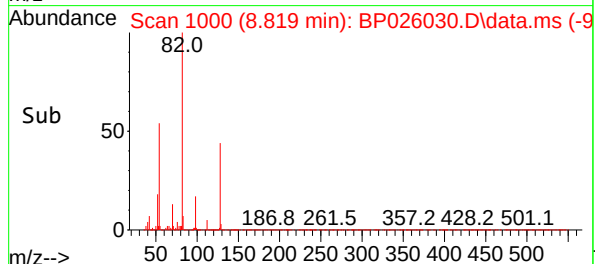
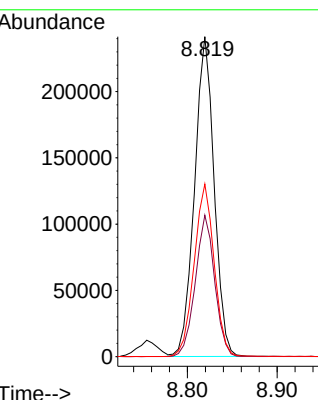
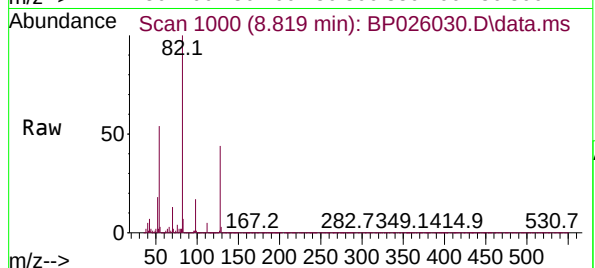
54 53.9 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#24

Nitrobenzene

Concen: 10.199 ng

RT: 8.860 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

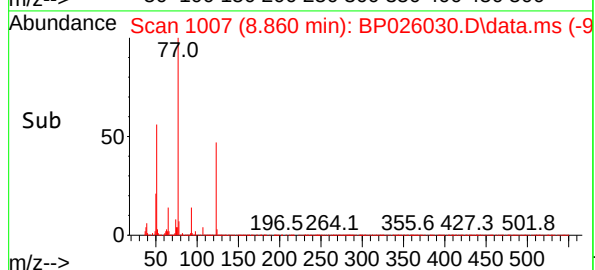
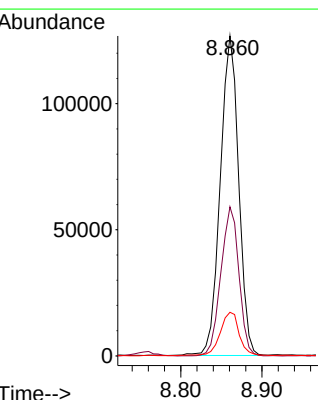
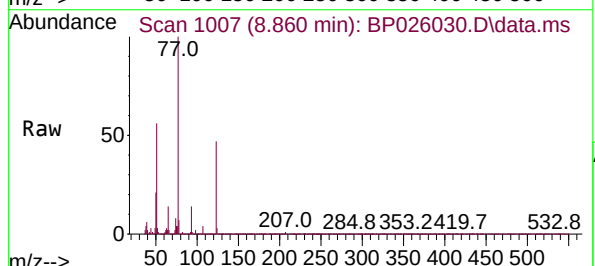
Tgt Ion: 77 Resp: 200078

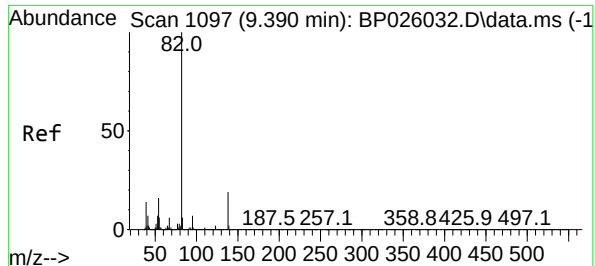
Ion Ratio Lower Upper

77 100

123 46.6 39.0 58.4

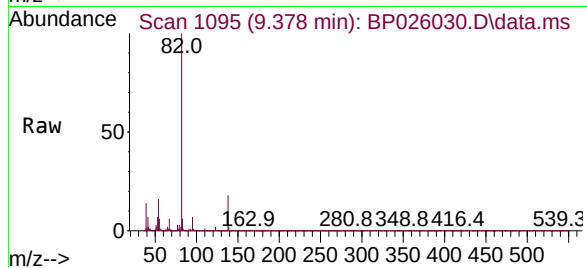
65 13.6 10.9 16.3





#25
Isophorone
Concen: 10.506 ng
RT: 9.378 min Scan# 1095
Delta R.T. -0.011 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

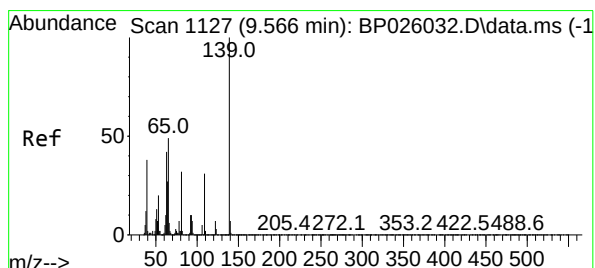
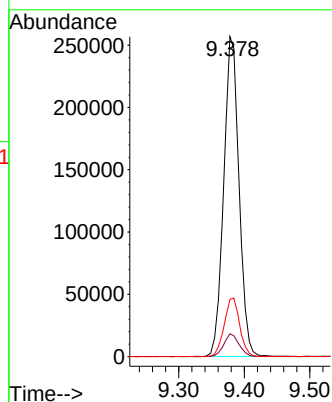
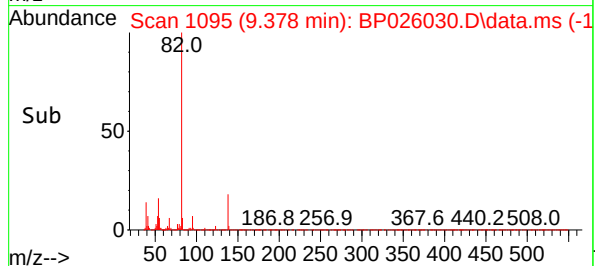
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 41783
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 17.9 15.0 22.6

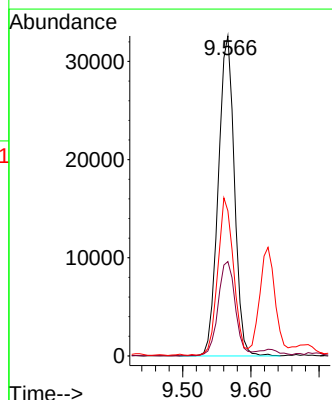
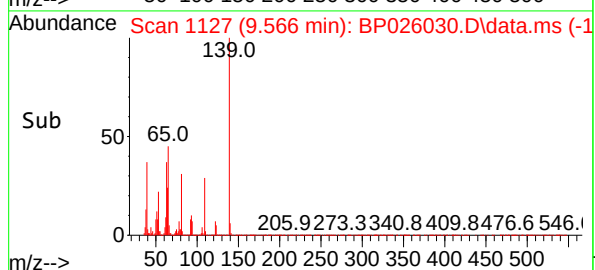
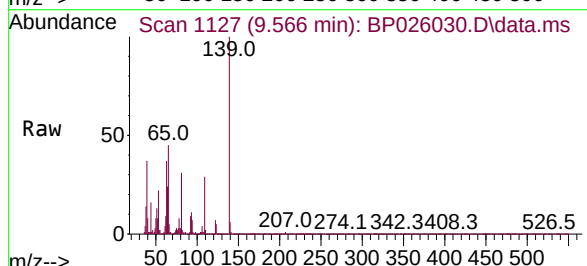
Manual Integrations
APPROVED

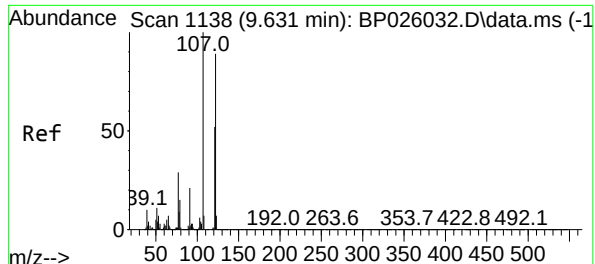
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#26
2-Nitrophenol
Concen: 9.634 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:139 Resp: 53200
Ion Ratio Lower Upper
139 100
109 29.5 24.8 37.2
65 45.3 39.0 58.4





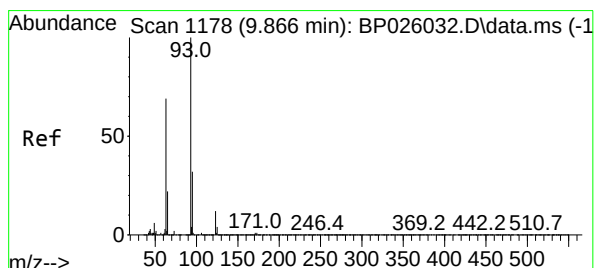
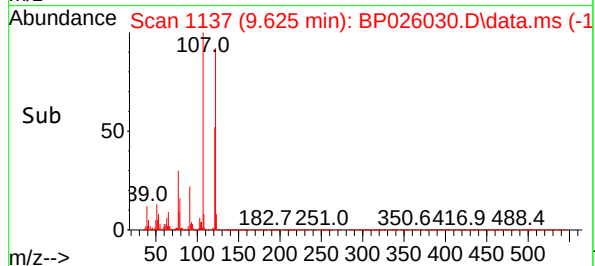
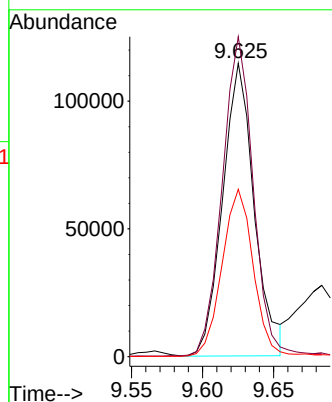
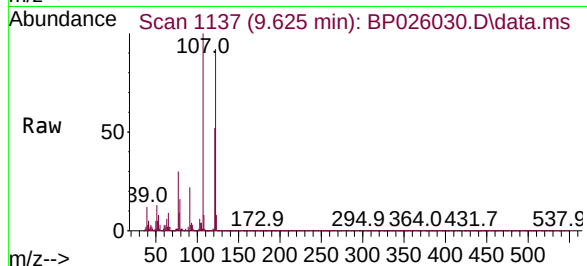
#27
2,4-Dimethylphenol
Concen: 10.585 ng
RT: 9.625 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 17702
Ion Ratio Lower Upper
122 100
107 109.1 89.2 133.8
121 57.0 46.3 69.5

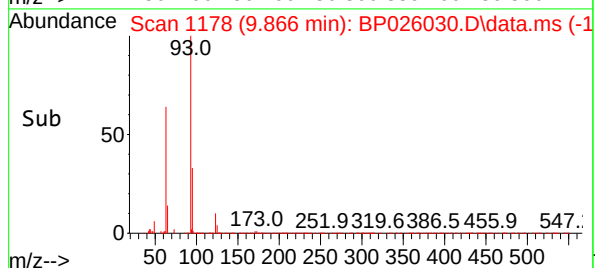
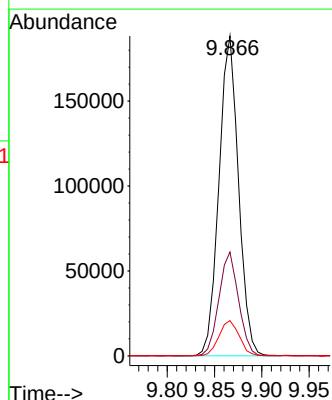
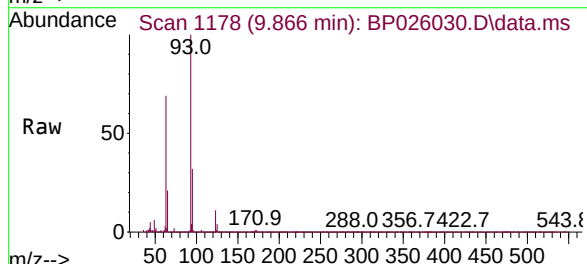
Manual Integrations
APPROVED

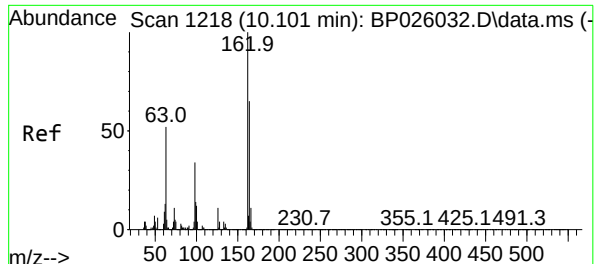
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#28
bis(2-Chloroethoxy)methane
Concen: 10.772 ng
RT: 9.866 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 93 Resp: 269975
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.6
123 11.0 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 9.911 ng

RT: 10.096 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 175015

Ion Ratio Lower Upper

162 100

164 64.5 44.6 84.6

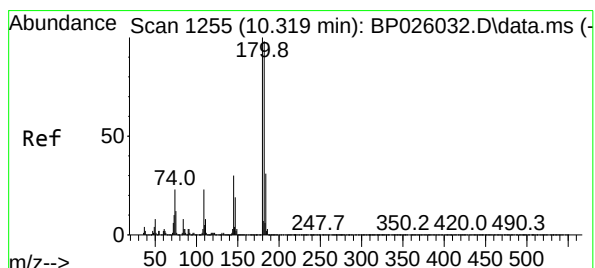
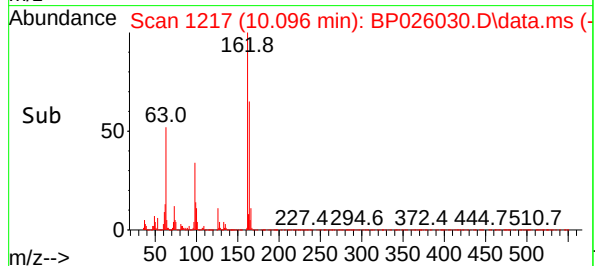
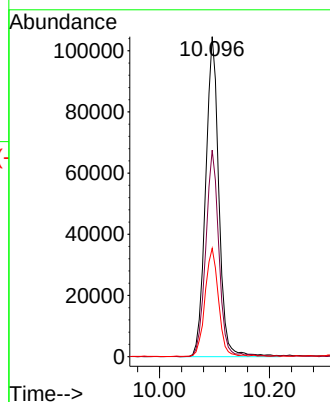
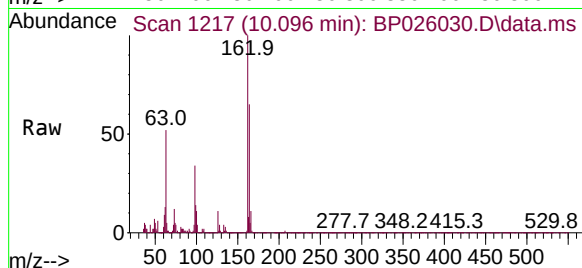
98 33.8 14.0 54.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 10.893 ng

RT: 10.313 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

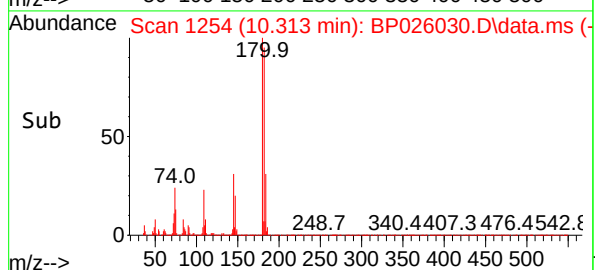
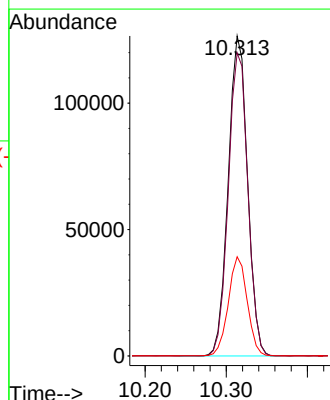
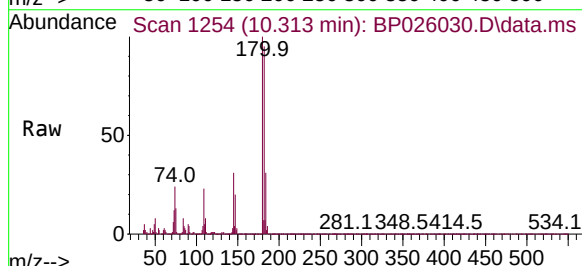
Tgt Ion:180 Resp: 209064

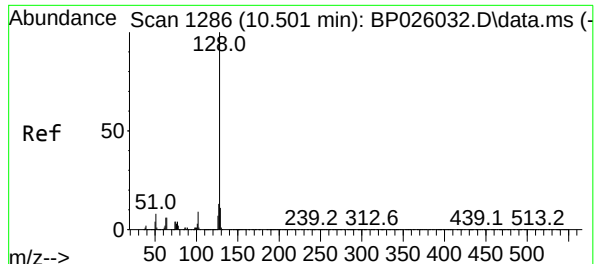
Ion Ratio Lower Upper

180 100

182 94.7 78.6 117.8

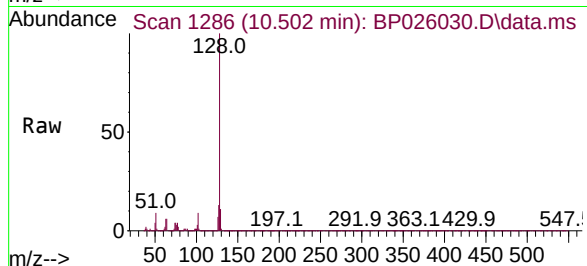
145 31.0 24.2 36.4





#31
Naphthalene
Concen: 10.833 ng
RT: 10.502 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

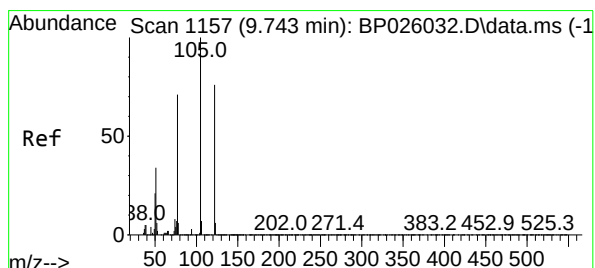
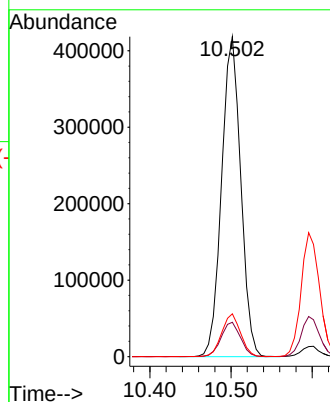
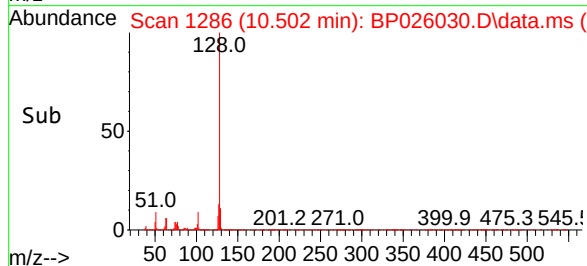
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:128 Resp: 684226
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.4 10.5 15.7

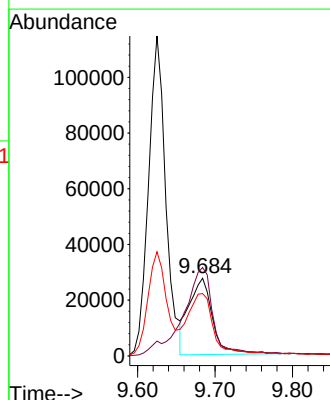
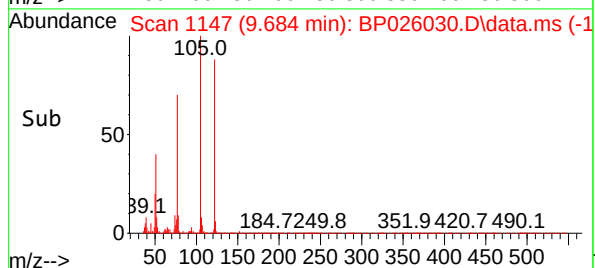
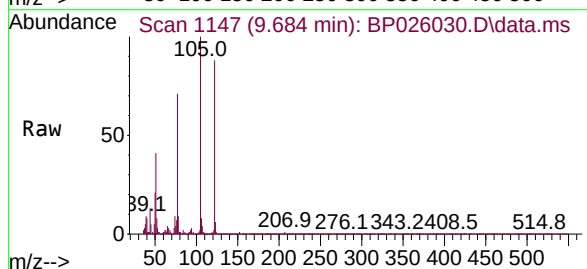
Manual Integrations
APPROVED

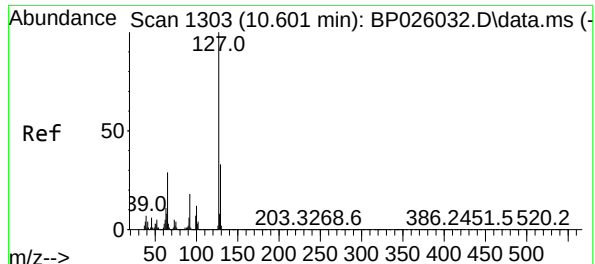
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#32
Benzoic acid
Concen: 10.150 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.094 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

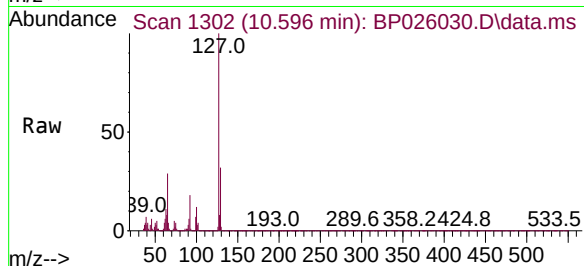
Tgt Ion:122 Resp: 58000
Ion Ratio Lower Upper
122 100
105 113.7 104.8 144.8
77 80.2 70.9 110.9





#33
4-Chloroaniline
Concen: 10.507 ng
RT: 10.596 min Scan# 1302
Delta R.T. 0.001 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

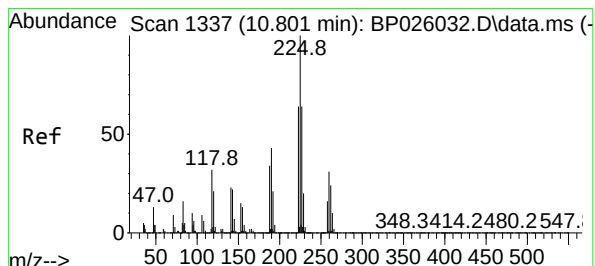
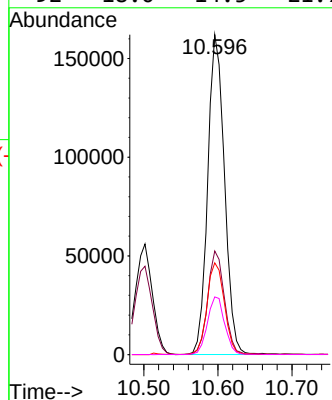
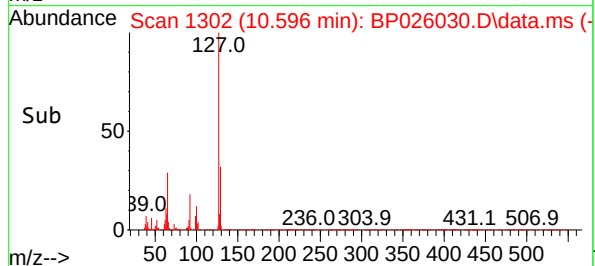
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:127 Resp: 255029
Ion Ratio Lower Upper
127 100
129 32.4 26.0 39.0
65 28.7 23.2 34.8
92 18.0 14.5 21.7

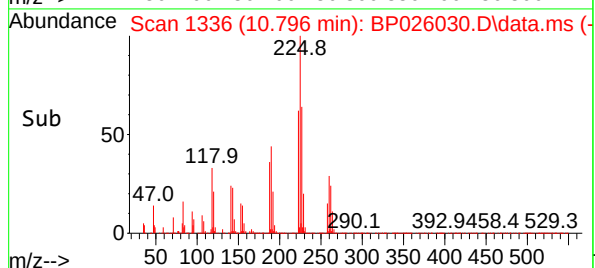
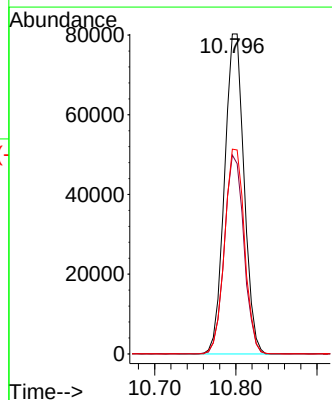
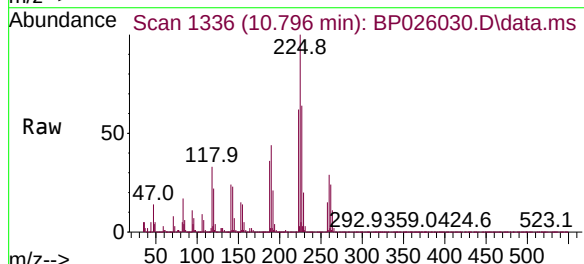
Manual Integrations
APPROVED

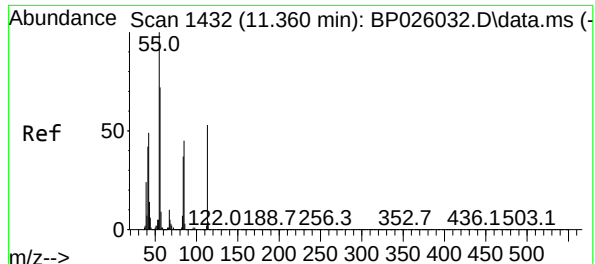
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#34
Hexachlorobutadiene
Concen: 10.977 ng
RT: 10.796 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:225 Resp: 133883
Ion Ratio Lower Upper
225 100
223 62.1 50.9 76.3
227 64.0 51.0 76.4





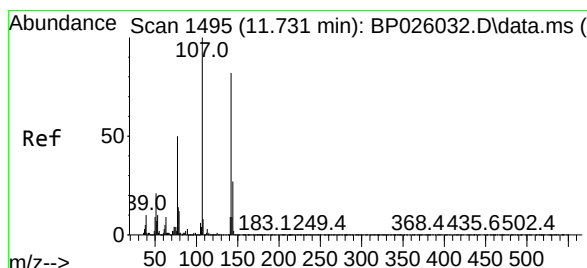
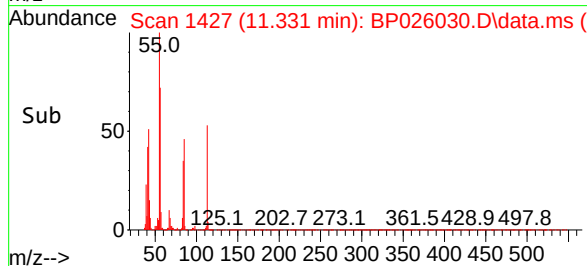
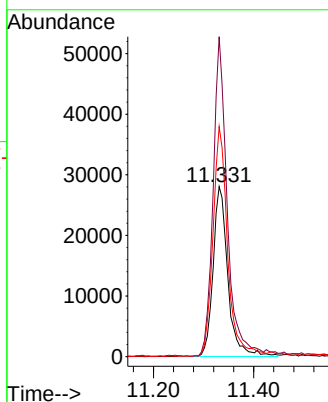
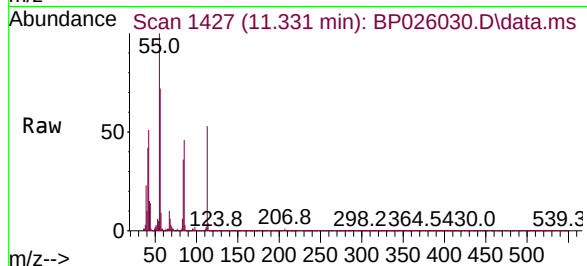
#35
Caprolactam
Concen: 9.290 ng
RT: 11.331 min Scan# 1432
Delta R.T. -0.053 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 57604
Ion Ratio Lower Upper
113 100
55 188.3 169.9 209.9
56 135.3 116.7 156.7

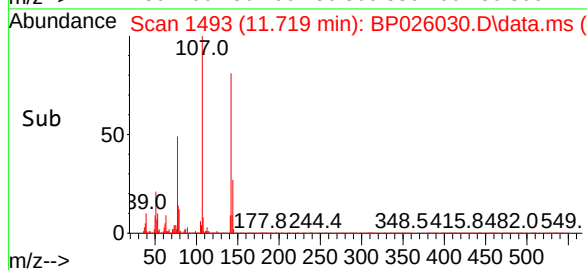
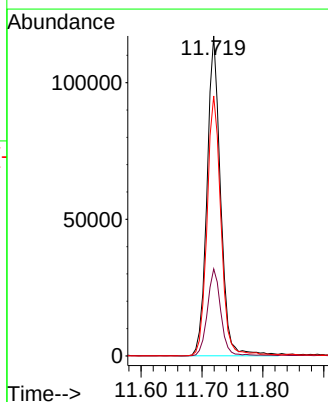
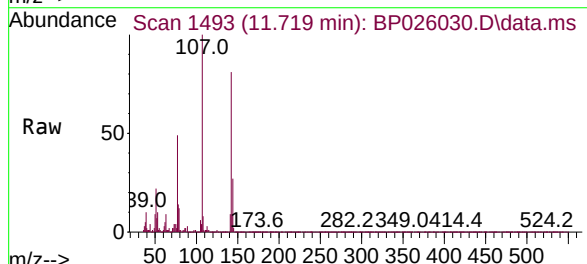
Manual Integrations
APPROVED

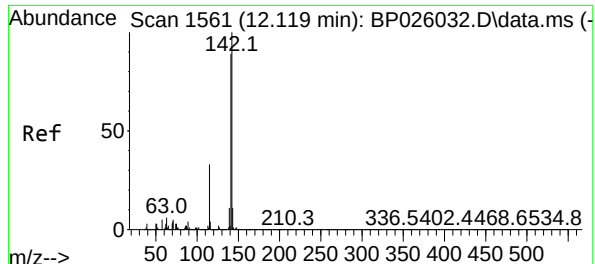
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#36
4-Chloro-3-methylphenol
Concen: 9.808 ng
RT: 11.719 min Scan# 1493
Delta R.T. -0.011 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

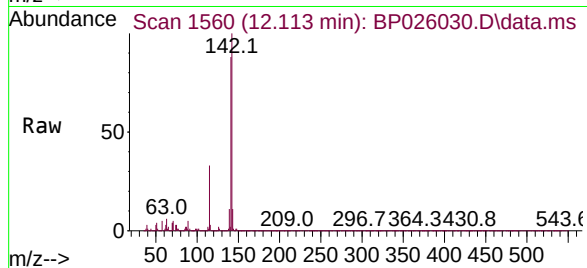
Tgt Ion:107 Resp: 181561
Ion Ratio Lower Upper
107 100
144 27.2 21.3 31.9
142 81.2 65.2 97.8





#37
2-Methylnaphthalene
Concen: 10.783 ng
RT: 12.113 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

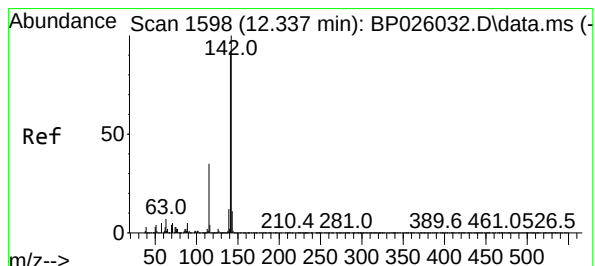
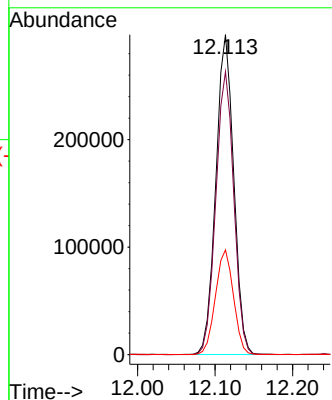
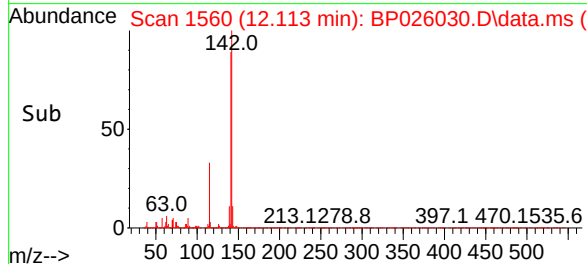
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



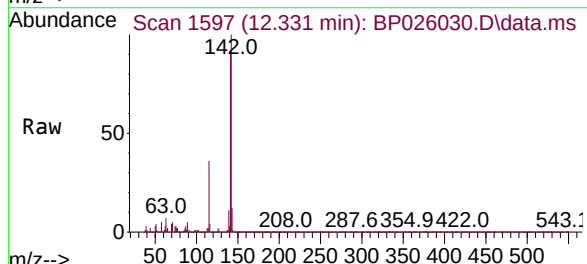
Tgt Ion:142 Resp: 476697
Ion Ratio Lower Upper
142 100
141 88.4 71.6 107.4
115 32.8 26.6 39.8

Manual Integrations
APPROVED

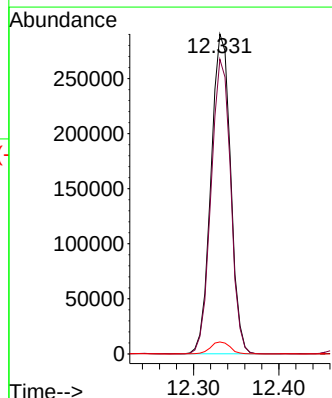
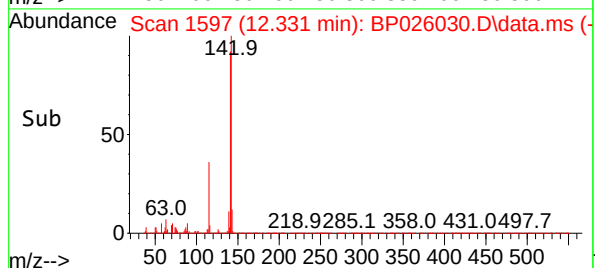
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

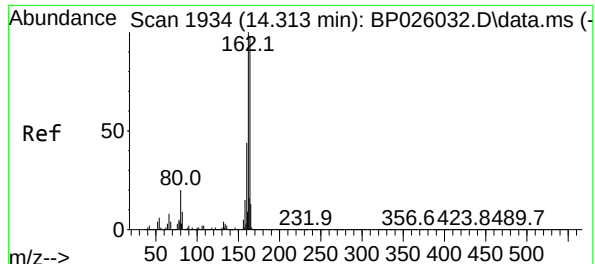


#38
1-Methylnaphthalene
Concen: 10.801 ng
RT: 12.331 min Scan# 1597
Delta R.T. -0.005 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48



Tgt Ion:142 Resp: 463905
Ion Ratio Lower Upper
142 100
141 92.1 72.7 109.1
116 3.7 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 734566

Ion Ratio Lower Upper

164 100

162 101.9 81.5 122.3

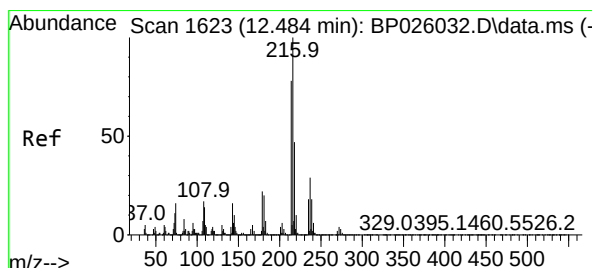
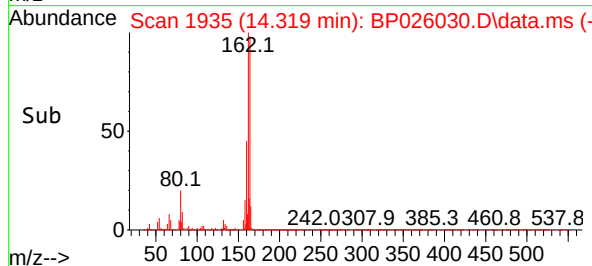
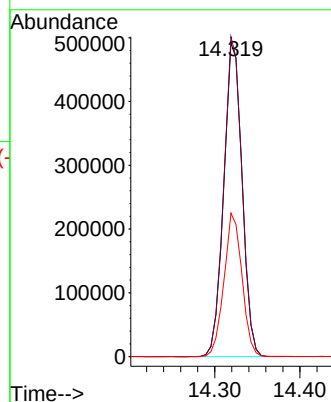
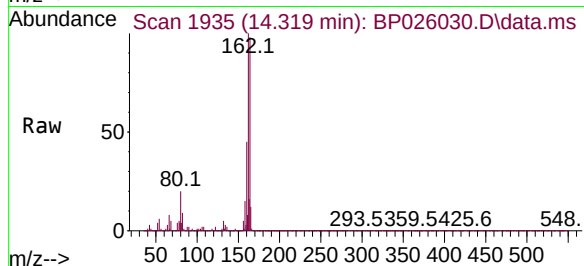
160 45.7 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.776 ng

RT: 12.484 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Tgt Ion:216 Resp: 245958

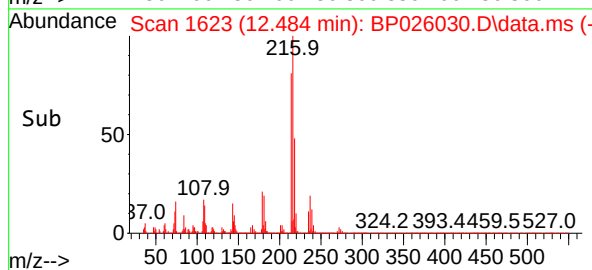
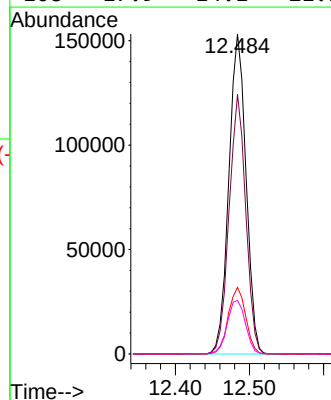
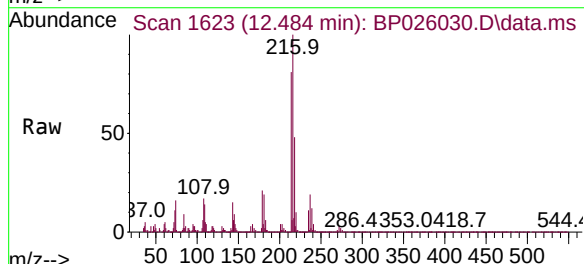
Ion Ratio Lower Upper

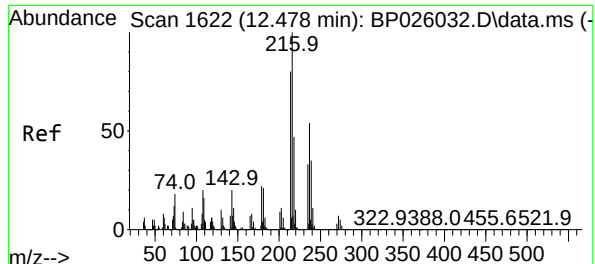
216 100

214 78.6 62.9 94.3

179 21.1 16.9 25.3

108 17.9 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 8.806 ng

RT: 12.472 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:237 Resp: 73538

Ion Ratio Lower Upper

237 100

235 64.1 40.4 80.4

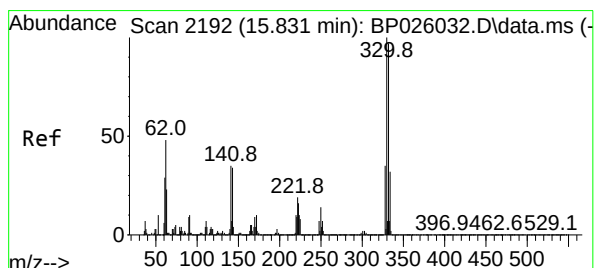
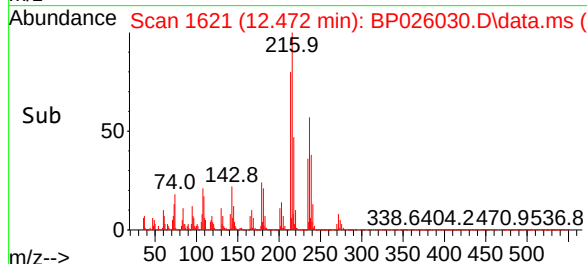
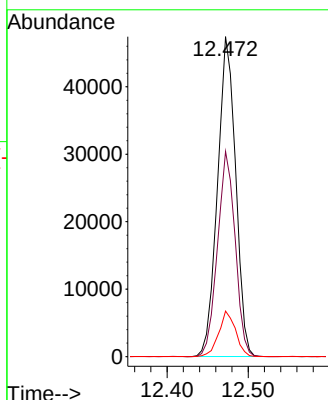
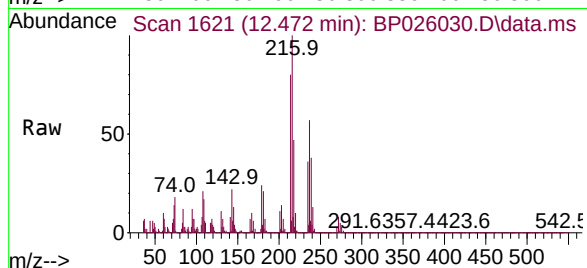
272 14.2 0.0 32.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#42

2,4,6-Tribromophenol

Concen: 19.502 ng

RT: 15.831 min Scan# 2192

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

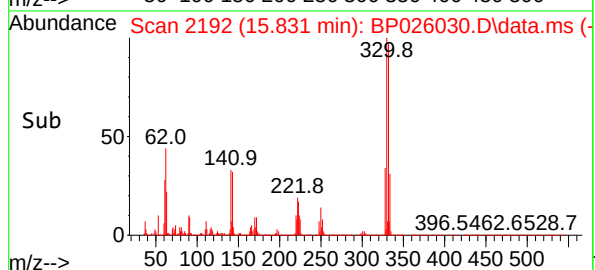
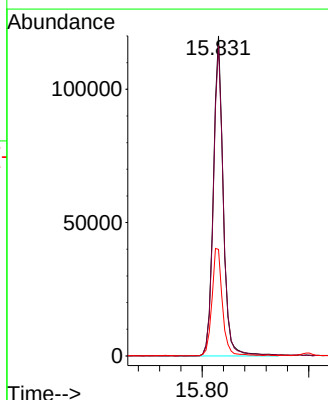
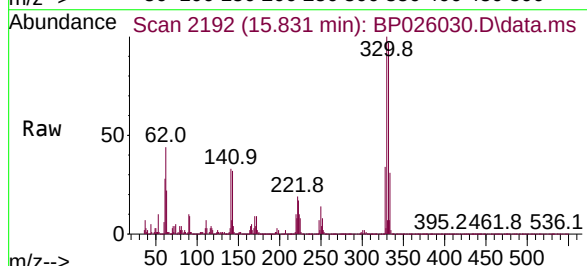
Tgt Ion:330 Resp: 154869

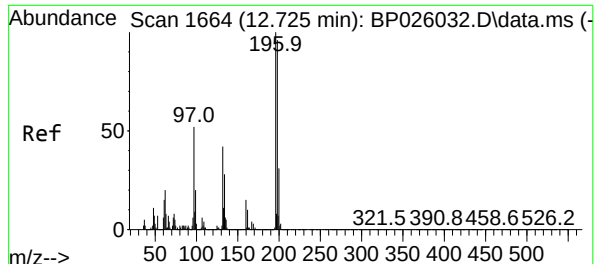
Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

141 35.8 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 9.317 ng

RT: 12.719 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:196 Resp: 125693

Ion Ratio Lower Upper

196 100

198 94.6 76.5 114.7

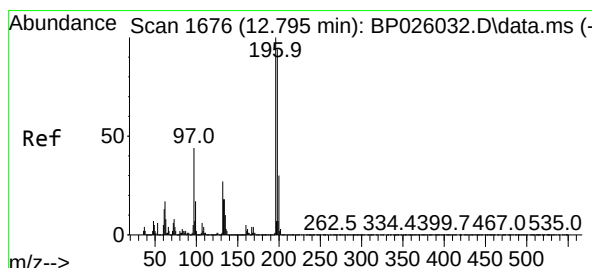
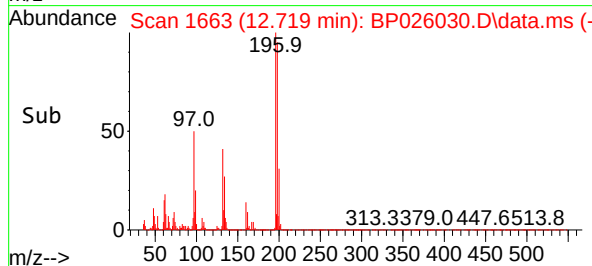
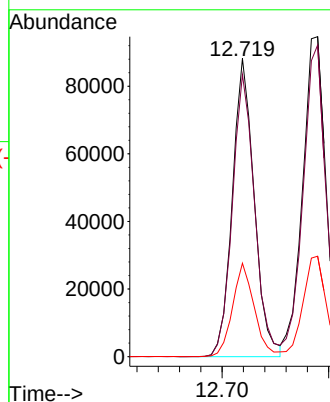
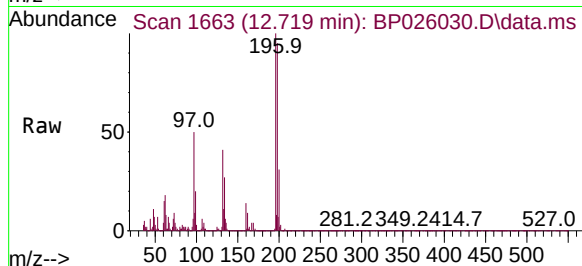
200 31.3 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#44

2,4,5-Trichlorophenol

Concen: 9.868 ng

RT: 12.790 min Scan# 1675

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Tgt Ion:196 Resp: 151902

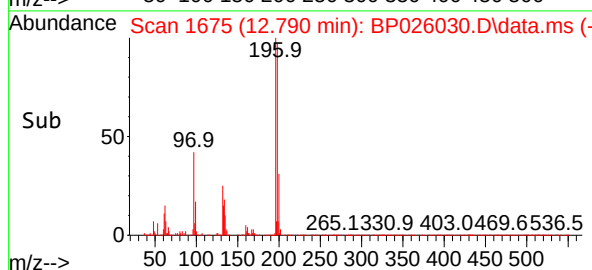
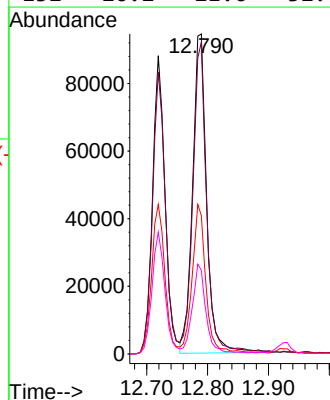
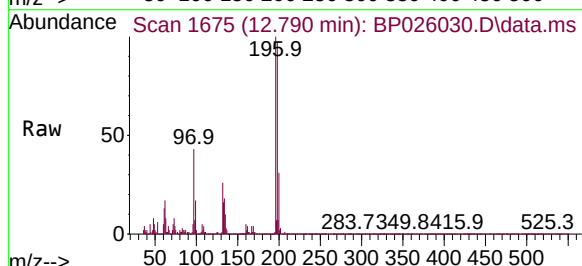
Ion Ratio Lower Upper

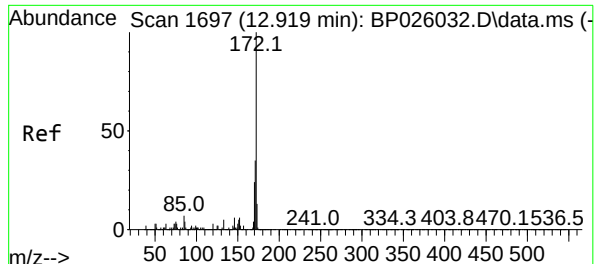
196 100

198 97.4 75.1 112.7

97 43.3 35.5 53.3

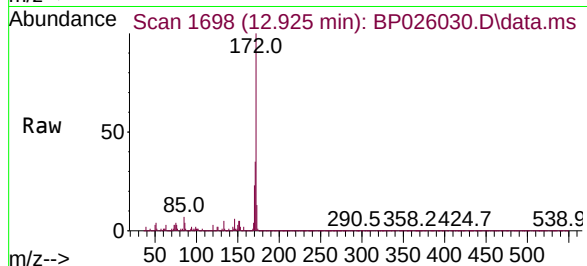
132 26.2 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 22.262 ng
RT: 12.925 min Scan# 1697
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

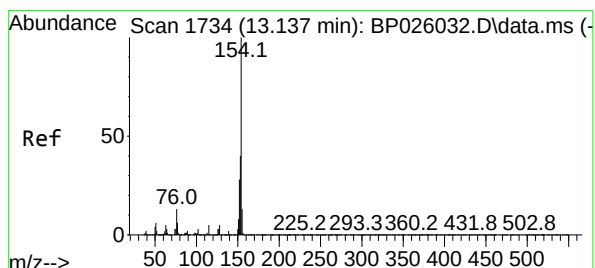
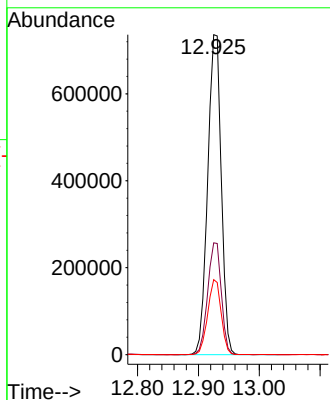
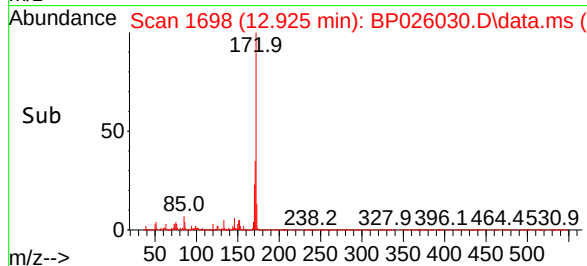
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



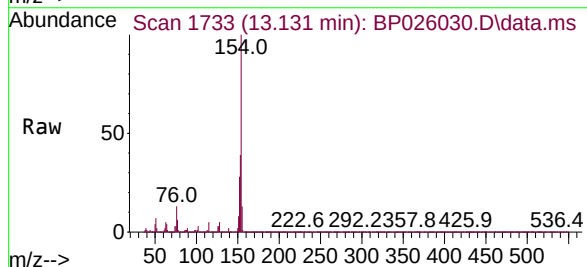
Tgt Ion:172 Resp: 1138070
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.4 19.0 28.4

Manual Integrations
APPROVED

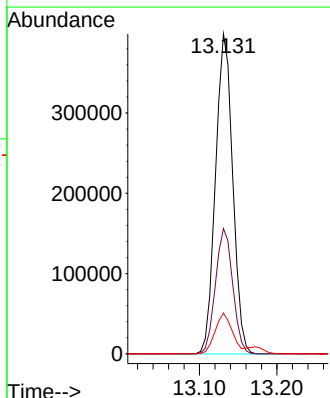
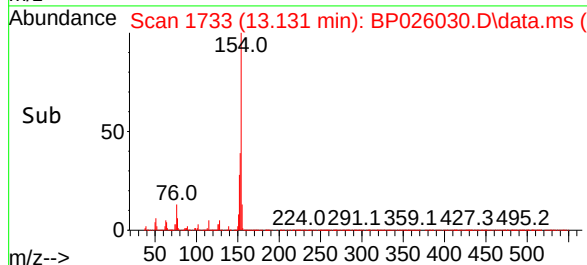
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

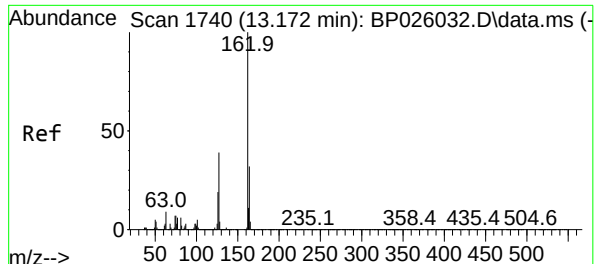


#46
1,1'-Biphenyl
Concen: 10.924 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48



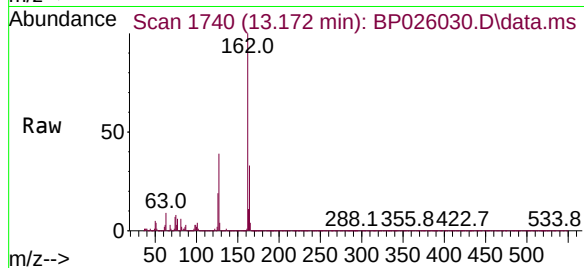
Tgt Ion:154 Resp: 614441
Ion Ratio Lower Upper
154 100
153 39.2 20.2 60.2
76 12.8 0.0 32.8





#47
2-Chloronaphthalene
Concen: 10.824 ng
RT: 13.172 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

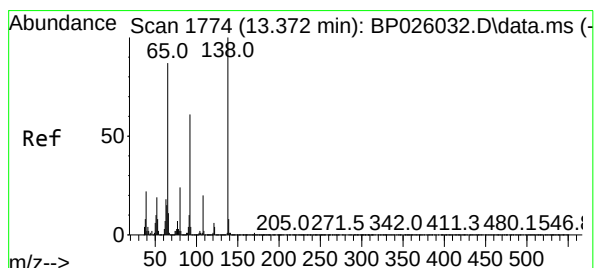
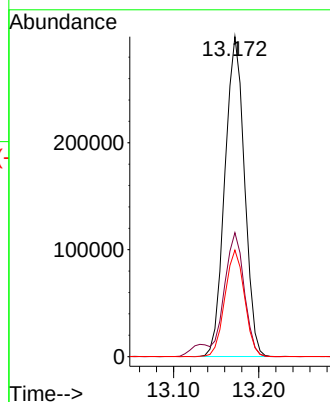
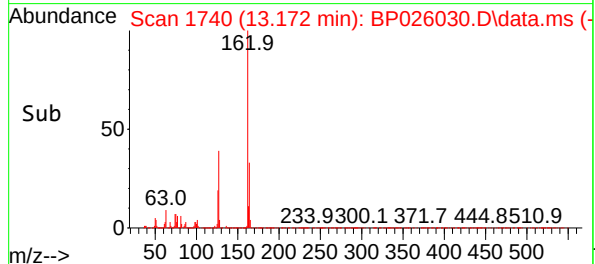
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



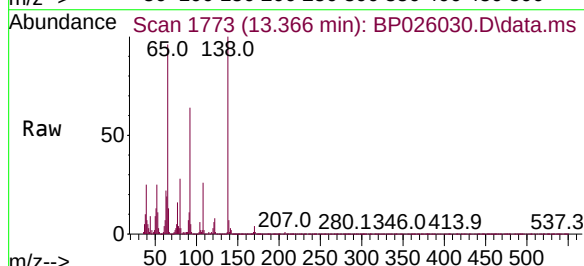
Tgt Ion:162 Resp: 479020
Ion Ratio Lower Upper
162 100
127 38.7 31.4 47.2
164 33.3 25.9 38.9

Manual Integrations
APPROVED

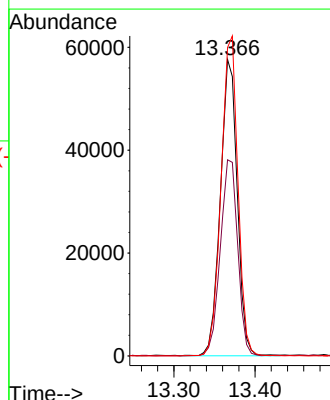
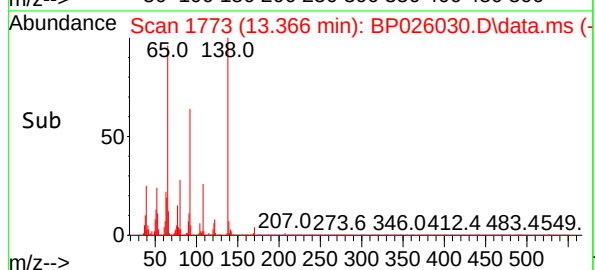
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

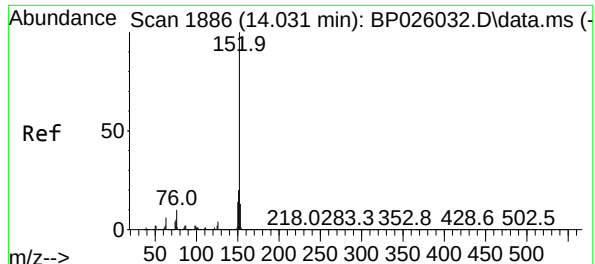


#48
2-Nitroaniline
Concen: 9.741 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48



Tgt Ion: 65 Resp: 83149
Ion Ratio Lower Upper
65 100
92 66.2 55.5 83.3
138 104.1 91.7 137.5





#49

Acenaphthylene

Concen: 10.506 ng

RT: 14.031 min Scan# 1886

Delta R.T. -0.005 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

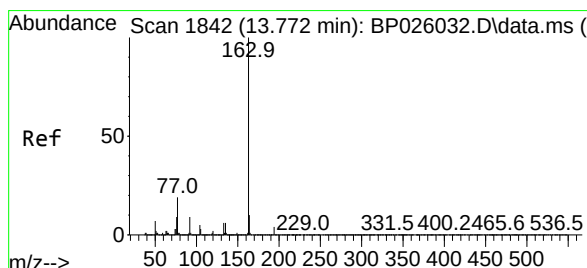
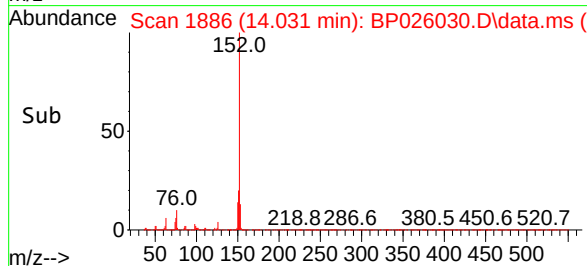
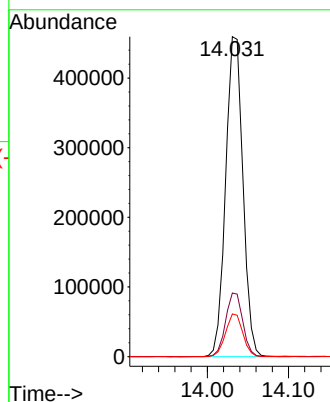
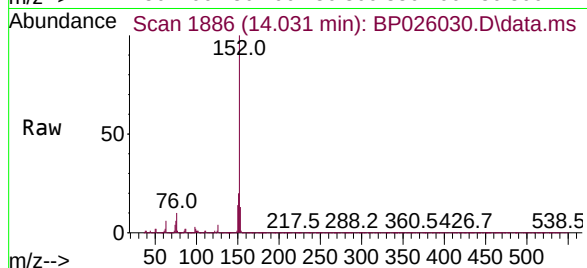
Tgt Ion:	152	Resp:	67762
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.9	23.9
153	13.3	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#50

Dimethylphthalate

Concen: 10.820 ng

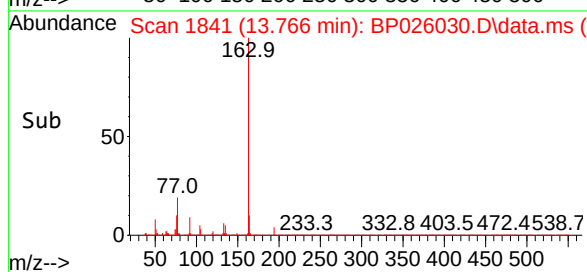
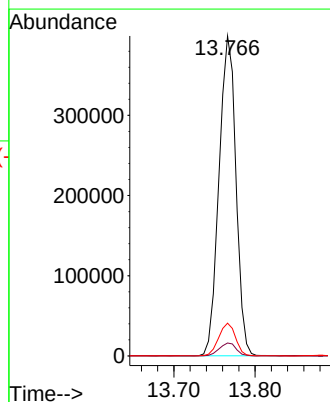
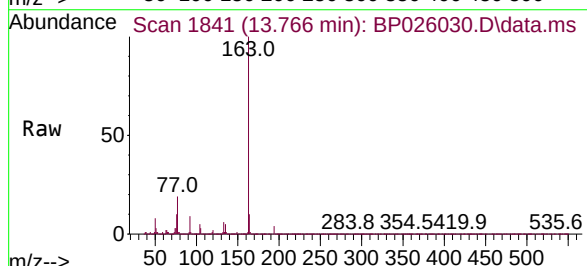
RT: 13.766 min Scan# 1841

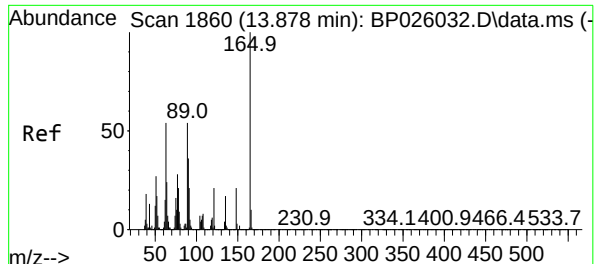
Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

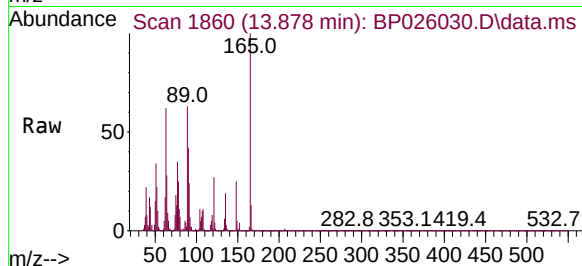
Tgt Ion:	163	Resp:	578145
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	10.2	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 9.731 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

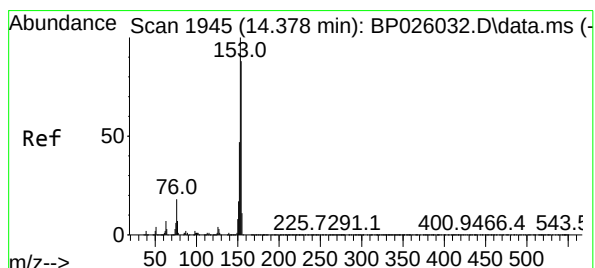
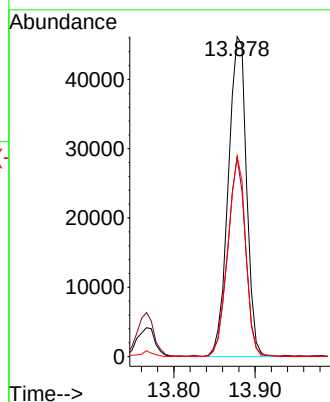
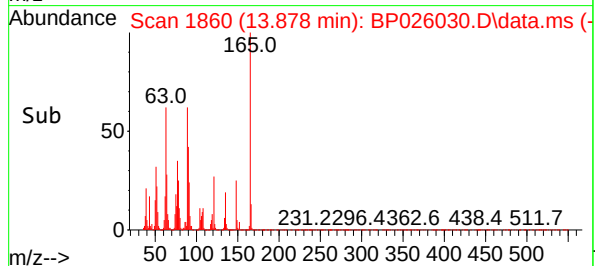
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 71941
Ion Ratio Lower Upper
165 100
63 62.2 43.0 64.4
89 62.6 43.0 64.4

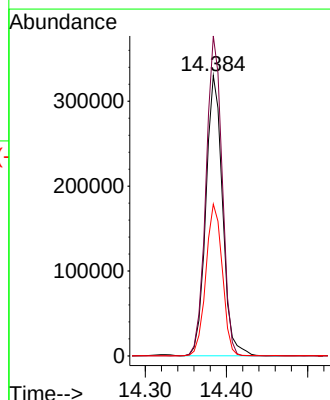
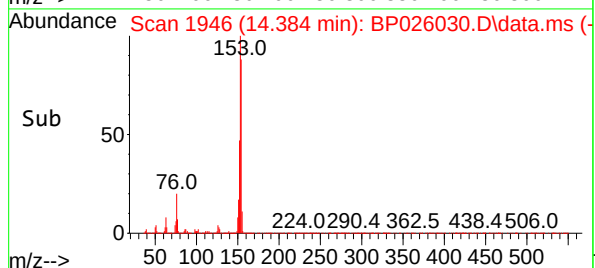
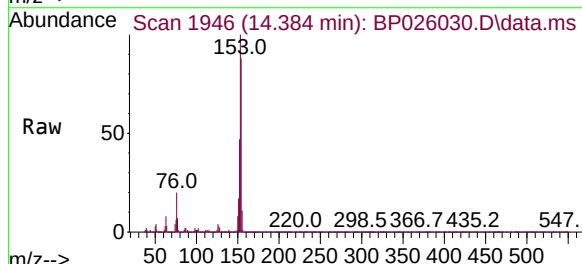
Manual Integrations
APPROVED

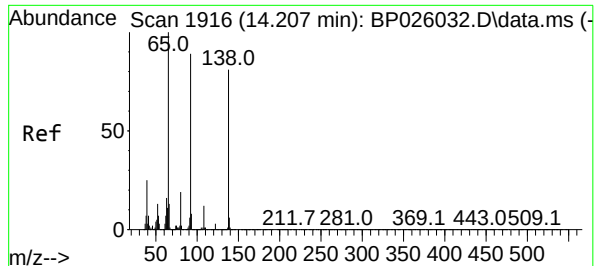
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#52
Acenaphthene
Concen: 10.658 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.001 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

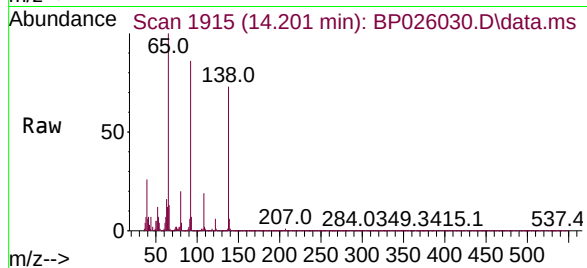
Tgt Ion:154 Resp: 471935
Ion Ratio Lower Upper
154 100
153 114.2 91.0 136.4
152 54.1 42.7 64.1





#53
3-Nitroaniline
Concen: 9.962 ng
RT: 14.201 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

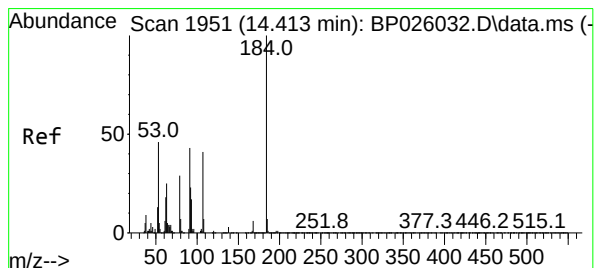
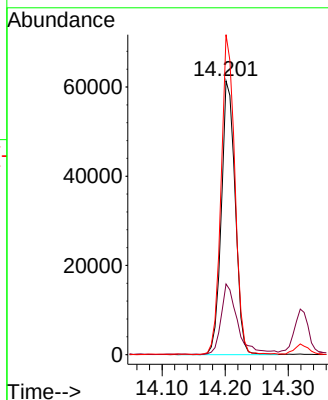
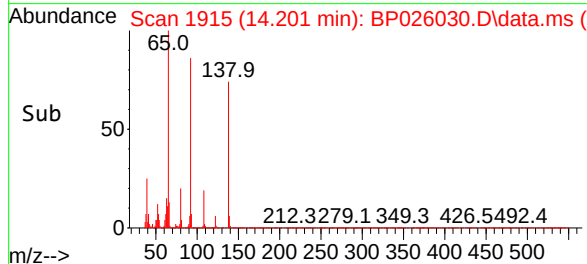
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 93292
Ion Ratio Lower Upper
138 100
108 25.8 11.4 17.0
92 116.9 87.1 130.7

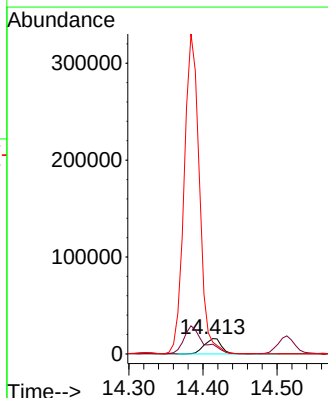
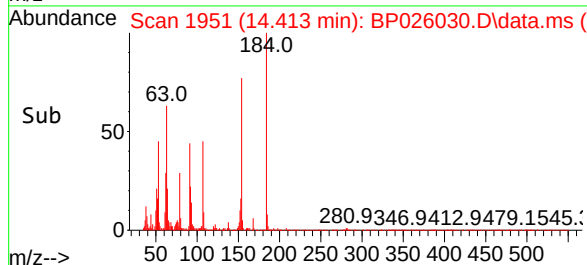
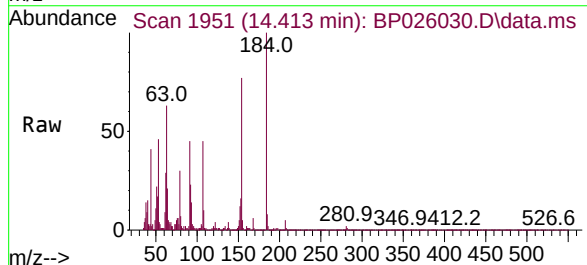
Manual Integrations
APPROVED

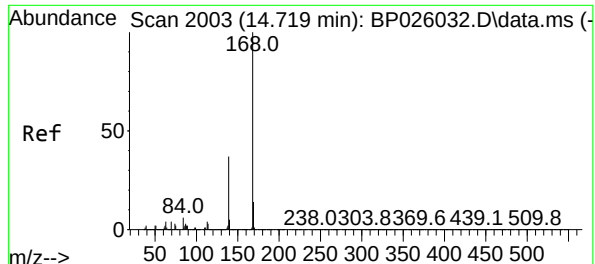
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#54
2,4-Dinitrophenol
Concen: 10.017 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

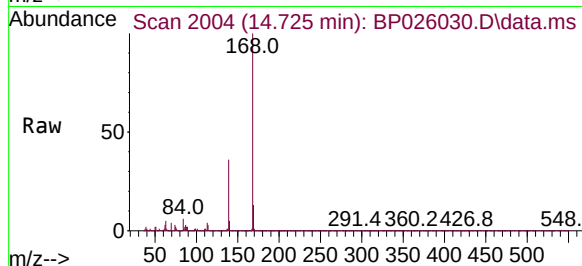
Tgt Ion:184 Resp: 25388
Ion Ratio Lower Upper
184 100
63 63.5 49.0 73.4
154 77.0 51.0 76.6





#55
Dibenzofuran
Concen: 10.966 ng
RT: 14.725 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

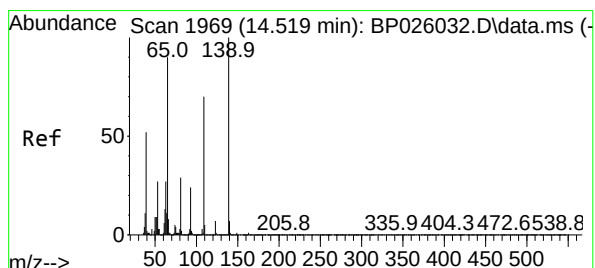
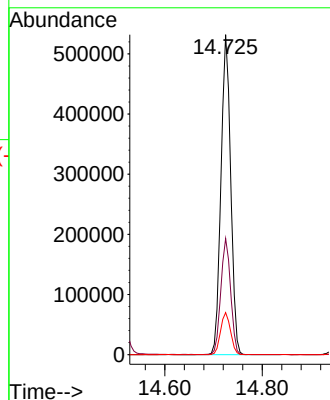
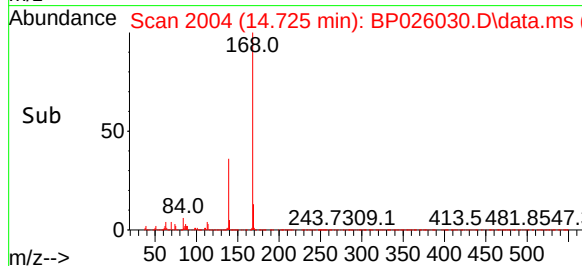
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



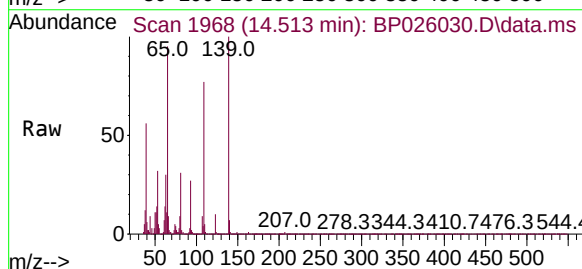
Tgt Ion:168 Resp: 733645
Ion Ratio Lower Upper
168 100
139 36.3 29.7 44.5
169 13.1 11.0 16.4

Manual Integrations
APPROVED

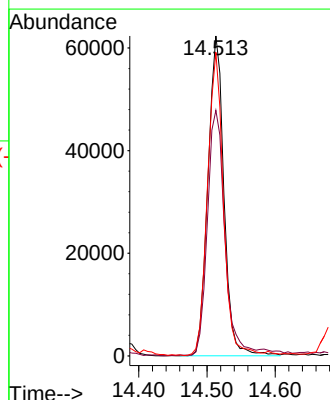
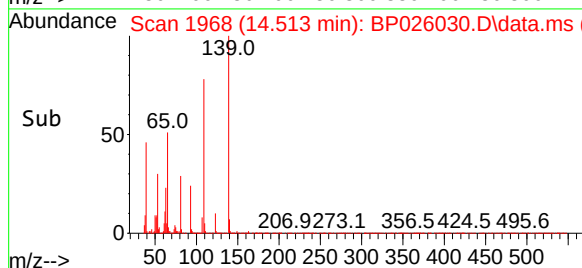
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

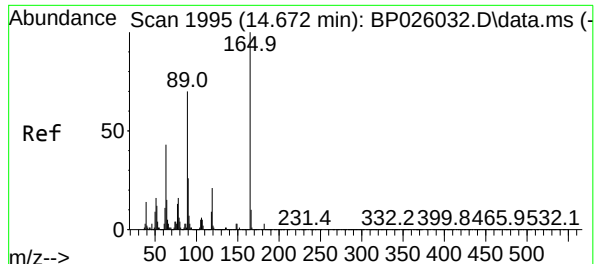


#56
4-Nitrophenol
Concen: 9.565 ng
RT: 14.513 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48



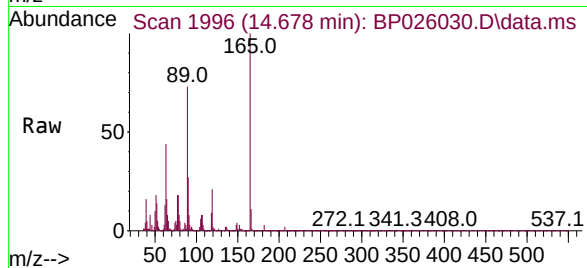
Tgt Ion:139 Resp: 101905
Ion Ratio Lower Upper
139 100
109 76.7 50.0 90.0
65 94.9 69.6 109.6





#57
2,4-Dinitrotoluene
Concen: 9.727 ng
RT: 14.678 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

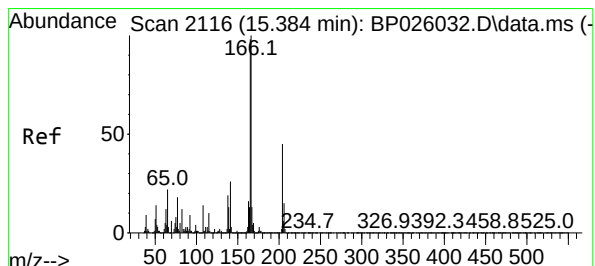
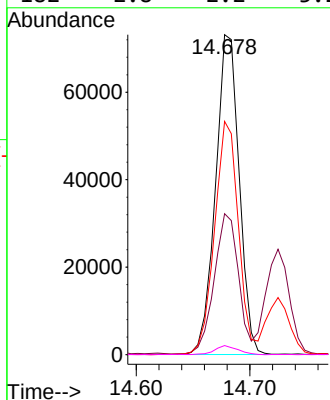
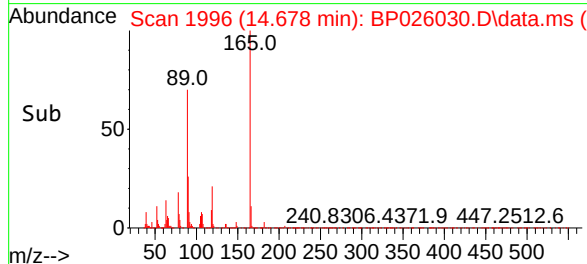
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 105824
Ion Ratio Lower Upper
165 100
63 44.0 34.2 51.2
89 72.9 56.0 84.0
182 2.8 2.2 3.2

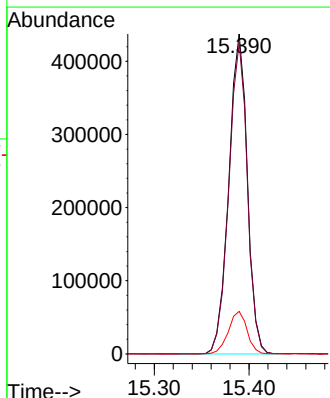
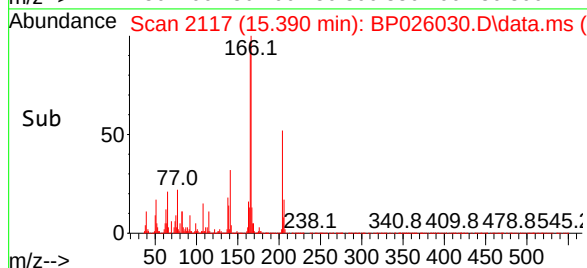
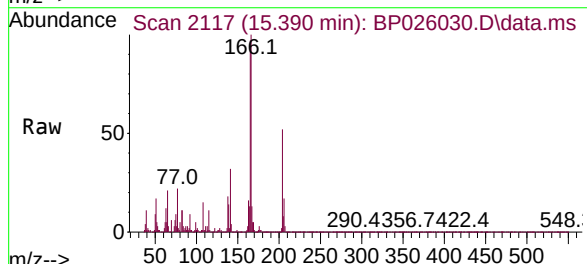
Manual Integrations
APPROVED

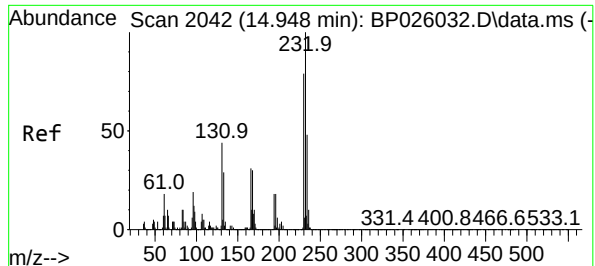
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#58
Fluorene
Concen: 11.361 ng
RT: 15.390 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

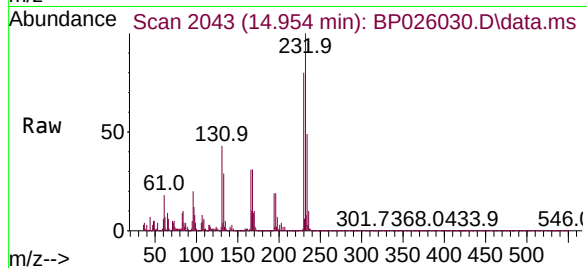
Tgt Ion:166 Resp: 595481
Ion Ratio Lower Upper
166 100
165 97.3 78.1 117.1
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.194 ng
RT: 14.954 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

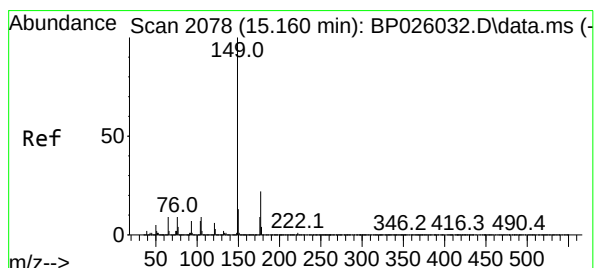
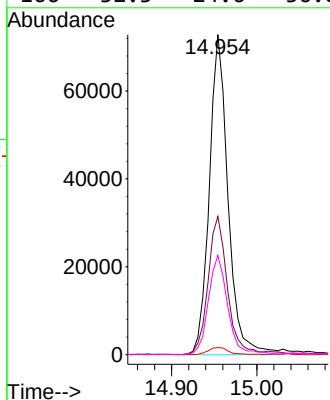
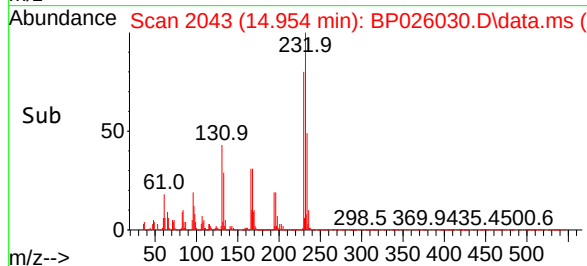
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:232 Resp: 111275
Ion Ratio Lower Upper
232 100
131 44.1 35.2 52.8
130 2.4 1.7 2.5
166 32.3 24.6 36.8

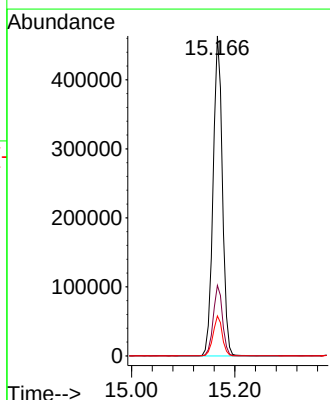
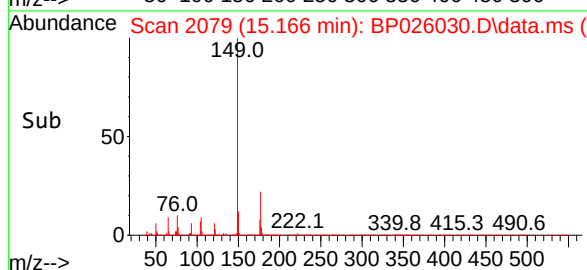
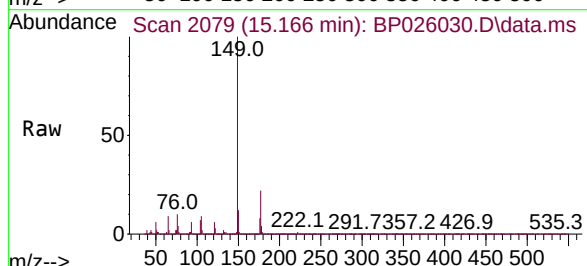
Manual Integrations
APPROVED

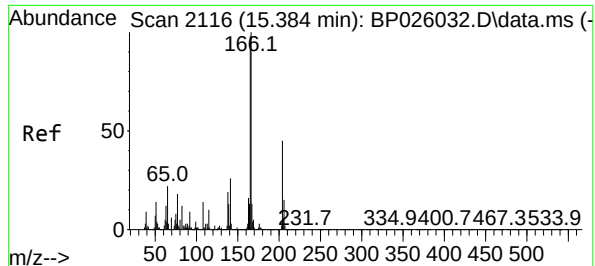
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#60
Diethylphthalate
Concen: 10.734 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

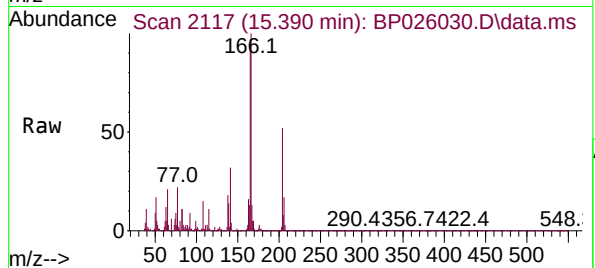
Tgt Ion:149 Resp: 576582
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 11.267 ng
RT: 15.390 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

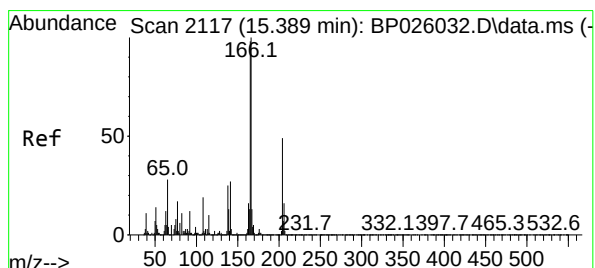
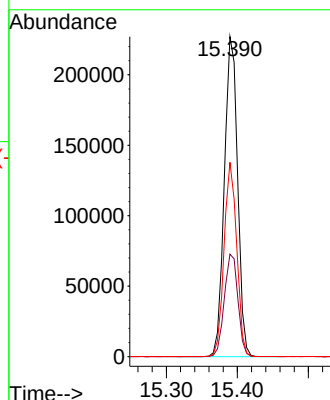
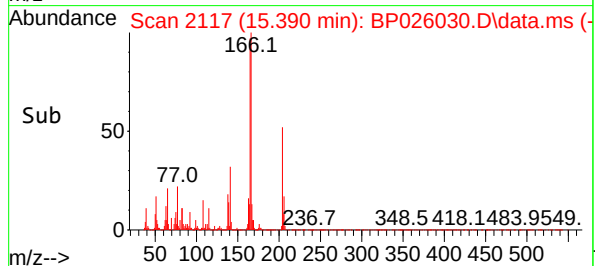
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 294916
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 60.7 47.0 70.4

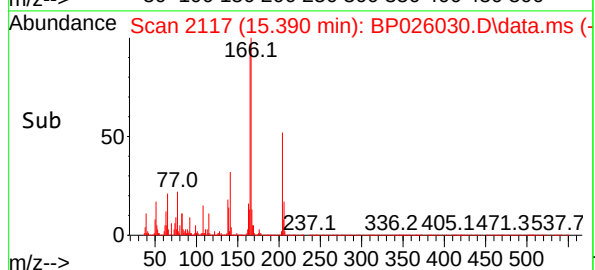
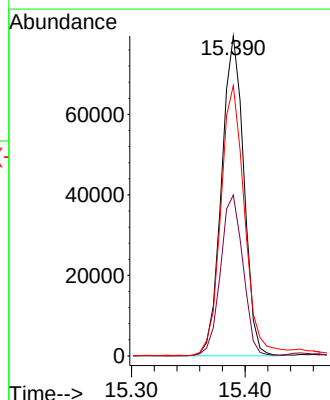
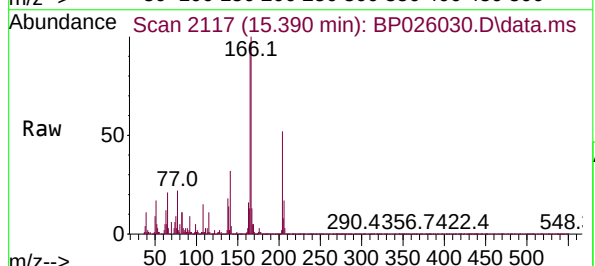
Manual Integrations
APPROVED

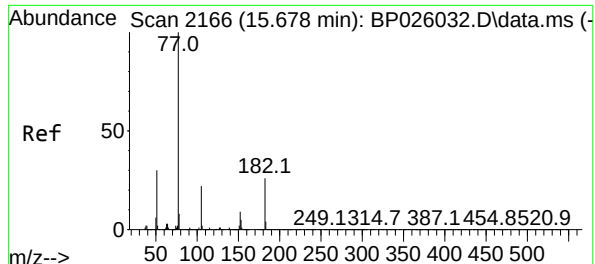
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#62
4-Nitroaniline
Concen: 9.461 ng
RT: 15.390 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

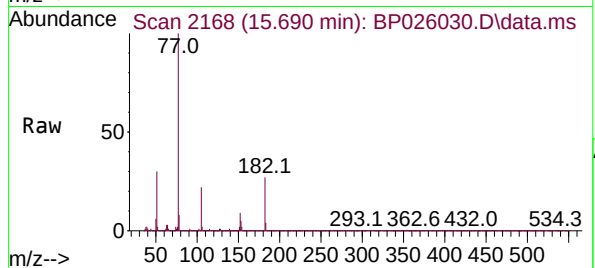
Tgt Ion:138 Resp: 108022
Ion Ratio Lower Upper
138 100
92 50.3 28.2 68.2
108 84.5 56.0 96.0





#63
Azobenzene
Concen: 11.130 ng
RT: 15.690 min Scan# 2166
Delta R.T. 0.001 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

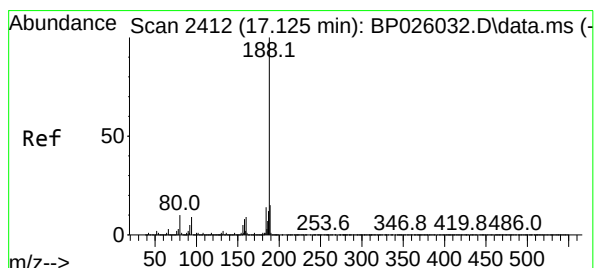
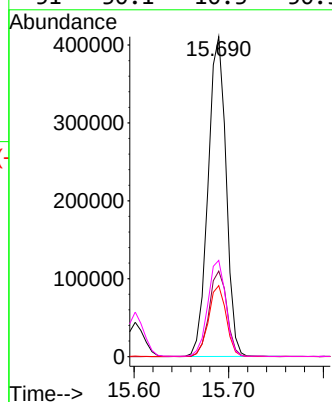
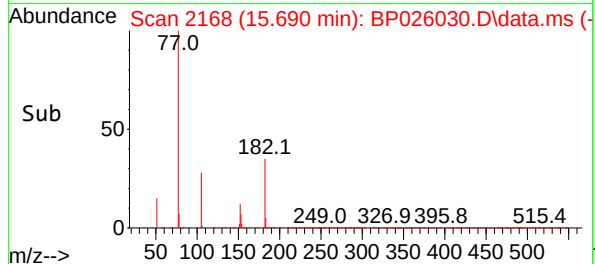
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 541815
Ion Ratio Lower Upper
77 100
182 26.7 6.4 46.4
105 22.2 2.2 42.2
51 30.1 10.3 50.3

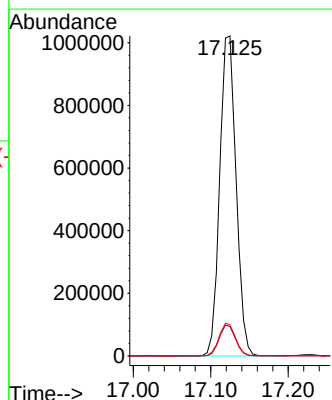
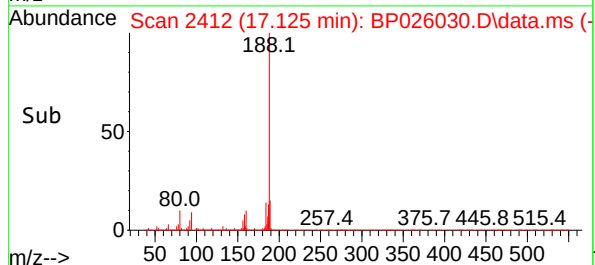
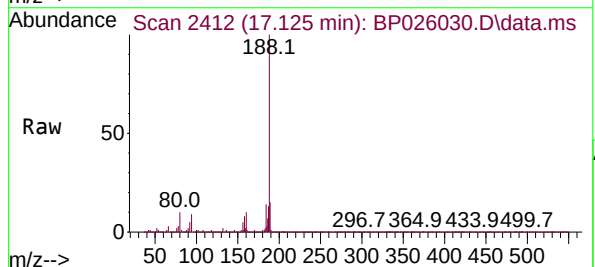
Manual Integrations
APPROVED

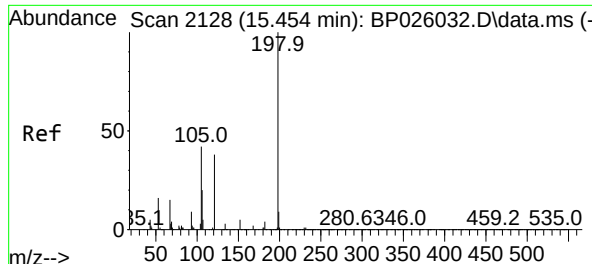
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:188 Resp: 1497196
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 9.7 7.9 11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 10.014 ng

RT: 15.448 min Scan# 2128

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:198 Resp: 39648

Ion Ratio Lower Upper

198 100

51 42.2 25.2 65.2

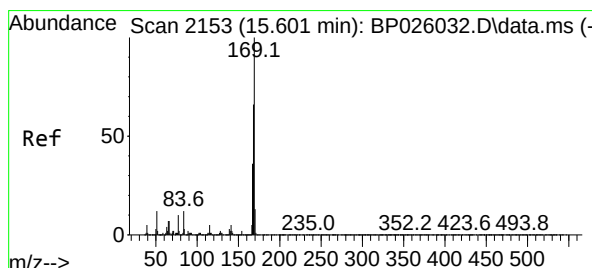
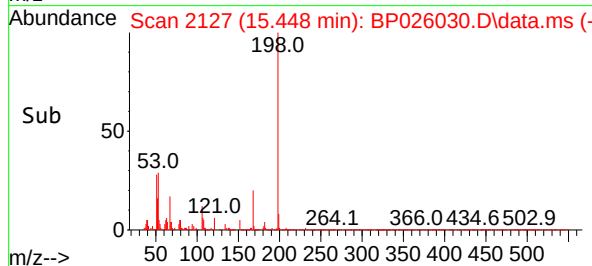
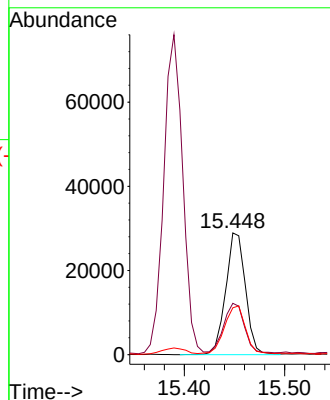
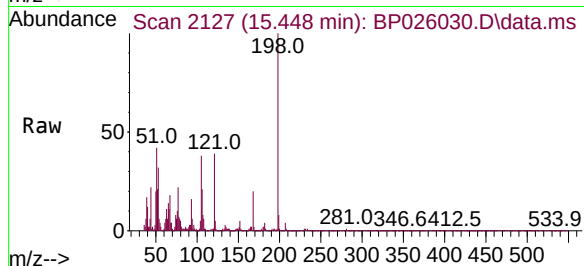
105 38.4 23.7 63.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#66

n-Nitrosodiphenylamine

Concen: 10.850 ng

RT: 15.601 min Scan# 2153

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

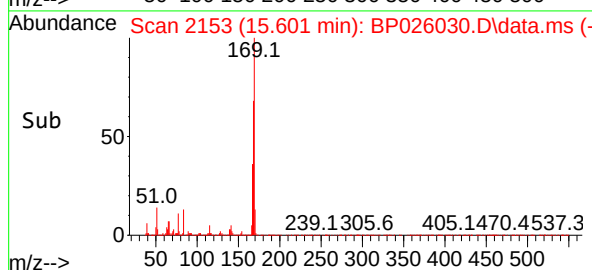
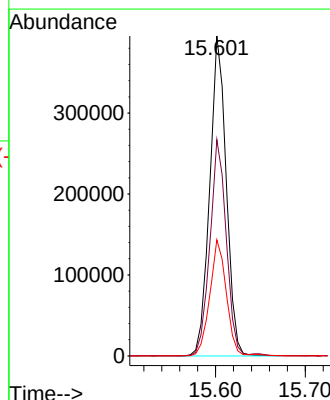
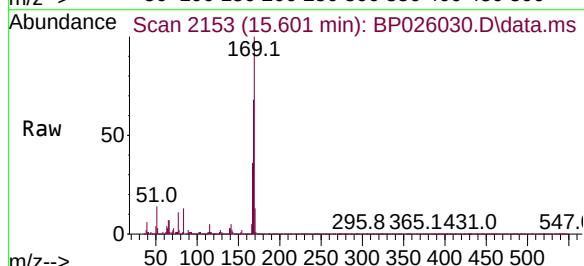
Tgt Ion:169 Resp: 507903

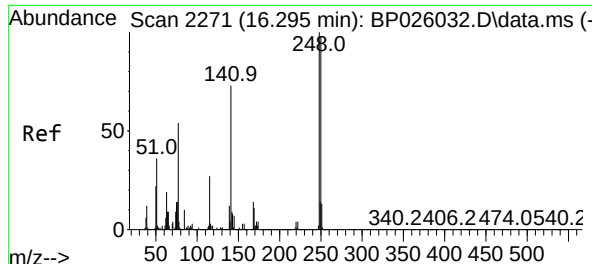
Ion Ratio Lower Upper

169 100

168 67.6 52.9 79.3

167 36.3 28.9 43.3





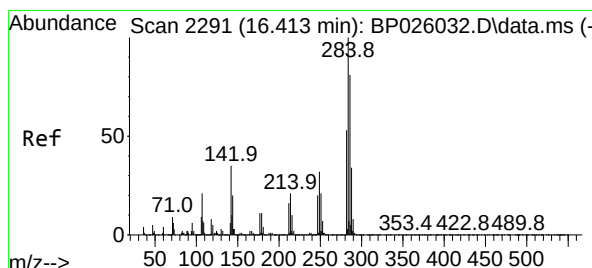
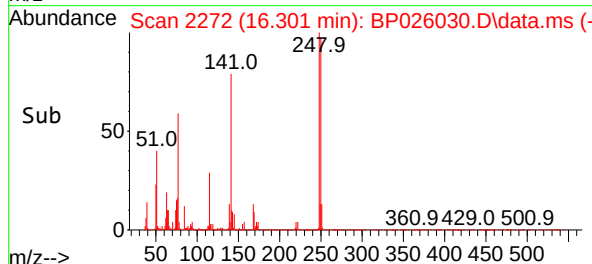
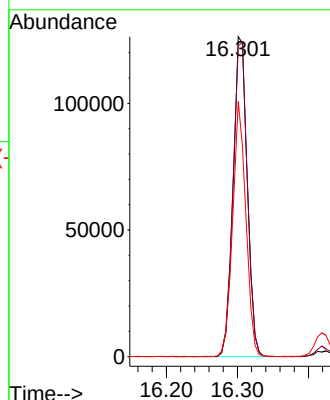
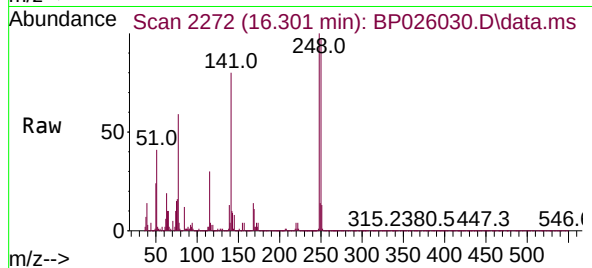
#67
4-Bromophenyl-phenylether
Concen: 10.547 ng
RT: 16.301 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 175158
Ion Ratio Lower Upper
248 100
250 97.1 78.4 117.6
141 79.7 58.3 87.5

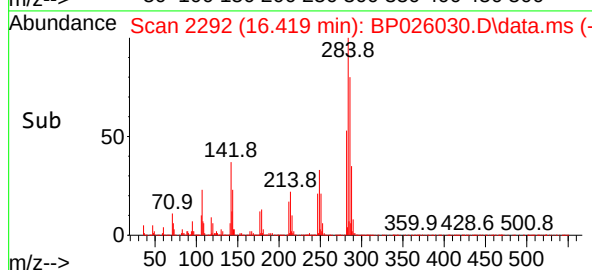
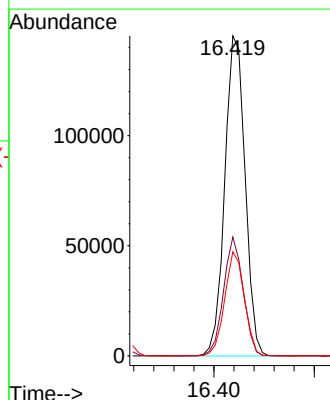
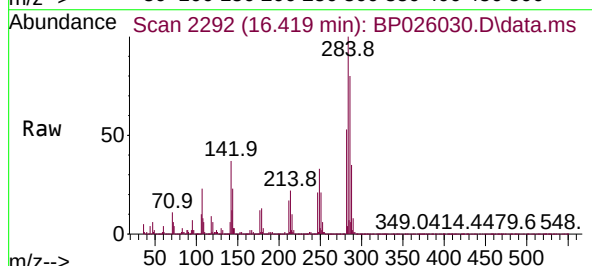
Manual Integrations
APPROVED

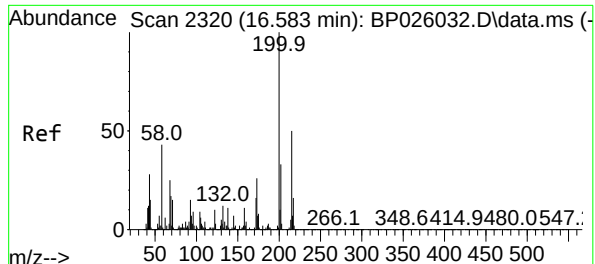
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#68
Hexachlorobenzene
Concen: 10.824 ng
RT: 16.419 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

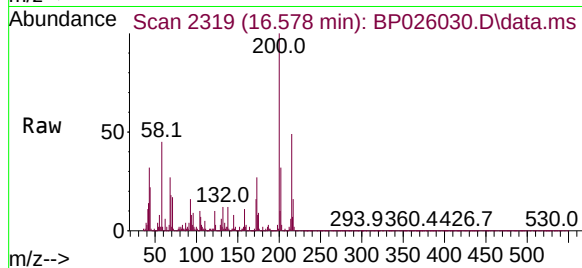
Tgt Ion:284 Resp: 204634
Ion Ratio Lower Upper
284 100
142 37.1 27.7 41.5
249 32.5 25.5 38.3





#69
Atrazine
Concen: 10.103 ng
RT: 16.578 min Scan# 2319
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

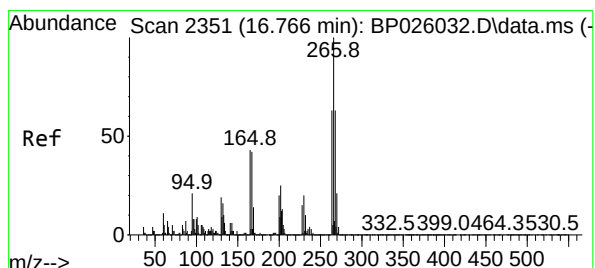
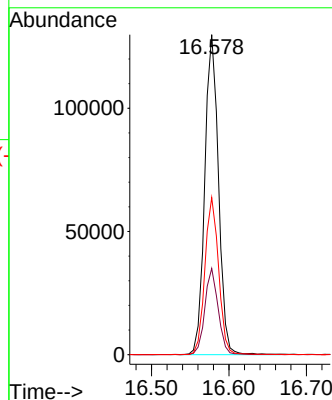
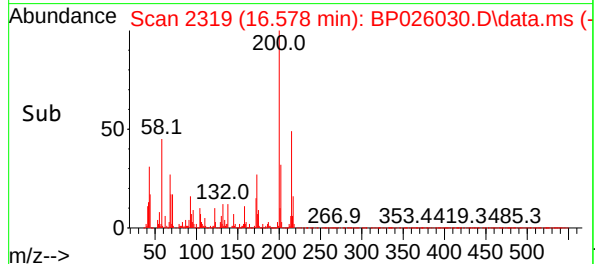
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:200 Resp: 159536
Ion Ratio Lower Upper
200 100
173 26.9 6.2 46.2
215 49.1 29.8 69.8

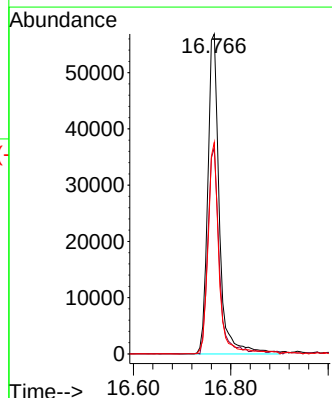
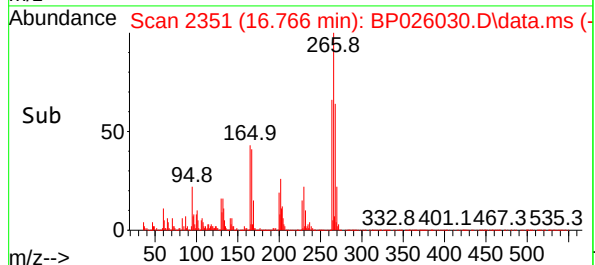
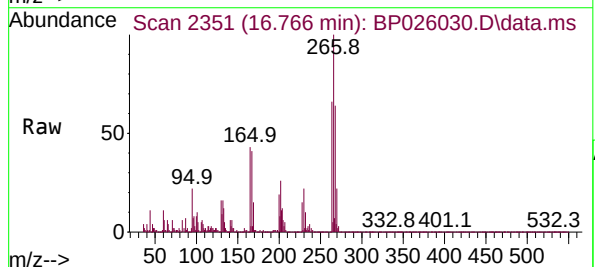
Manual Integrations
APPROVED

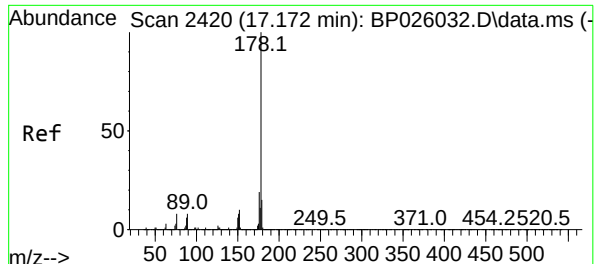
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#70
Pentachlorophenol
Concen: 8.152 ng
RT: 16.766 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

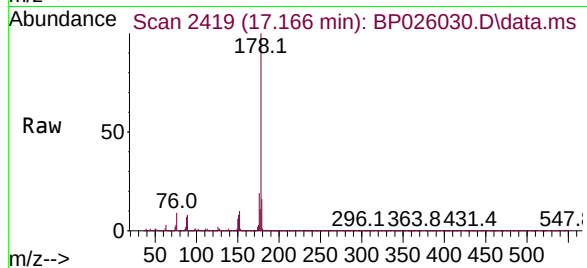
Tgt Ion:266 Resp: 94142
Ion Ratio Lower Upper
266 100
268 64.4 50.6 76.0
264 66.1 50.2 75.4





#71
Phenanthrene
Concen: 11.064 ng
RT: 17.166 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

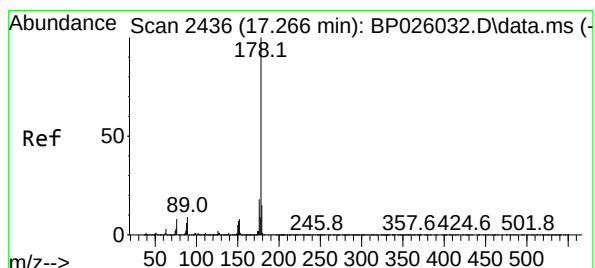
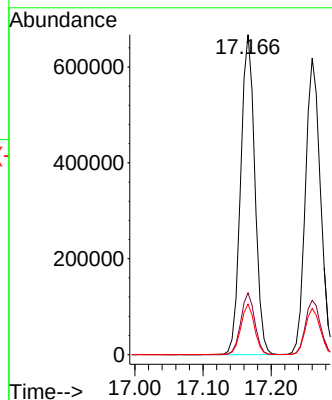
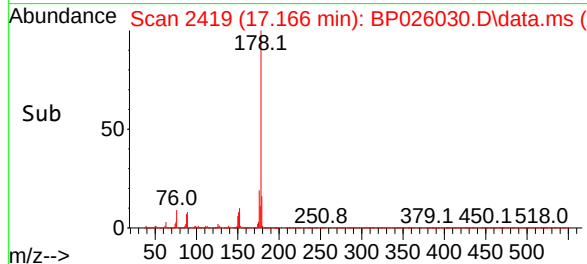
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 964196
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.8 12.3 18.5

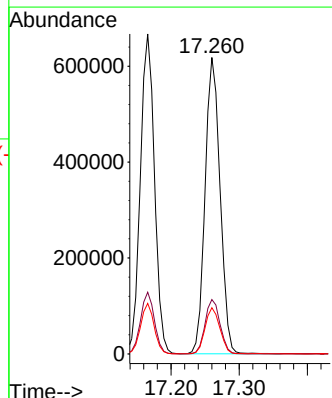
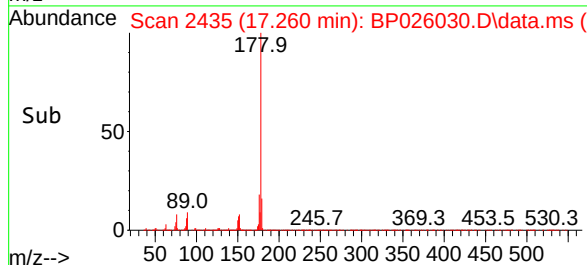
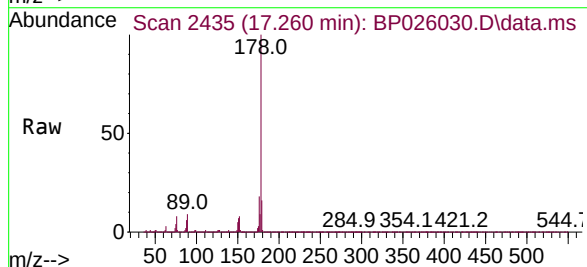
Manual Integrations
APPROVED

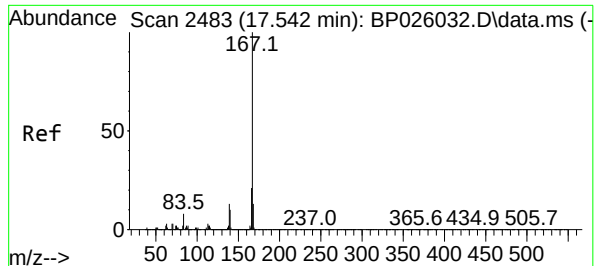
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#72
Anthracene
Concen: 10.941 ng
RT: 17.260 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

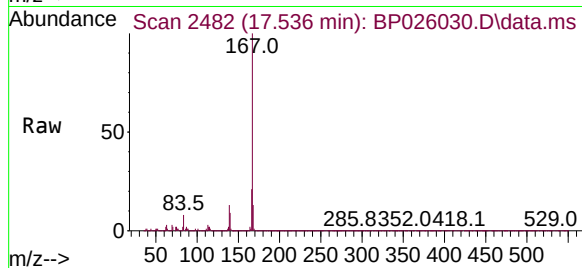
Tgt Ion:178 Resp: 945078
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.6 12.2 18.4





#73
Carbazole
Concen: 10.729 ng
RT: 17.536 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

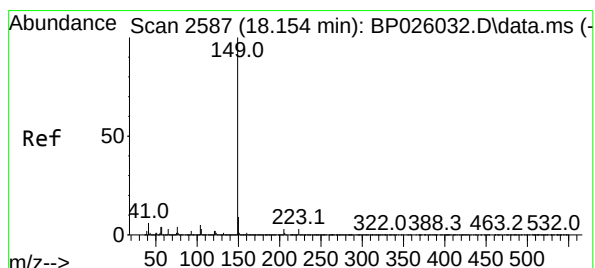
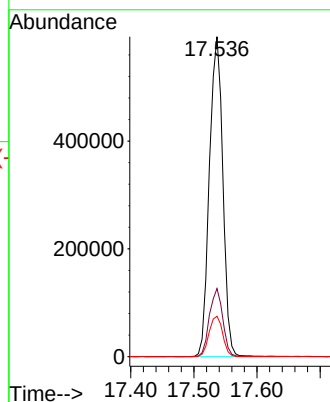
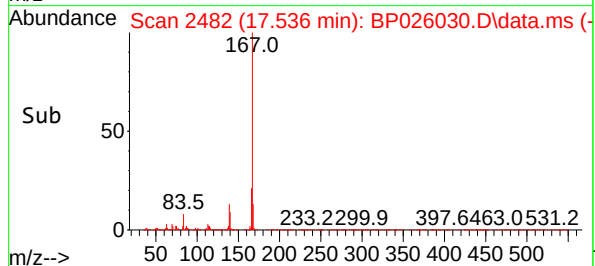
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 877310
Ion Ratio Lower Upper
167 100
166 21.3 17.1 25.7
139 12.6 10.2 15.2

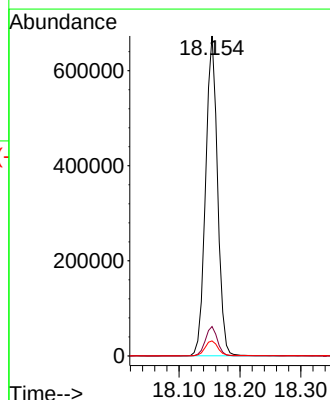
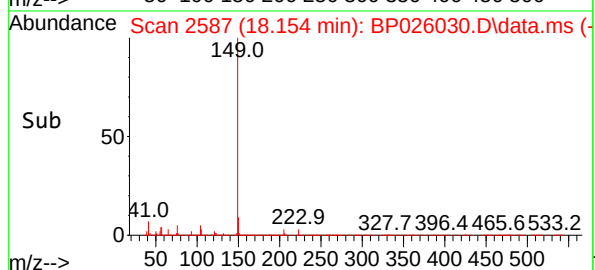
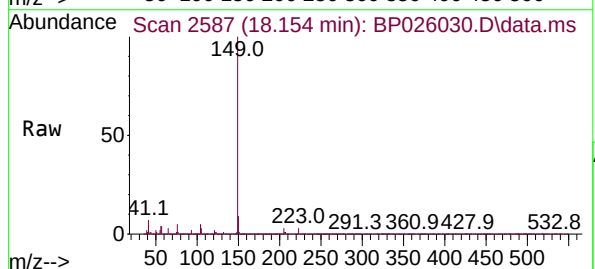
Manual Integrations
APPROVED

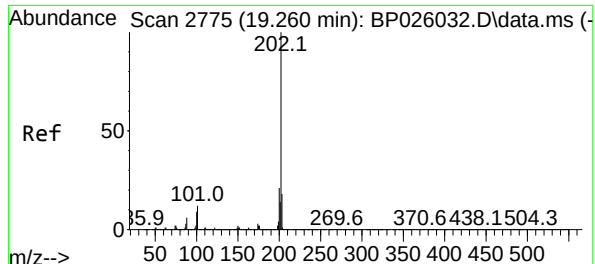
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#74
Di-n-butylphthalate
Concen: 9.974 ng
RT: 18.154 min Scan# 2587
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

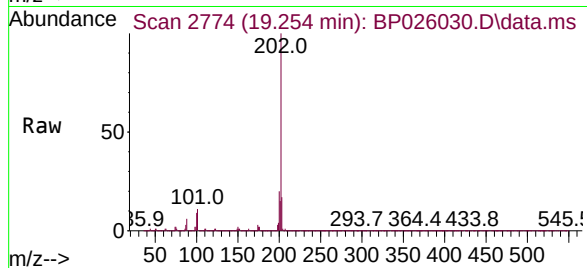
Tgt Ion:149 Resp: 912617
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.7 3.8 5.6





#75
Fluoranthene
Concen: 10.821 ng
RT: 19.254 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

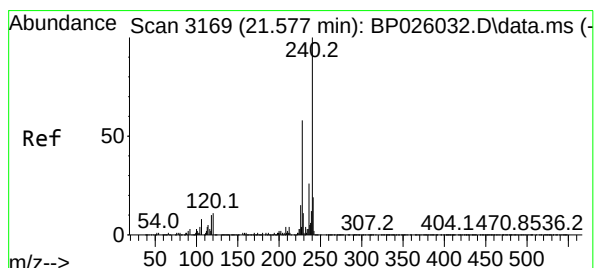
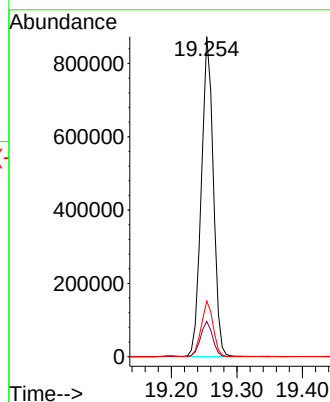
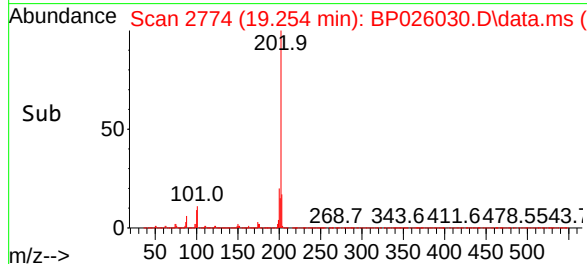
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 1100035
Ion Ratio Lower Upper
202 100
101 11.0 0.0 32.1
203 17.4 0.0 37.6

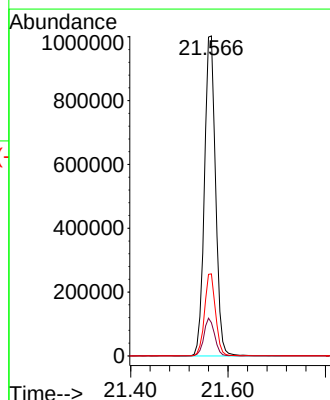
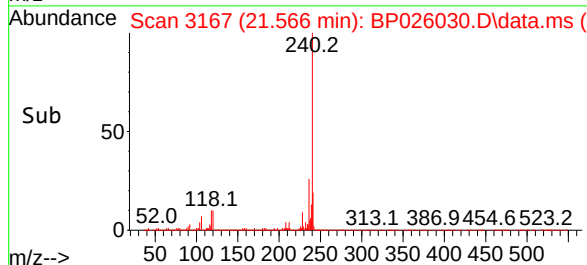
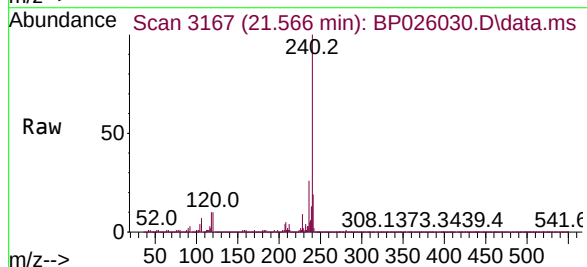
Manual Integrations
APPROVED

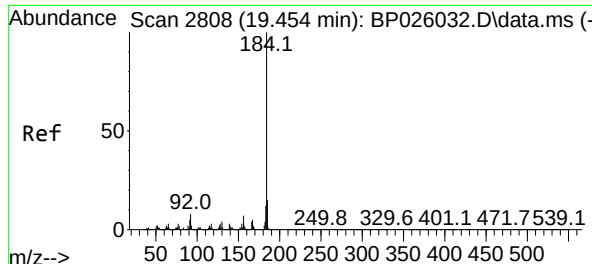
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:240 Resp: 1590140
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.6 20.6 31.0





#77

Benzidine

Concen: 8.106 ng

RT: 19.454 min Scan# 2808

Delta R.T. 0.000 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:184 Resp: 327160

Ion Ratio Lower Upper

184 100

185 14.9 11.9 17.9

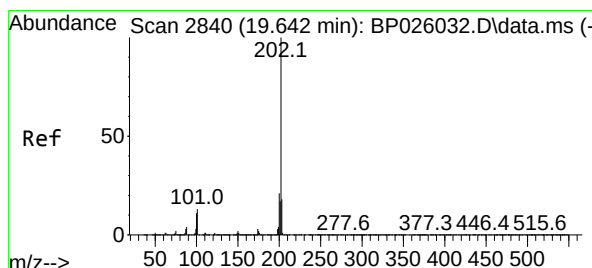
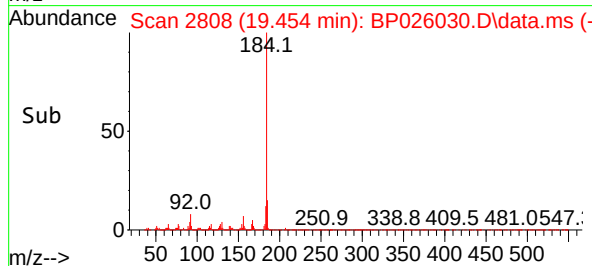
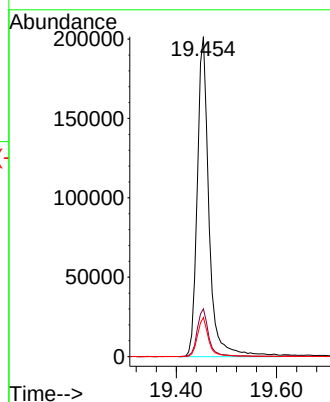
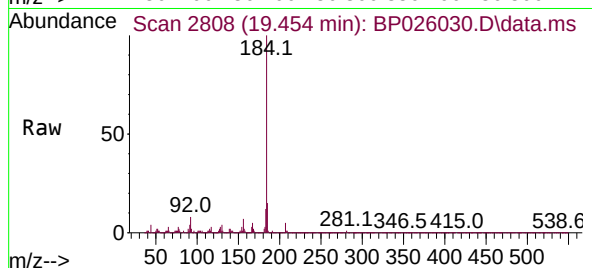
183 12.2 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#78

Pyrene

Concen: 10.997 ng

RT: 19.630 min Scan# 2838

Delta R.T. -0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

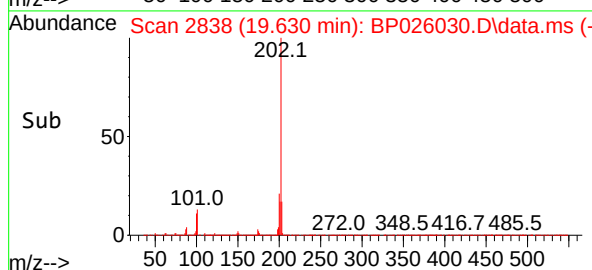
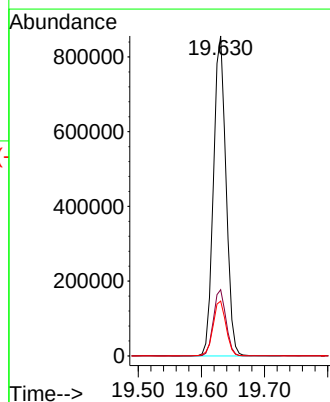
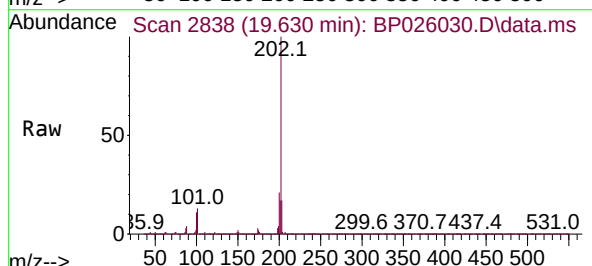
Tgt Ion:202 Resp: 1182711

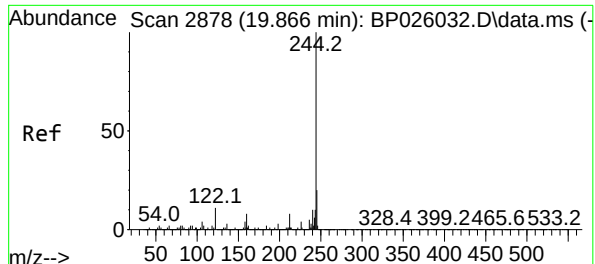
Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

203 17.2 14.0 21.0





#79
Terphenyl-d14
Concen: 22.846 ng
RT: 19.860 min Scan# 2878
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

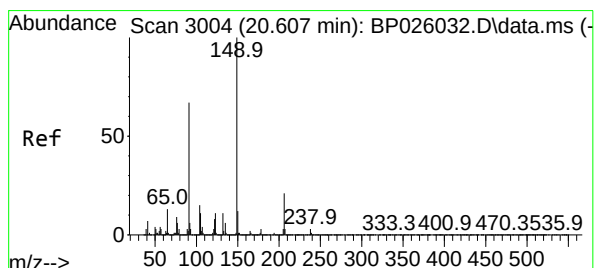
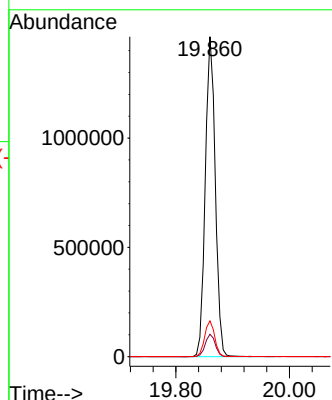
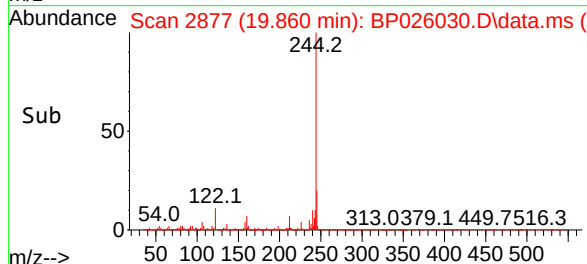
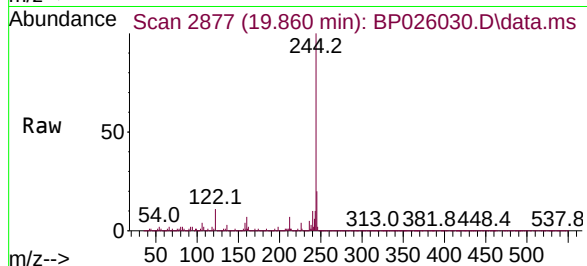
SSTDICC010

Tgt Ion:244 Resp: 1788115
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 11.2 9.0 13.6

Manual Integrations

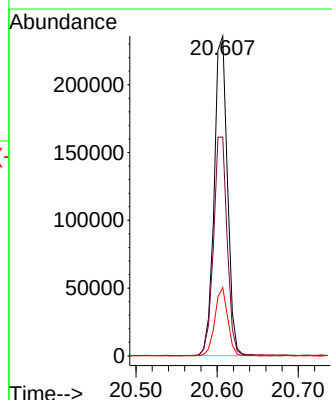
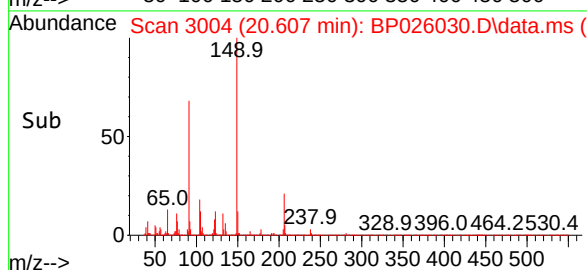
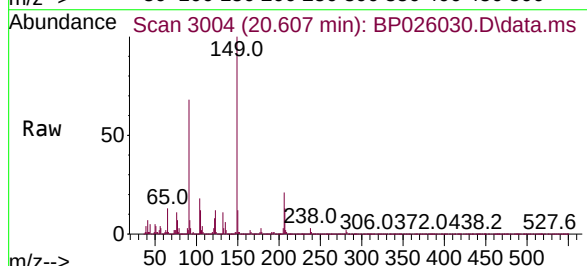
APPROVED

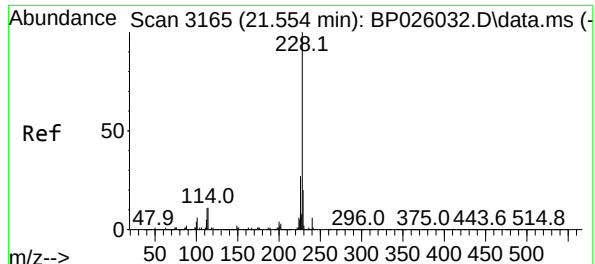
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#80
Butylbenzylphthalate
Concen: 9.589 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

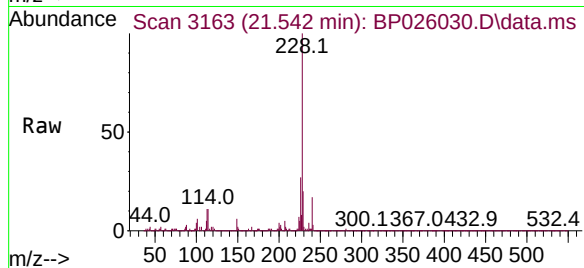
Tgt Ion:149 Resp: 267569
Ion Ratio Lower Upper
149 100
91 68.4 53.5 80.3
206 21.3 16.6 25.0





#81
Benzo(a)anthracene
Concen: 10.894 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

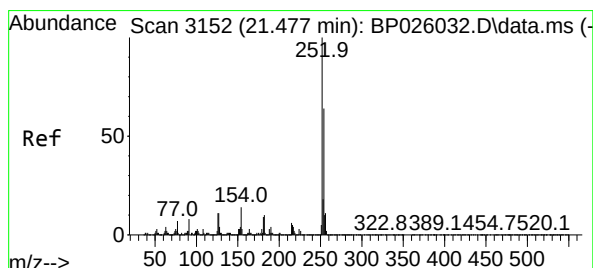
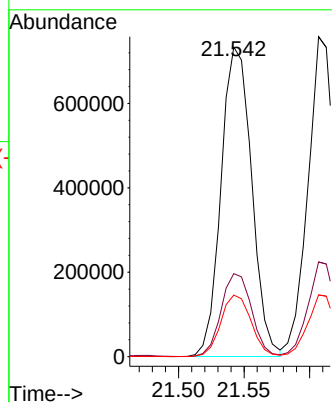
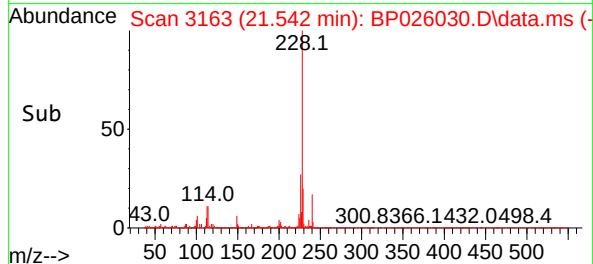
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 1190374
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 19.9 15.8 23.8

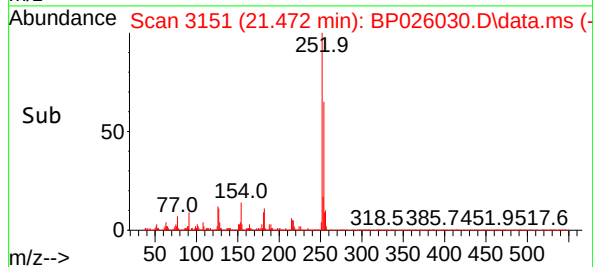
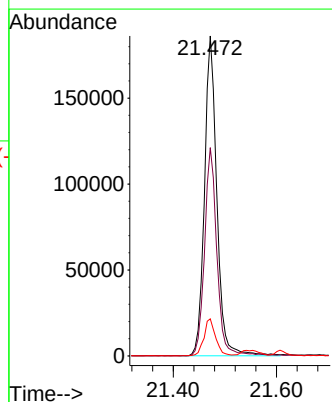
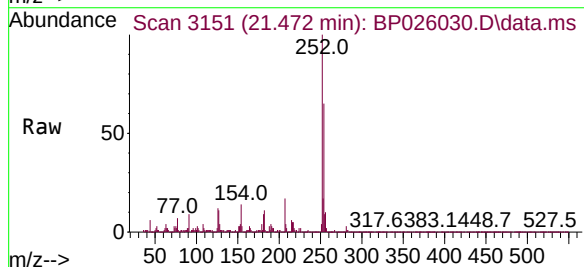
Manual Integrations
APPROVED

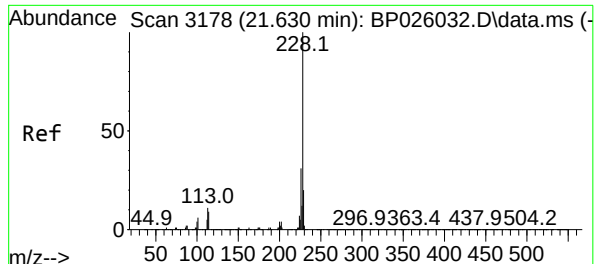
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#82
3,3'-Dichlorobenzidine
Concen: 8.812 ng
RT: 21.472 min Scan# 3151
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:252 Resp: 310231
Ion Ratio Lower Upper
252 100
254 65.1 51.3 76.9
126 11.6 9.1 13.7





#83

Chrysene

Concen: 10.940 ng

RT: 21.607 min Scan# 3178

Delta R.T. -0.011 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 1132388

Ion Ratio Lower Upper

228 100

226 29.6 24.4 36.6

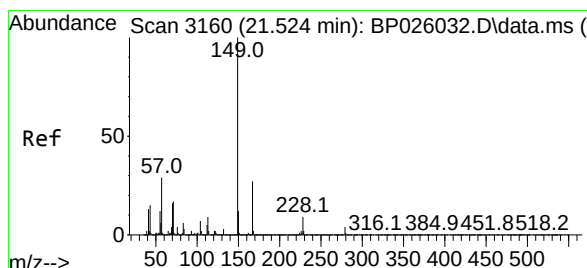
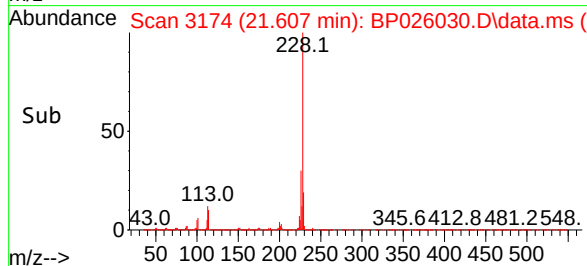
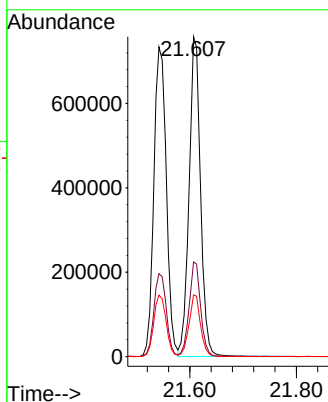
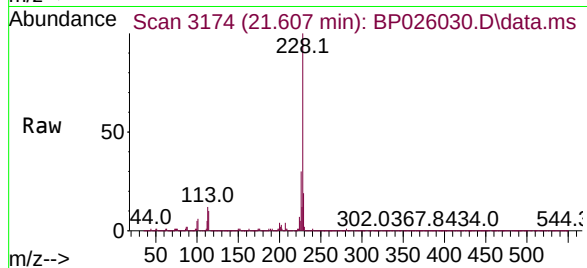
229 19.3 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.805 ng

RT: 21.525 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

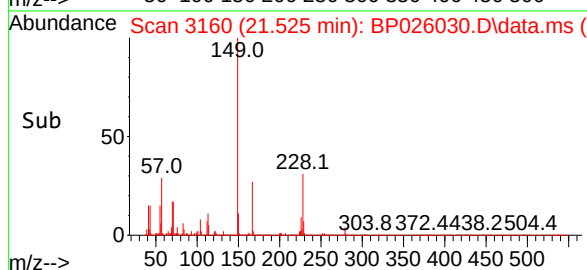
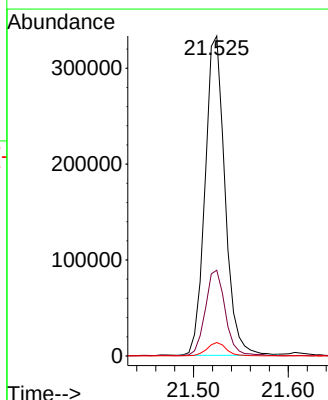
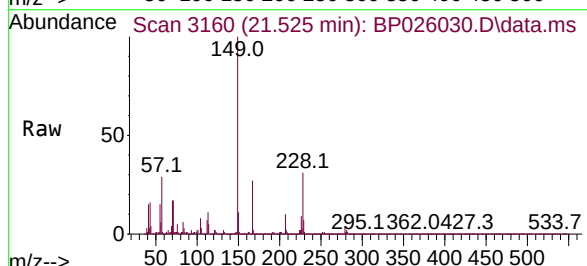
Tgt Ion:149 Resp: 487334

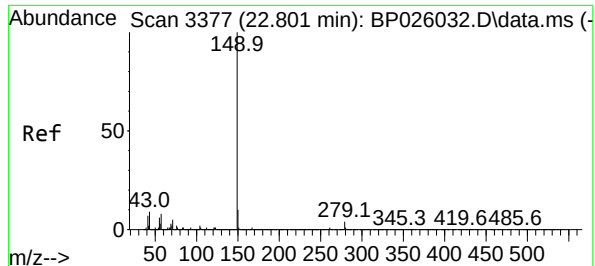
Ion Ratio Lower Upper

149 100

167 26.8 21.5 32.3

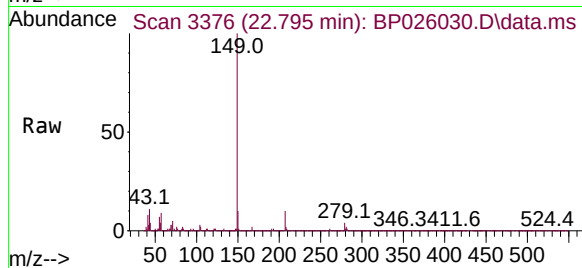
279 4.2 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 6.903 ng
RT: 22.795 min Scan# 3377
Delta R.T. -0.006 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

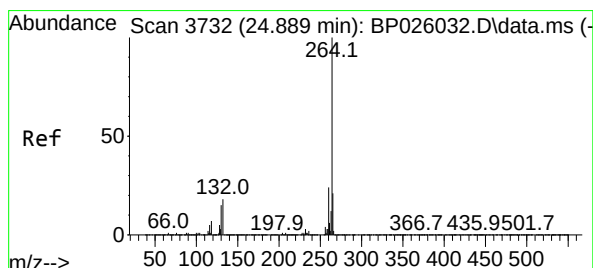
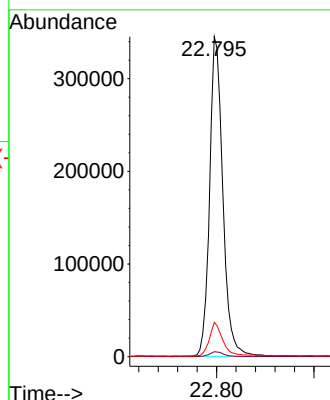
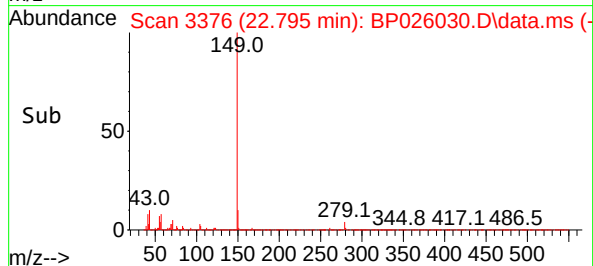
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 653399
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.3 7.6 11.4

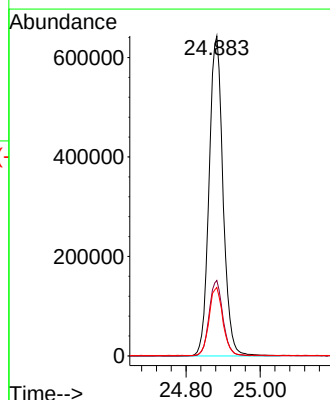
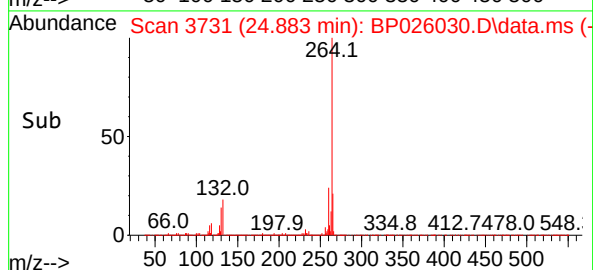
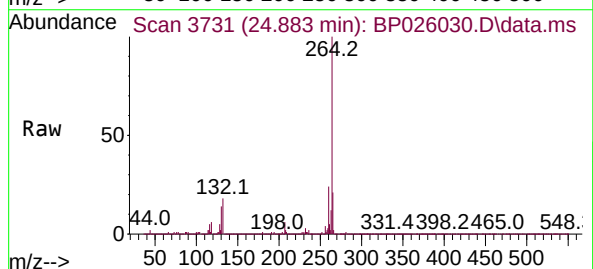
Manual Integrations
APPROVED

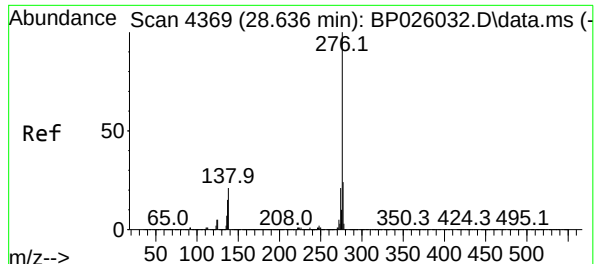
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.883 min Scan# 3731
Delta R.T. 0.000 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion:264 Resp: 1674719
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.4 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.070 ng m

RT: 28.618 min Scan# 4369

Delta R.T. -0.041 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:276 Resp: 1244503

Ion Ratio Lower Upper

276 100

138 16.1 13.2 19.8

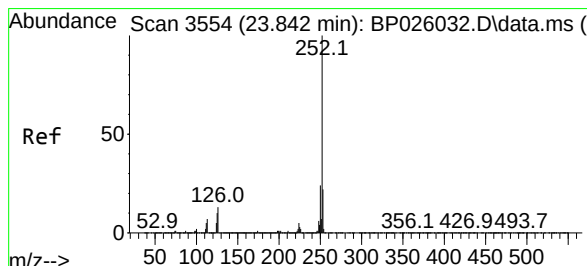
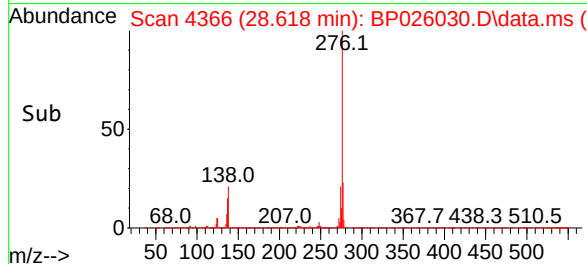
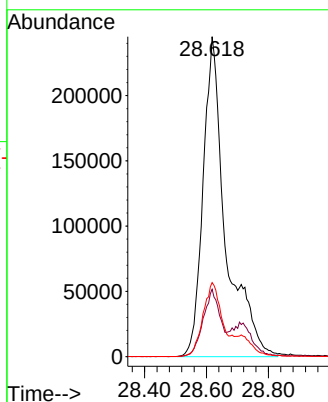
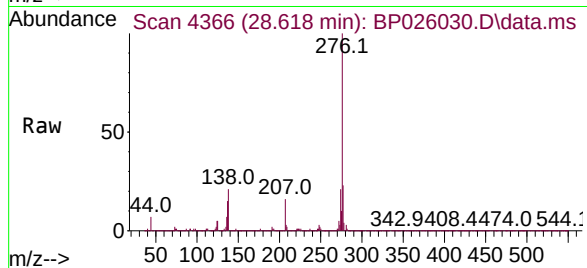
277 20.8 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#88

Benzo(b)fluoranthene

Concen: 10.284 ng

RT: 23.830 min Scan# 3552

Delta R.T. -0.017 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

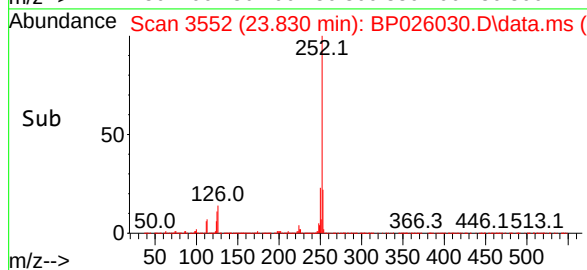
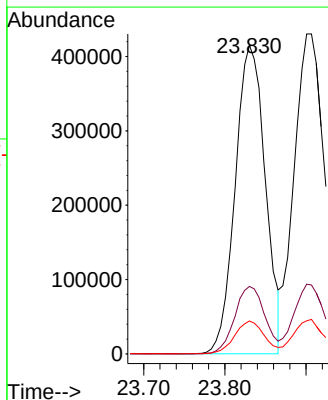
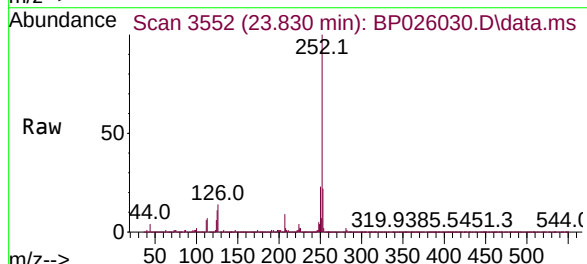
Tgt Ion:252 Resp: 1069169

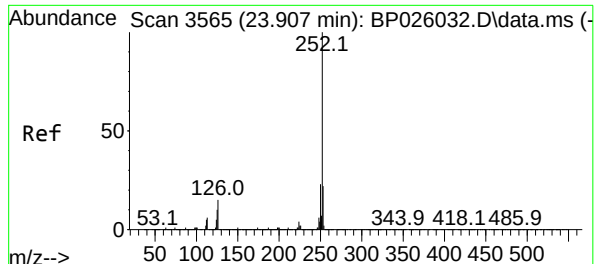
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 10.6 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 10.769 ng

RT: 23.901 min Scan# 3565

Delta R.T. -0.023 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 1143258

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

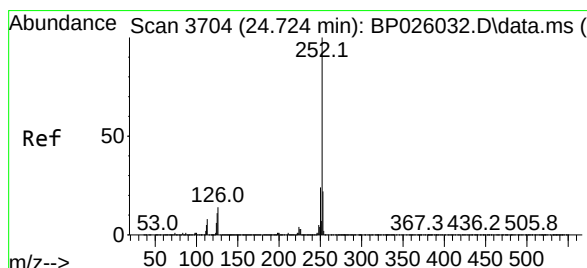
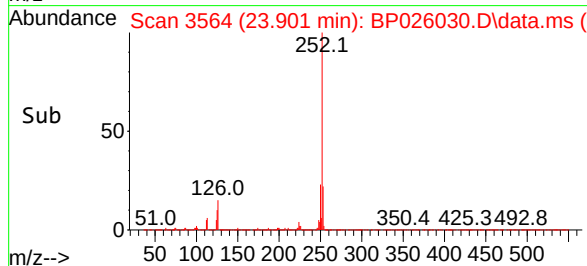
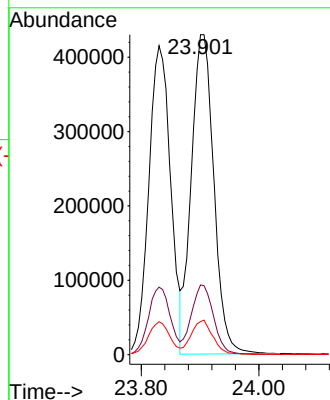
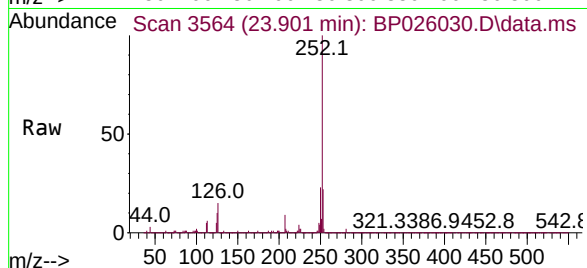
125 10.3 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#90

Benzo(a)pyrene

Concen: 10.247 ng

RT: 24.724 min Scan# 3704

Delta R.T. -0.017 min

Lab File: BP026030.D

Acq: 29 Oct 2025 10:48

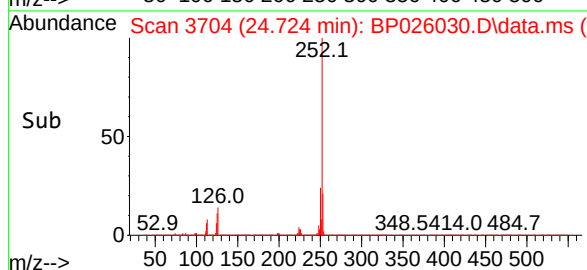
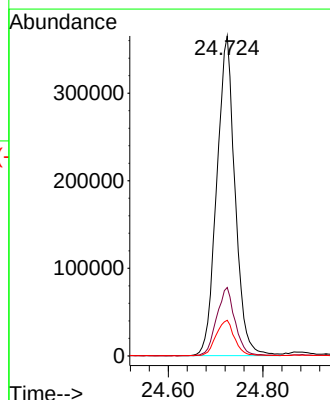
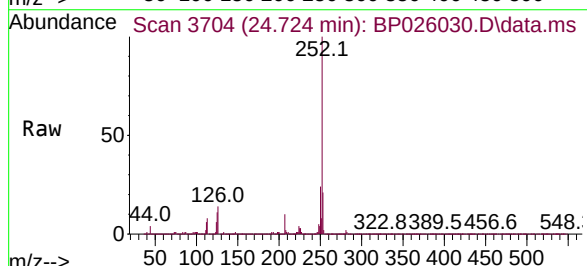
Tgt Ion:252 Resp: 978750

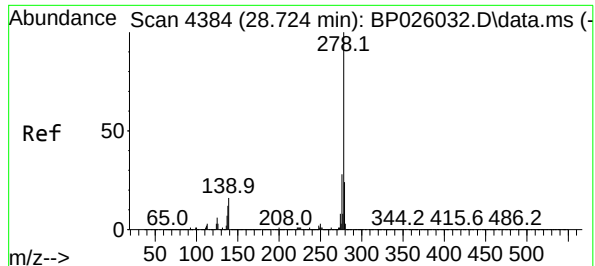
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

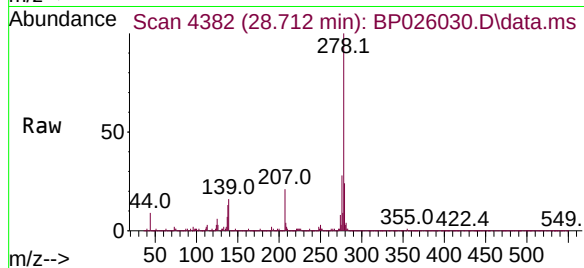
125 11.2 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 10.142 ng
RT: 28.712 min Scan# 4384
Delta R.T. -0.035 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

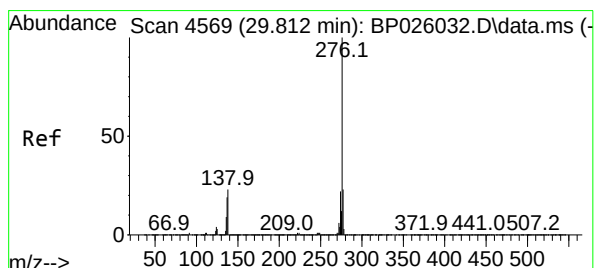
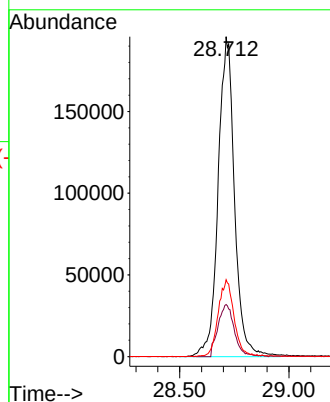
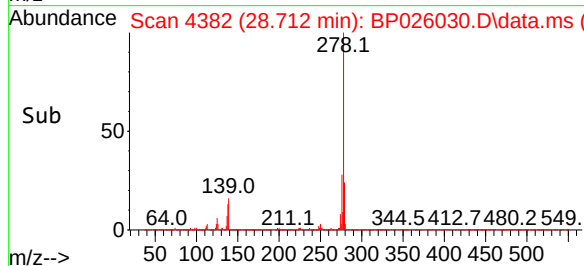
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 278 Resp: 1020484
Ion Ratio Lower Upper
278 100
139 16.3 13.0 19.6
279 24.0 18.9 28.3

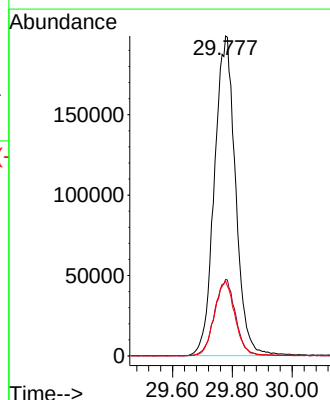
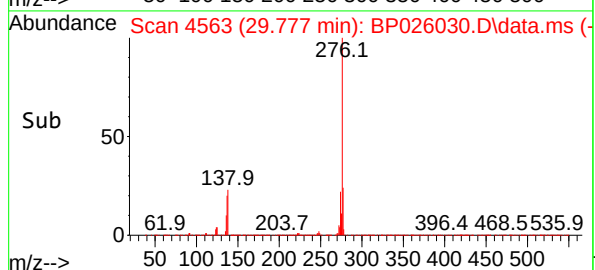
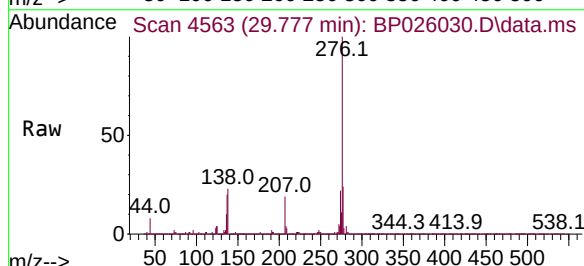
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#92
Benzo(g,h,i)perylene
Concen: 10.093 ng
RT: 29.777 min Scan# 4563
Delta R.T. -0.053 min
Lab File: BP026030.D
Acq: 29 Oct 2025 10:48

Tgt Ion: 276 Resp: 977235
Ion Ratio Lower Upper
276 100
277 23.9 18.5 27.7
138 23.4 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026031.D
 Acq On : 29 Oct 2025 11:29
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	347170	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1426046	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	884189	20.000	ng	0.00
64) Phenanthrene-d10	17.119	188	1764983	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1935916	20.000	ng	0.01
86) Perylene-d12	24.889	264	2082873	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	856596	40.714	ng	0.00
7) Phenol-d6	6.849	99	1092661	40.803	ng	0.00
23) Nitrobenzene-d5	8.819	82	931308	40.712	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	385788	40.359	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	2570497	41.774	ng	-0.01
79) Terphenyl-d14	19.860	244	3920732	41.147	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.237	88	180212	20.318	ng	100
3) Pyridine	3.625	79	516467	20.483	ng	99
4) n-Nitrosodimethylamine	3.537	42	205014	20.287	ng	99
6) Aniline	7.013	93	735067	20.567	ng	100
8) 2-Chlorophenol	7.255	128	470651	20.201	ng	97
9) Benzaldehyde	6.831	77	325513m	23.383	ng	
10) Phenol	6.878	94	607568	20.436	ng	99
11) bis(2-Chloroethyl)ether	7.113	93	476458	20.308	ng	99
12) 1,3-Dichlorobenzene	7.578	146	545717	20.396	ng	100
13) 1,4-Dichlorobenzene	7.719	146	550164	20.337	ng	100
14) 1,2-Dichlorobenzene	8.031	146	526607	20.400	ng	98
15) Benzyl Alcohol	7.913	79	381569	19.765	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	729715	20.579	ng	100
17) 2-Methylphenol	8.113	107	397383	20.413	ng	99
18) Hexachloroethane	8.760	117	185631	20.053	ng	100
19) n-Nitroso-di-n-propyla...	8.478	70	352850	21.226	ng	99
20) 3+4-Methylphenols	8.437	107	540688	19.965	ng	99
22) Acetophenone	8.484	105	739513	20.505	ng	99
24) Nitrobenzene	8.860	77	492888	20.407	ng	98
25) Isophorone	9.378	82	1005233	20.531	ng	99
26) 2-Nitrophenol	9.566	139	152813	18.908	ng	99
27) 2,4-Dimethylphenol	9.625	122	401111	19.481	ng	99
28) bis(2-Chloroethoxy)met...	9.866	93	622000	20.157	ng	99
29) 2,4-Dichlorophenol	10.090	162	438904	20.189	ng	99
30) 1,2,4-Trichlorobenzene	10.313	180	480041	20.315	ng	98
31) Naphthalene	10.496	128	1598863	20.560	ng	100
32) Benzoic acid	9.713	122	181442	19.682	ng	97
33) 4-Chloroaniline	10.596	127	609114	20.383	ng	99
34) Hexachlorobutadiene	10.796	225	298535	19.881	ng	98
35) Caprolactam	11.343	113	146841	19.234	ng	97
36) 4-Chloro-3-methylphenol	11.719	107	464170	20.367	ng	99
37) 2-Methylnaphthalene	12.107	142	1100141	20.213	ng	99
38) 1-Methylnaphthalene	12.331	142	1075202	20.334	ng	98
40) 1,2,4,5-Tetrachloroben...	12.484	216	562803	20.486	ng	100
41) Hexachlorocyclopentadiene	12.472	237	175347	17.444	ng	100
43) 2,4,6-Trichlorophenol	12.725	196	328962	20.258	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026031.D
 Acq On : 29 Oct 2025 11:29
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:05 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 29 15:29:49 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.790	196	375399	20.260	ng	97
46) 1,1'-Biphenyl	13.137	154	1394592	20.599	ng	100
47) 2-Chloronaphthalene	13.172	162	1103115	20.709	ng	99
48) 2-Nitroaniline	13.366	65	237733	19.391	ng	98
49) Acenaphthylene	14.031	152	1619778	20.863	ng	100
50) Dimethylphthalate	13.766	163	1318220	20.496	ng	100
51) 2,6-Dinitrotoluene	13.872	165	206491	19.266	ng	96
52) Acenaphthene	14.372	154	1102148	20.678	ng	100
53) 3-Nitroaniline	14.201	138	261900	19.720	ng	99
54) 2,4-Dinitrophenol	14.407	184	72866	20.106	ng	93
55) Dibenzofuran	14.713	168	1667180	20.703	ng	99
56) 4-Nitrophenol	14.507	139	273512	21.327	ng	97
57) 2,4-Dinitrotoluene	14.666	165	300694	19.242	ng	99
58) Fluorene	15.378	166	1326773	21.030	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.942	232	293495	20.145	ng	99
60) Diethylphthalate	15.154	149	1311790	20.288	ng	99
61) 4-Chlorophenyl-phenyle...	15.378	204	650778	20.656	ng	100
62) 4-Nitroaniline	15.378	138	290147	21.112	ng	98
63) Azobenzene	15.678	77	1206973	20.597	ng	98
65) 4,6-Dinitro-2-methylph...	15.448	198	113887	20.196	ng	99
66) n-Nitrosodiphenylamine	15.590	169	1131476	20.503	ng	100
67) 4-Bromophenyl-phenylether	16.295	248	391458	19.995	ng	99
68) Hexachlorobenzene	16.407	284	452701	20.312	ng	98
69) Atrazine	16.572	200	389382	20.916	ng	96
70) Pentachlorophenol	16.754	266	252504	18.548	ng	99
71) Phenanthrene	17.166	178	2134410	20.777	ng	100
72) Anthracene	17.254	178	2109900	20.719	ng	100
73) Carbazole	17.536	167	2054988	21.318	ng	99
74) Di-n-butylphthalate	18.148	149	2189917	20.303	ng	100
75) Fluoranthene	19.254	202	2516802	21.002	ng	99
77) Benzidine	19.454	184	984237	20.030	ng	99
78) Pyrene	19.630	202	2700976	20.628	ng	100
80) Butylbenzylphthalate	20.607	149	787044	18.358	ng	98
81) Benzo(a)anthracene	21.554	228	2723711	20.474	ng	100
82) 3,3'-Dichlorobenzidine	21.477	252	821245	19.160	ng	100
83) Chrysene	21.624	228	2610441	20.715	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	1336224	18.694	ng	100
85) Di-n-octyl phthalate	22.807	149	1984874	17.224	ng	99
87) Indeno(1,2,3-cd)pyrene	28.648	276	3205879m	20.856	ng	
88) Benzo(b)fluoranthene	23.836	252	2661543	20.584	ng	100
89) Benzo(k)fluoranthene	23.907	252	2720350	20.602	ng	99
90) Benzo(a)pyrene	24.724	252	2440075	20.541	ng	100
91) Dibenzo(a,h)anthracene	28.730	278	2601046	20.785	ng	99
92) Benzo(g,h,i)perylene	29.806	276	2538211	21.078	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

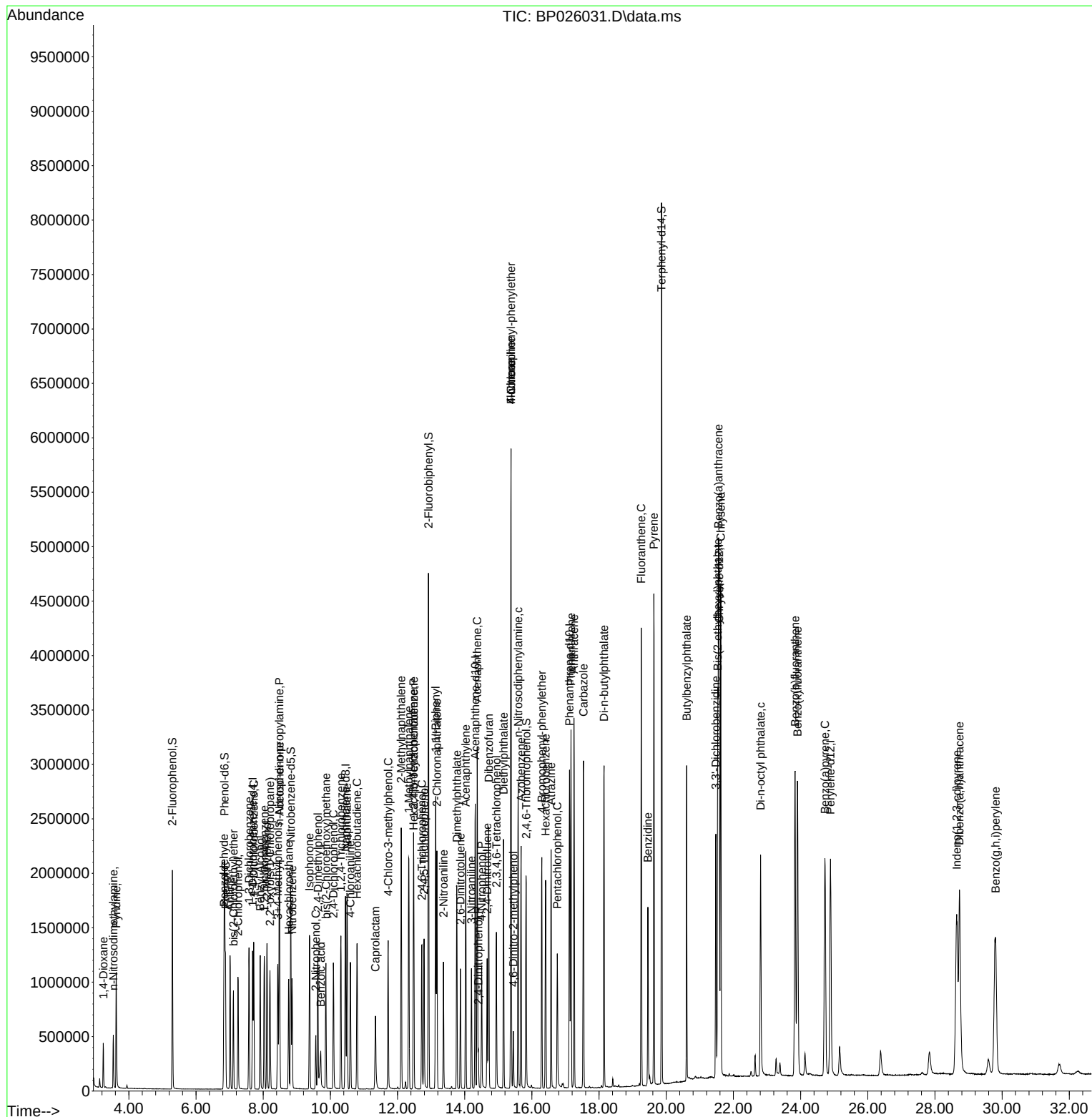
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026031.D
Acq On : 29 Oct 2025 11:29
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

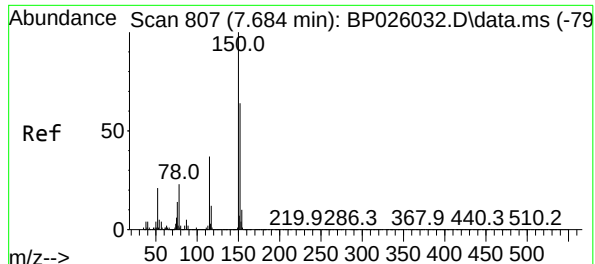
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

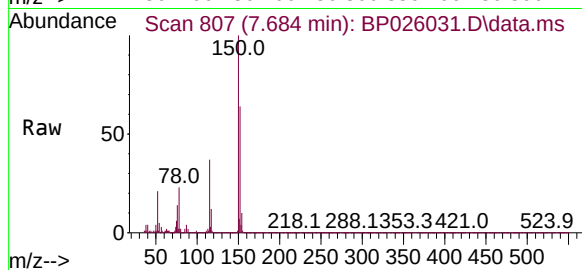
Quant Time: Oct 29 18:08:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

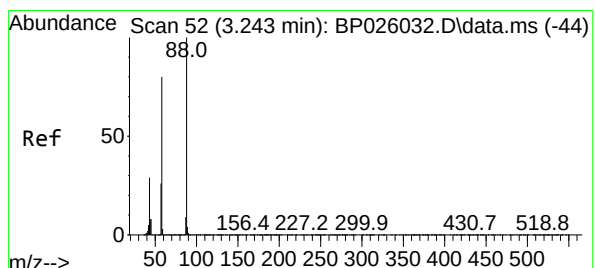
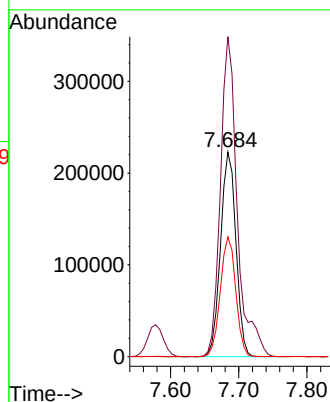
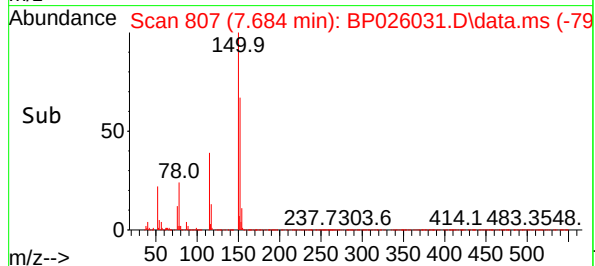
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 347176
Ion Ratio Lower Upper
152 100
150 156.4 125.7 188.5
115 58.6 46.4 69.6

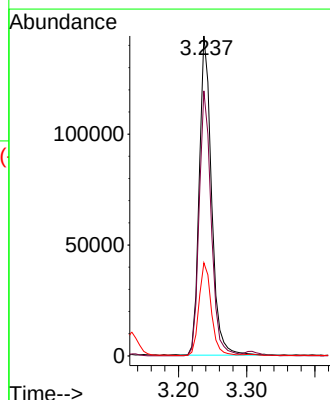
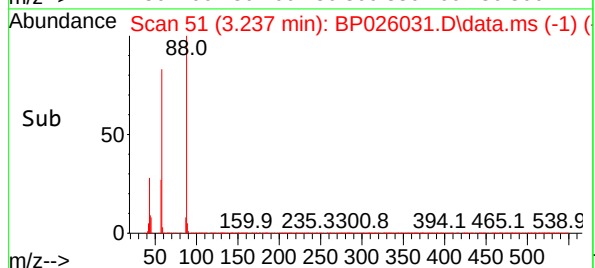
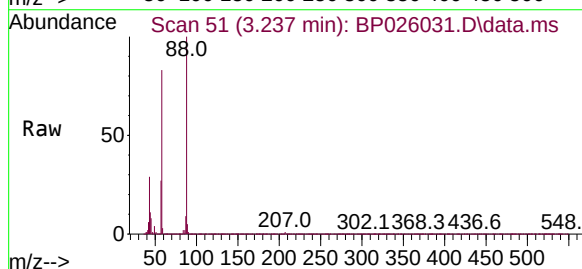
Manual Integrations
APPROVED

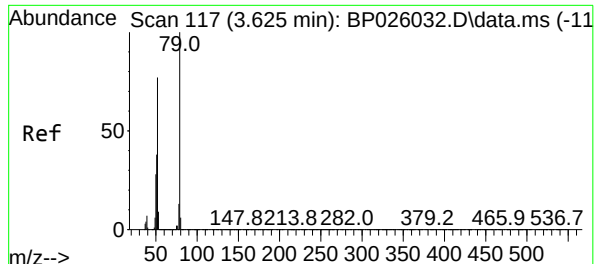
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#2
1,4-Dioxane
Concen: 20.318 ng
RT: 3.237 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

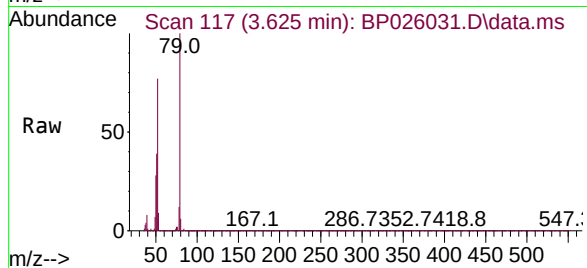
Tgt Ion: 88 Resp: 180212
Ion Ratio Lower Upper
88 100
58 81.6 65.4 98.0
43 29.2 23.1 34.7





#3
Pyridine
Concen: 20.483 ng
RT: 3.625 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

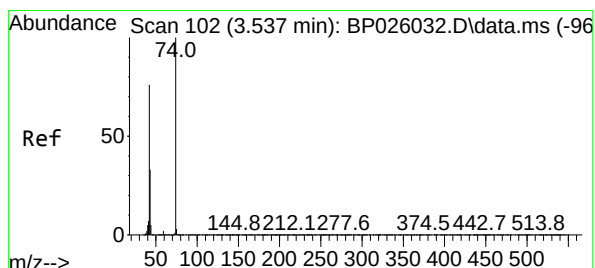
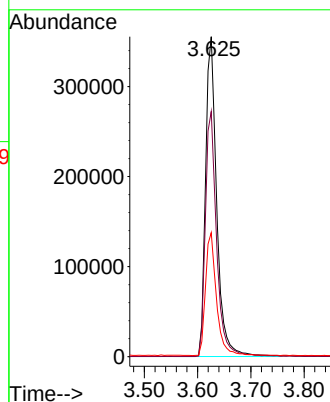
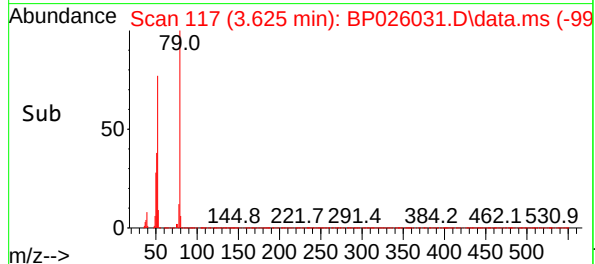
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 79 Resp: 516462
Ion Ratio Lower Upper
79 100
52 76.6 62.0 93.0
51 38.7 30.6 46.0

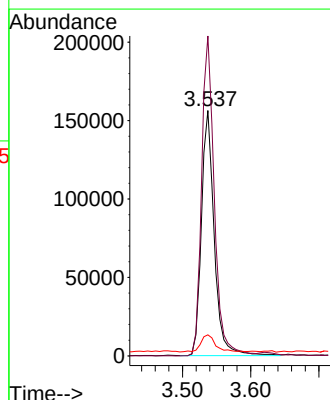
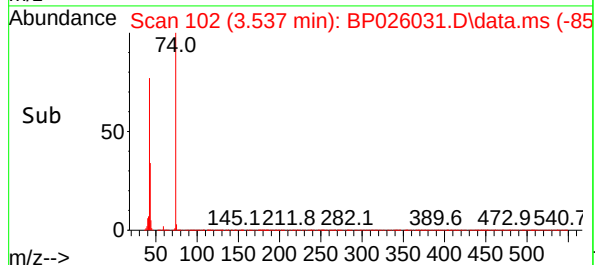
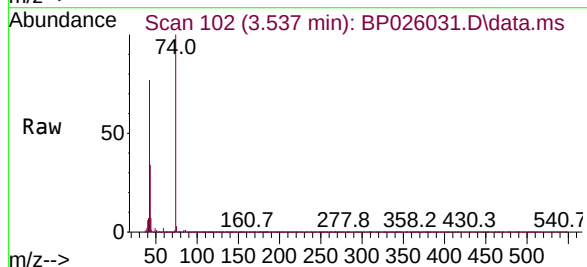
Manual Integrations
APPROVED

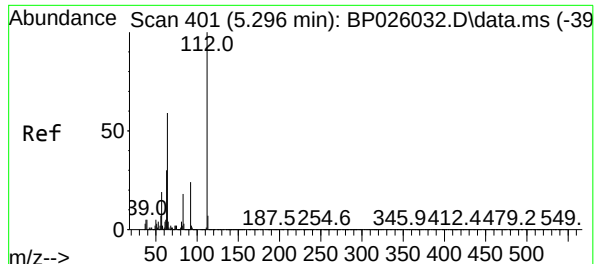
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#4
n-Nitrosodimethylamine
Concen: 20.287 ng
RT: 3.537 min Scan# 102
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 42 Resp: 205014
Ion Ratio Lower Upper
42 100
74 130.4 105.7 158.5
44 8.6 6.6 9.8





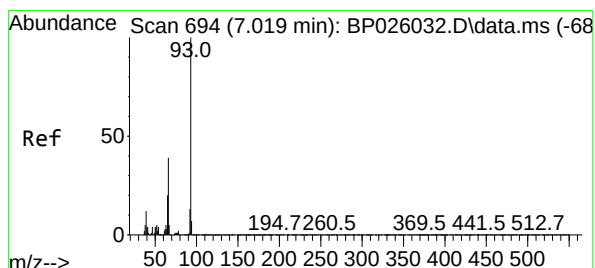
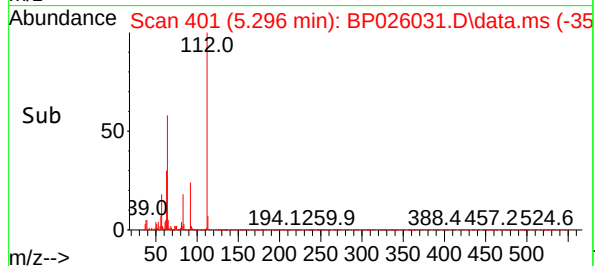
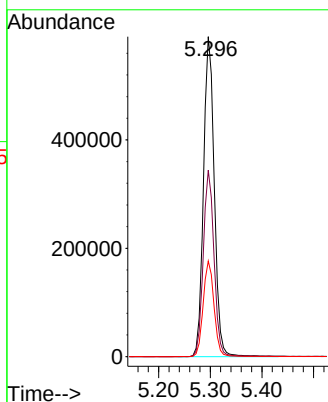
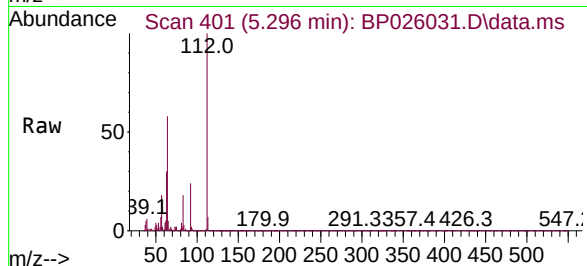
#5
2-Fluorophenol
Concen: 40.714 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
Client Sample Id :
SSTDICC020

Tgt Ion: 112 Resp: 856596
Ion Ratio Lower Upper
112 100
64 58.3 47.4 71.2
63 29.9 24.2 36.4

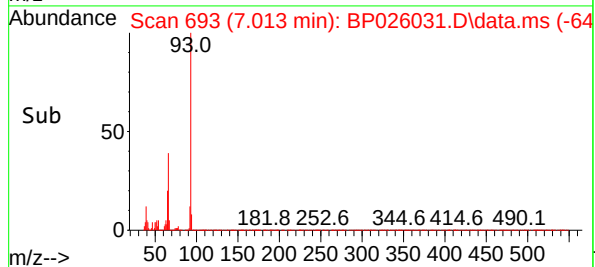
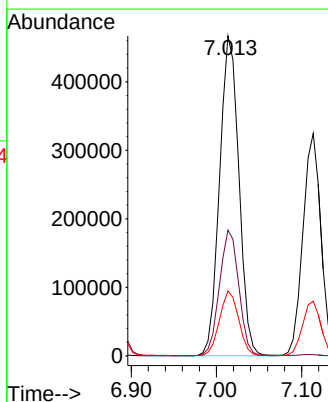
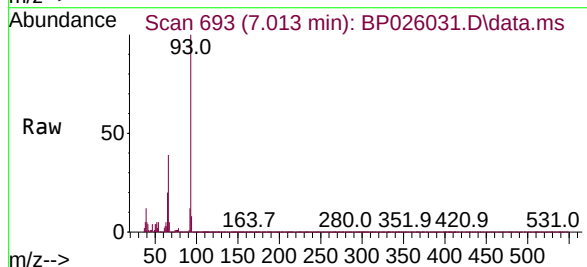
Manual Integrations
APPROVED

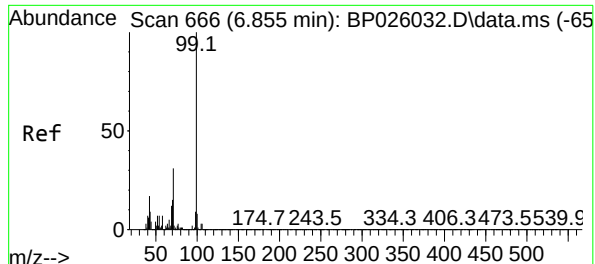
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#6
Aniline
Concen: 20.567 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

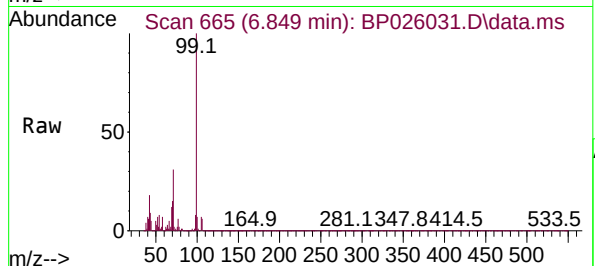
Tgt Ion: 93 Resp: 735067
Ion Ratio Lower Upper
93 100
66 39.3 31.2 46.8
65 20.3 16.1 24.1





#7
Phenol-d6
Concen: 40.803 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

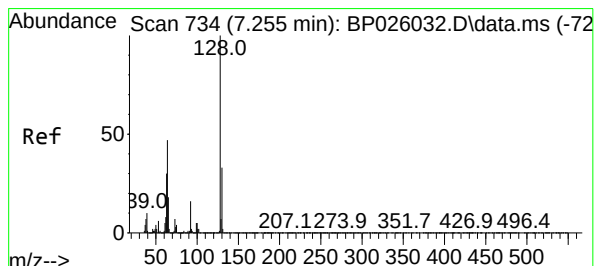
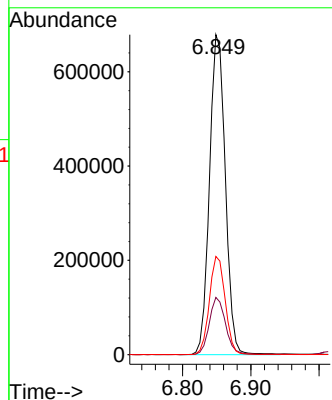
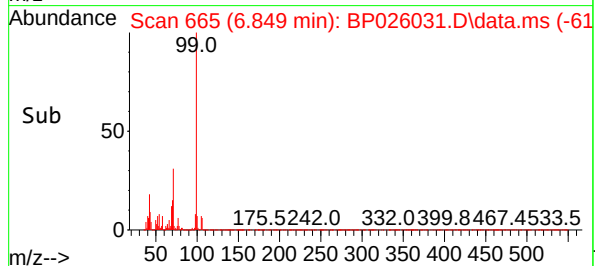
Instrument :
BNA_P
Client Sample Id :
SSTDICC020



Tgt Ion: 99 Resp: 109266
Ion Ratio Lower Upper
99 100
42 17.9 13.7 20.5
71 30.7 24.4 36.6

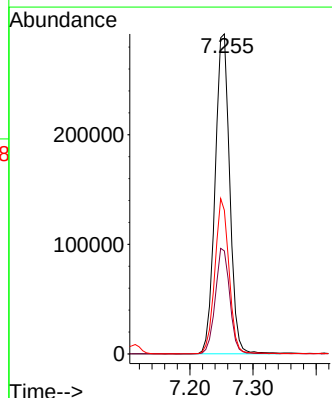
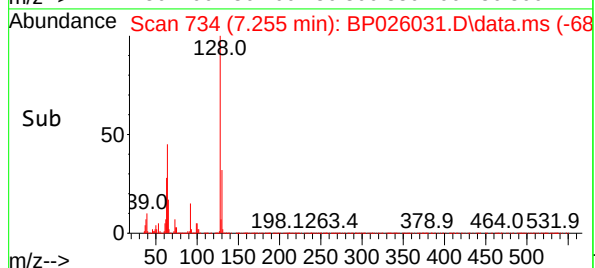
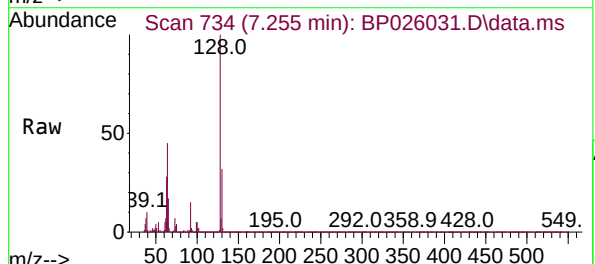
Manual Integrations
APPROVED

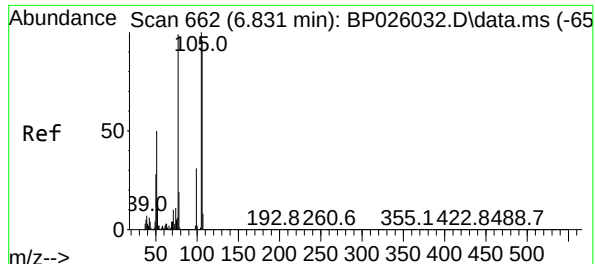
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#8
2-Chlorophenol
Concen: 20.201 ng
RT: 7.255 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

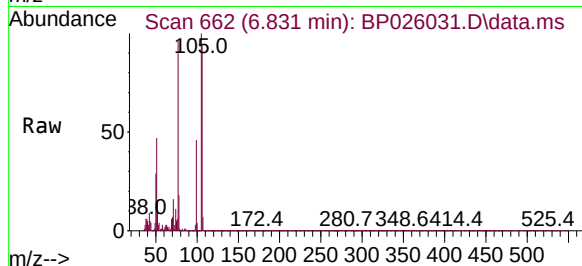
Tgt Ion:128 Resp: 470651
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 44.9 27.4 67.4





#9
Benzaldehyde
Concen: 23.383 ng m
RT: 6.831 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

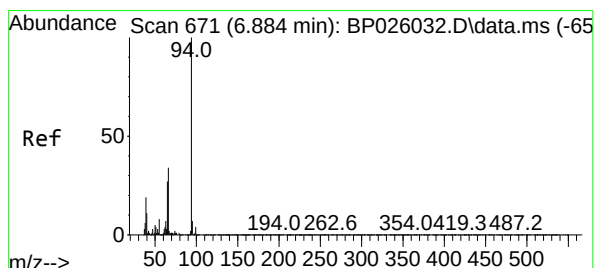
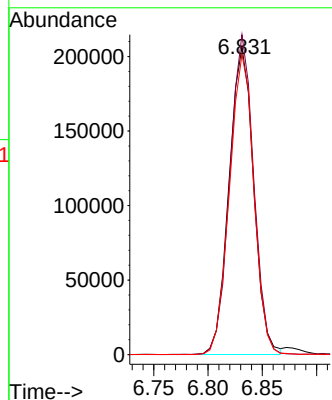
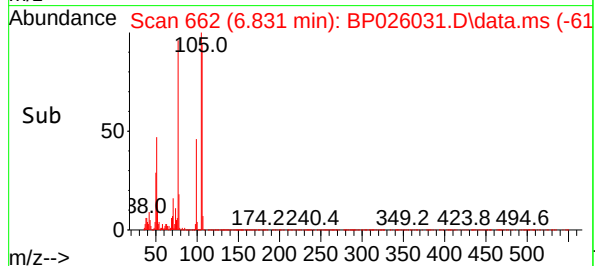
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 325513
Ion Ratio Lower Upper
77 100
105 104.1 80.7 120.7
106 97.6 76.5 116.5

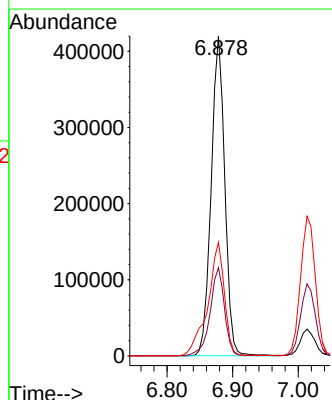
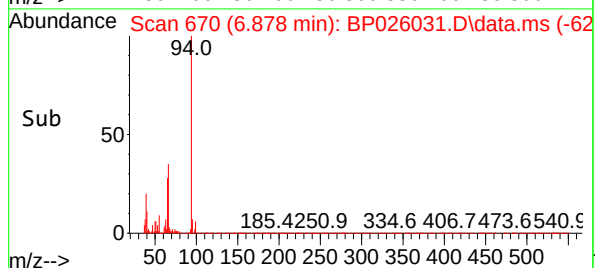
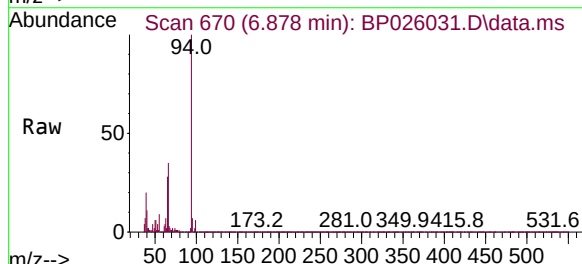
Manual Integrations
APPROVED

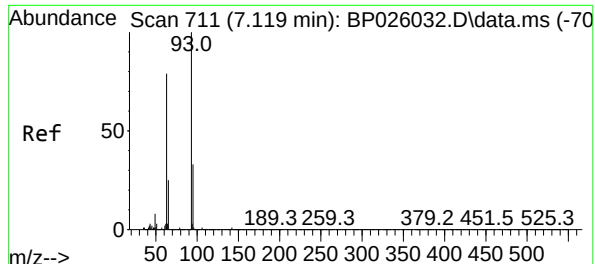
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#10
Phenol
Concen: 20.436 ng
RT: 6.878 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 94 Resp: 607568
Ion Ratio Lower Upper
94 100
65 27.6 7.1 47.1
66 35.5 14.4 54.4





#11

bis(2-Chloroethyl)ether

Concen: 20.308 ng

RT: 7.113 min Scan# 711

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 476458

Ion Ratio Lower Upper

93 100

63 79.5 59.1 99.1

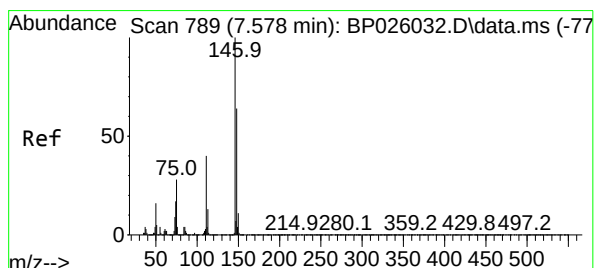
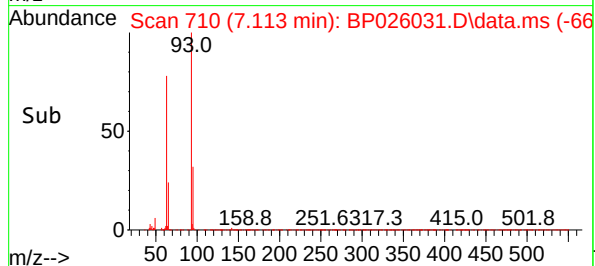
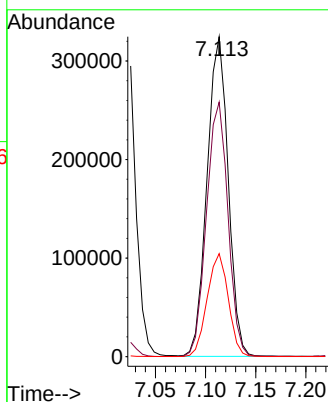
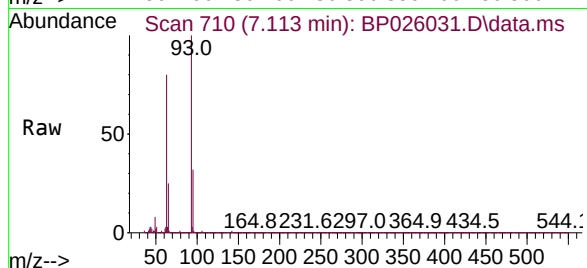
95 32.2 12.6 52.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#12

1,3-Dichlorobenzene

Concen: 20.396 ng

RT: 7.578 min Scan# 789

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

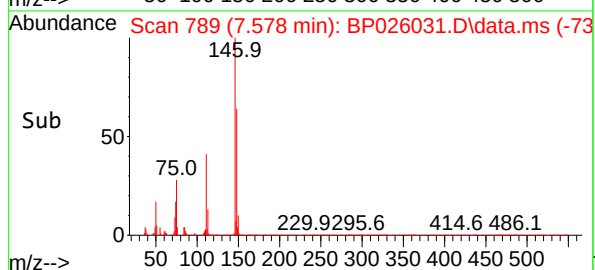
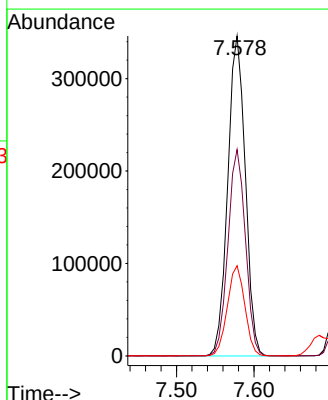
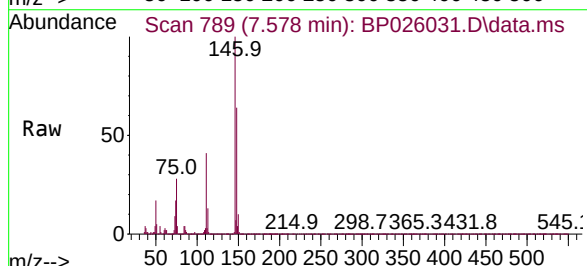
Tgt Ion:146 Resp: 545717

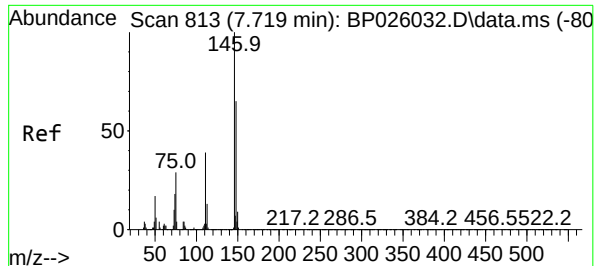
Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

75 28.2 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 20.337 ng

RT: 7.719 min Scan# 813

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 550164

Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.2

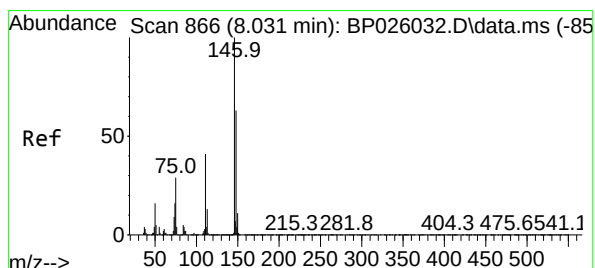
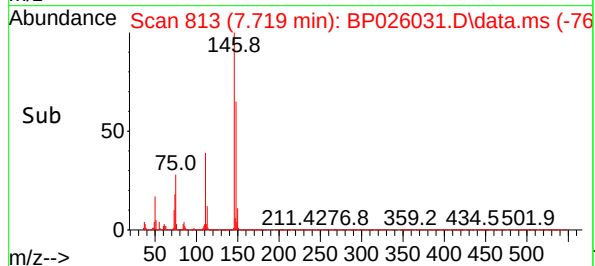
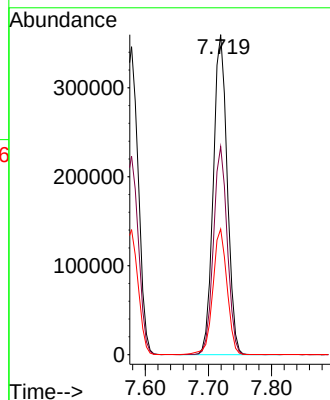
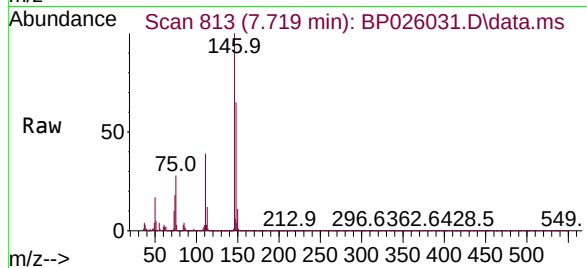
111 39.2 31.3 46.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#14

1,2-Dichlorobenzene

Concen: 20.400 ng

RT: 8.031 min Scan# 866

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

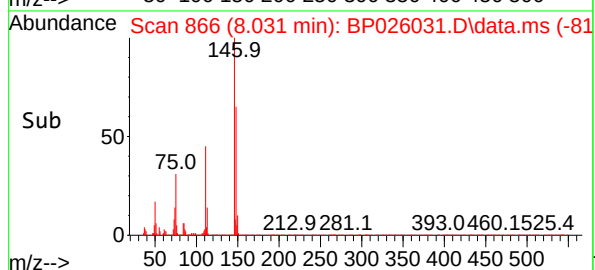
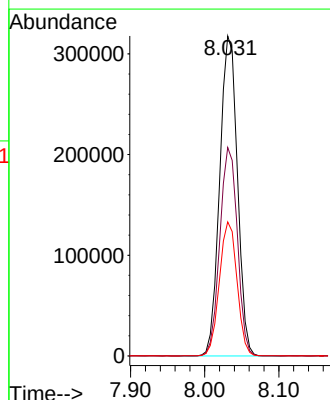
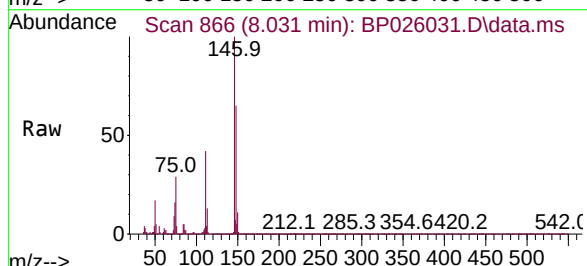
Tgt Ion:146 Resp: 526607

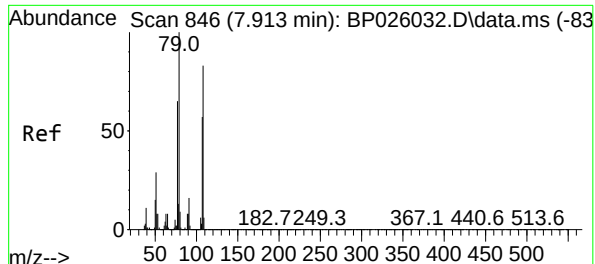
Ion Ratio Lower Upper

146 100

148 65.1 50.8 76.2

111 41.9 33.0 49.4





#15

Benzyl Alcohol

Concen: 19.765 ng

RT: 7.913 min Scan# 846

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 381569

Ion Ratio Lower Upper

79 100

108 81.2 66.0 99.0

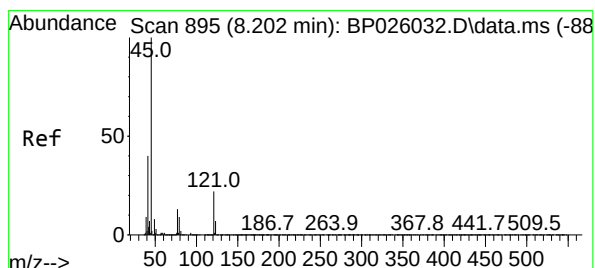
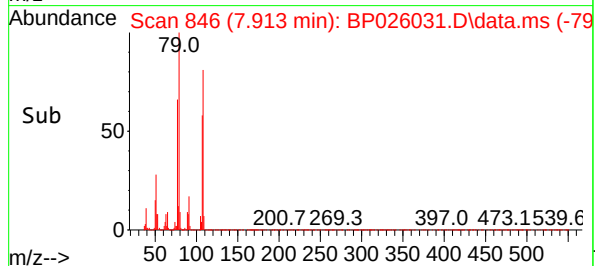
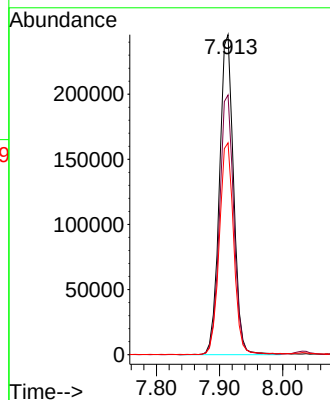
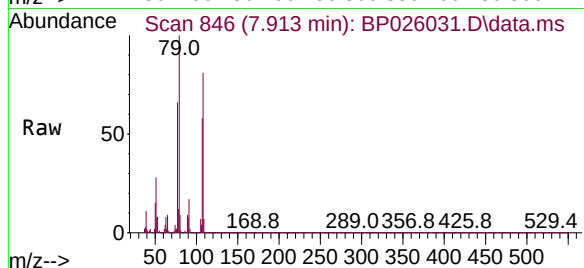
77 66.2 52.3 78.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.579 ng

RT: 8.202 min Scan# 895

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

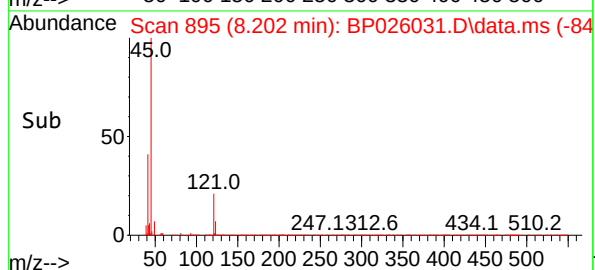
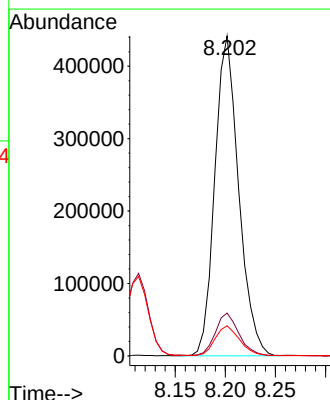
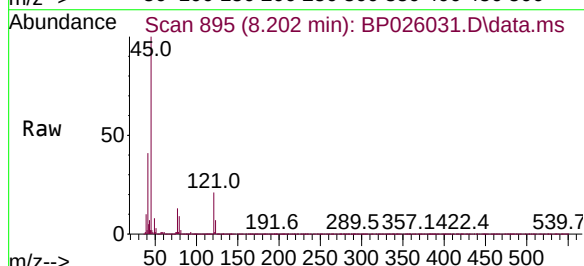
Tgt Ion: 45 Resp: 729715

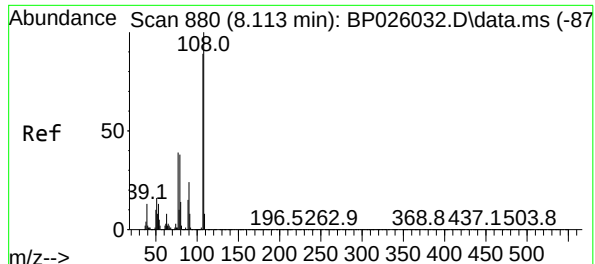
Ion Ratio Lower Upper

45 100

77 13.4 0.0 33.2

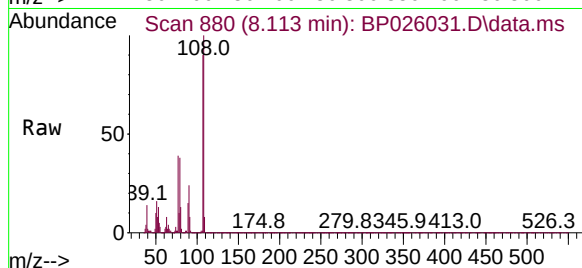
79 9.4 0.0 29.5





#17
2-Methylphenol
Concen: 20.413 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

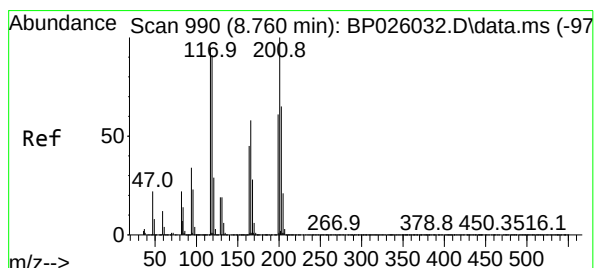
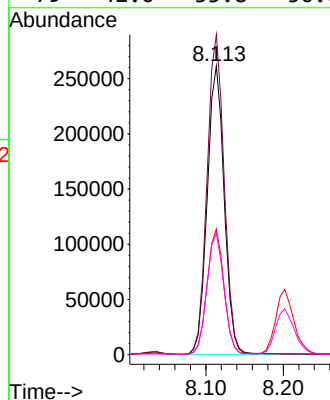
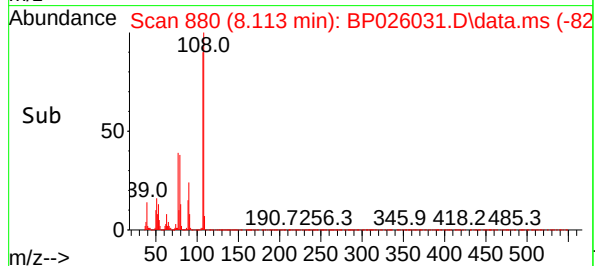
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:107 Resp: 397383
Ion Ratio Lower Upper
107 100
108 110.8 89.8 134.8
77 43.5 34.8 52.2
79 42.0 33.8 50.6

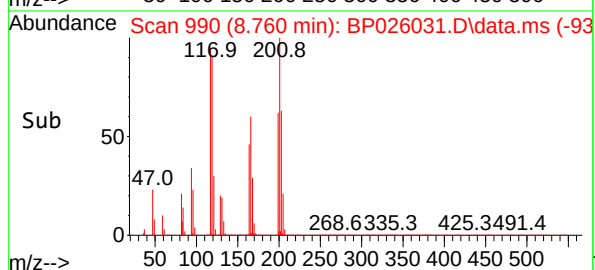
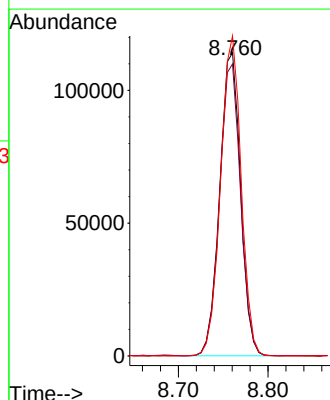
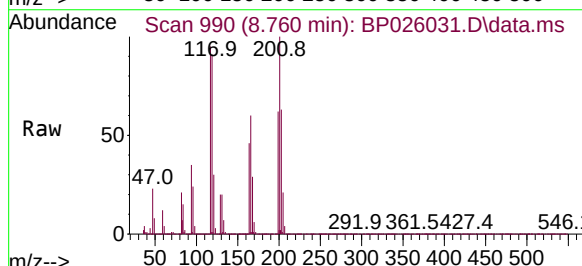
Manual Integrations
APPROVED

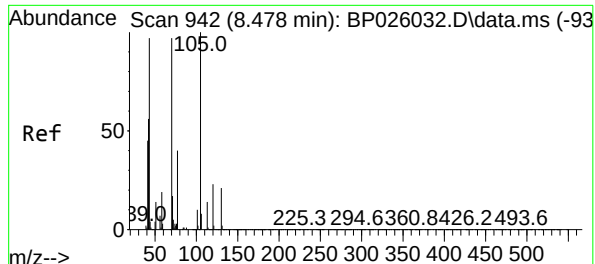
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#18
Hexachloroethane
Concen: 20.053 ng
RT: 8.760 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:117 Resp: 185631
Ion Ratio Lower Upper
117 100
119 96.3 76.5 114.7
201 105.6 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 21.226 ng

RT: 8.478 min Scan# 942

Delta R.T. -0.011 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 352850

Ion Ratio Lower Upper

70 100

42 59.6 47.2 70.8

101 9.6 8.2 12.2

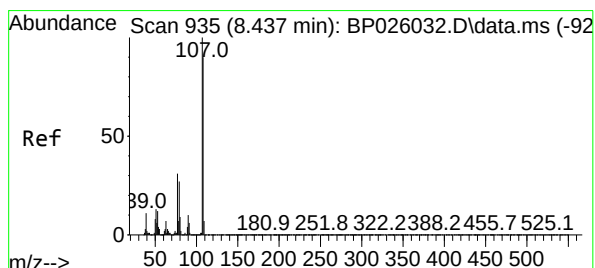
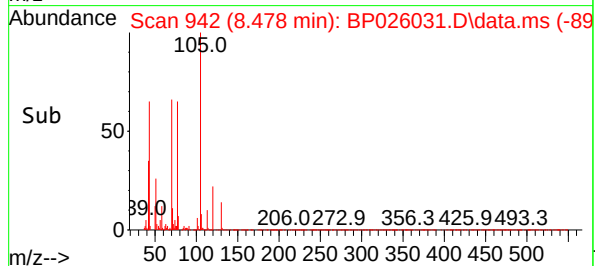
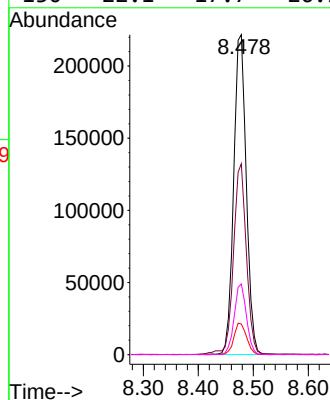
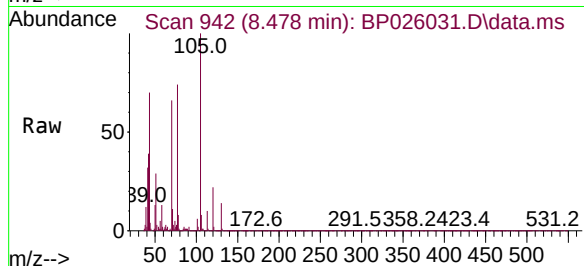
130 22.1 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#20

3+4-Methylphenols

Concen: 19.965 ng

RT: 8.437 min Scan# 935

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Tgt Ion:107 Resp: 540688

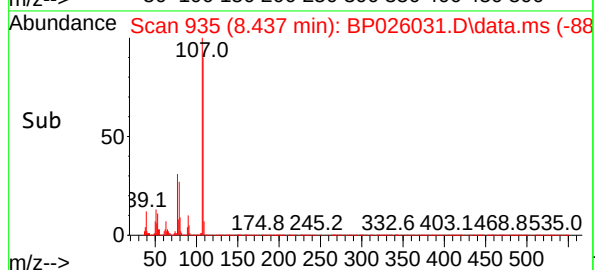
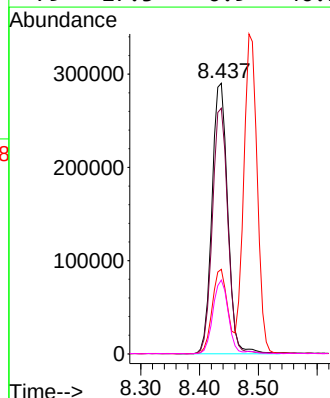
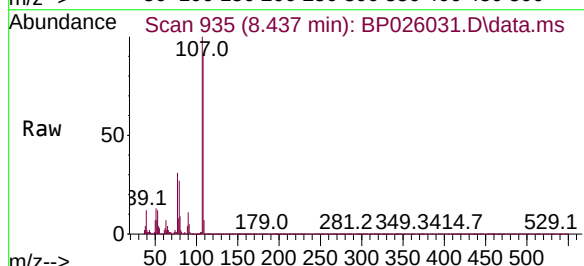
Ion Ratio Lower Upper

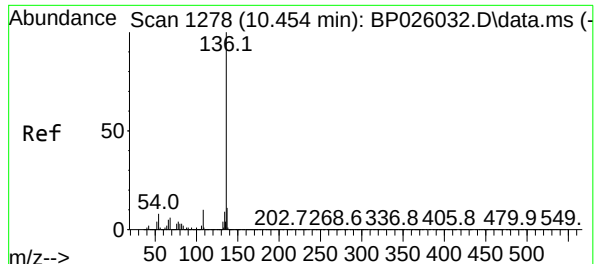
107 100

108 90.8 70.1 110.1

77 31.3 10.7 50.7

79 27.3 6.9 46.9





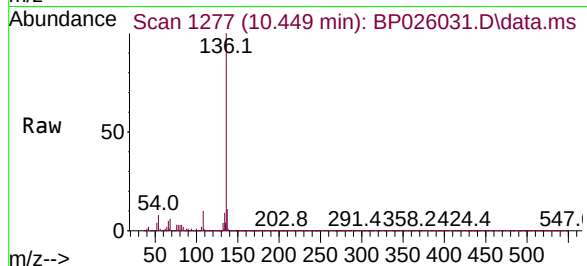
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

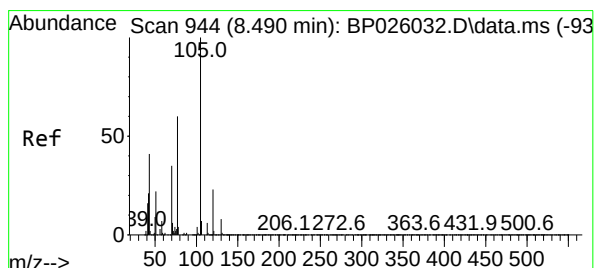
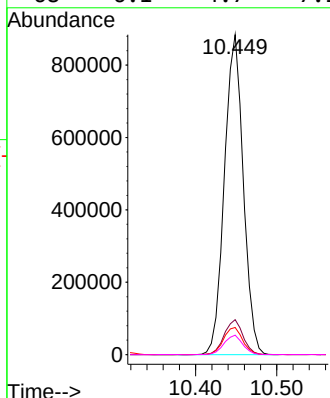
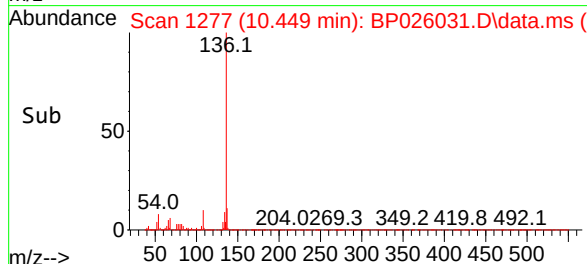


Tgt Ion:136 Resp: 1426046
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.5 6.6 10.0
68 6.1 4.7 7.1

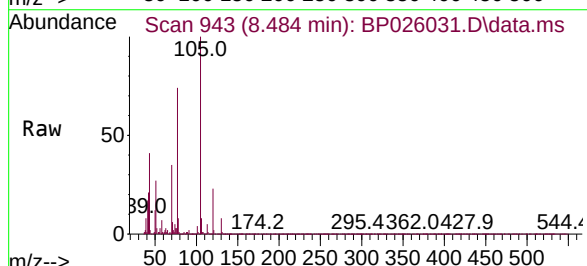
Manual Integrations

APPROVED

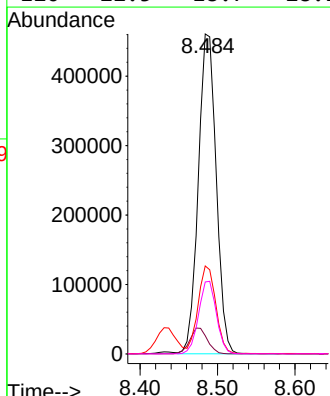
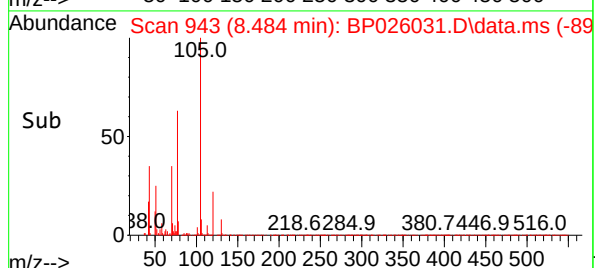
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

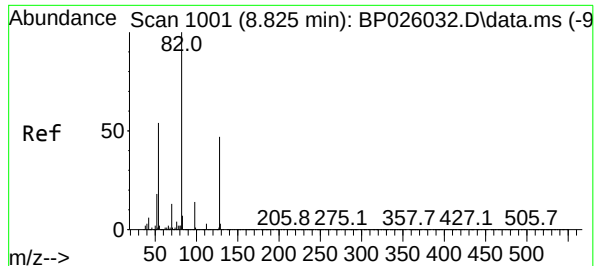


#22
Acetophenone
Concen: 20.505 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29



Tgt Ion:105 Resp: 739513
Ion Ratio Lower Upper
105 100
71 5.7 4.7 7.1
51 27.5 21.8 32.8
120 22.5 18.7 28.1





#23

Nitrobenzene-d5

Concen: 40.712 ng

RT: 8.819 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 931308

Ion Ratio Lower Upper

82 100

128 45.8 37.4 56.0

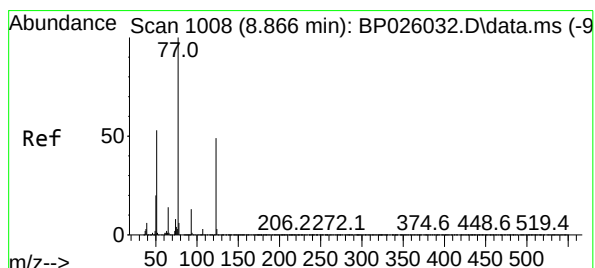
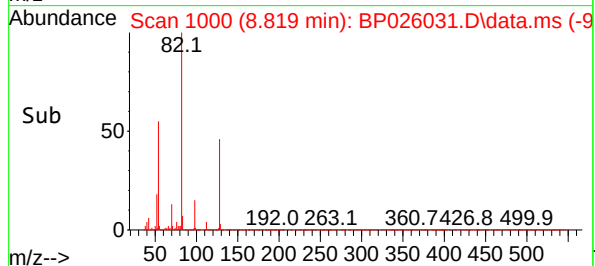
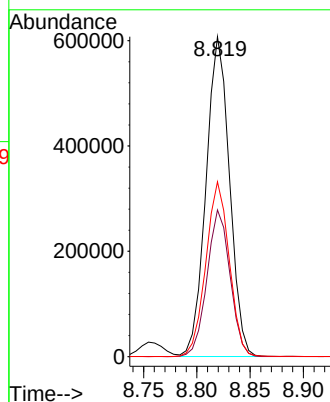
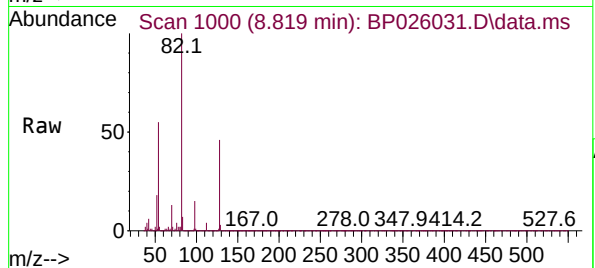
54 54.6 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#24

Nitrobenzene

Concen: 20.407 ng

RT: 8.860 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

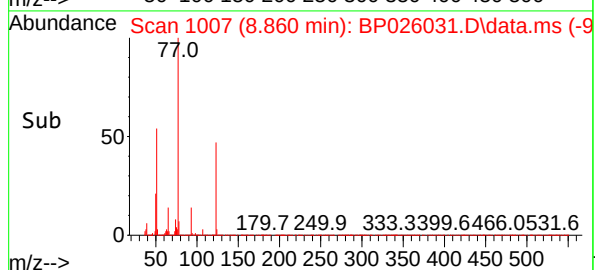
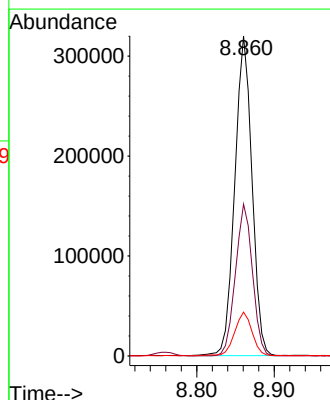
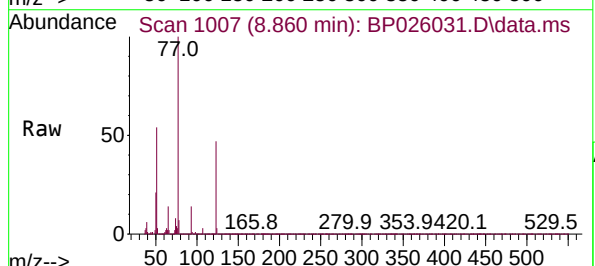
Tgt Ion: 77 Resp: 492888

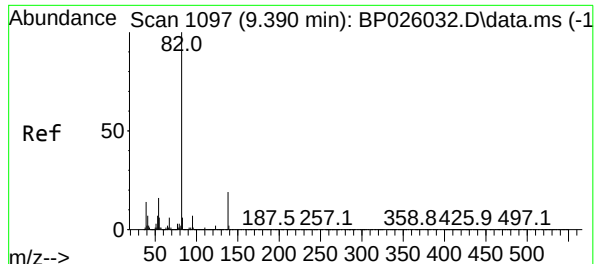
Ion Ratio Lower Upper

77 100

123 47.4 39.0 58.4

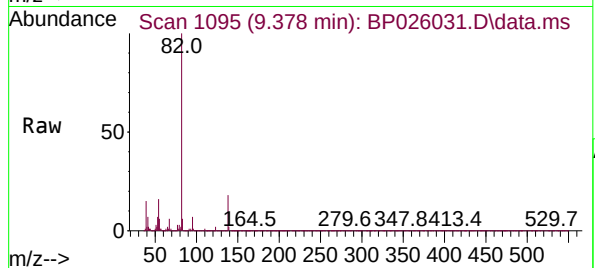
65 13.7 10.9 16.3





#25
Isophorone
Concen: 20.531 ng
RT: 9.378 min Scan# 1095
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

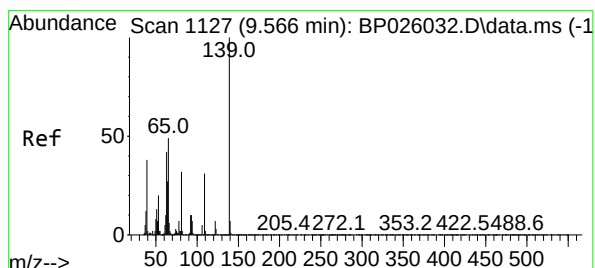
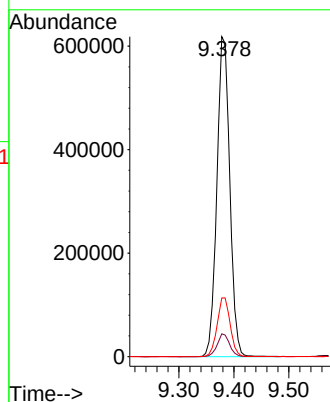
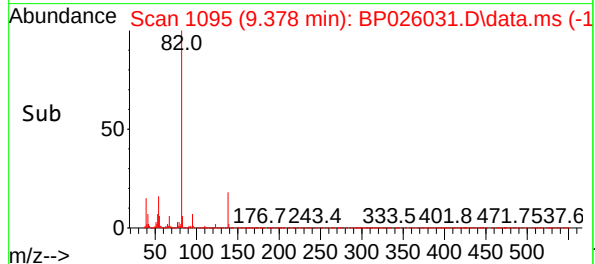
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 1005233
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 18.3 15.0 22.6

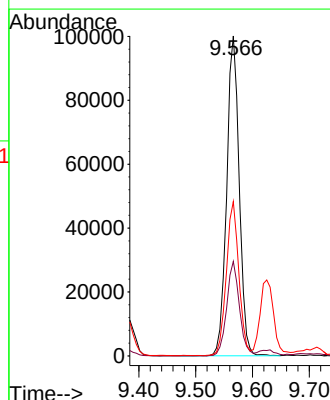
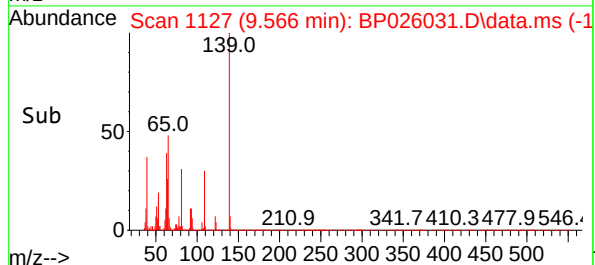
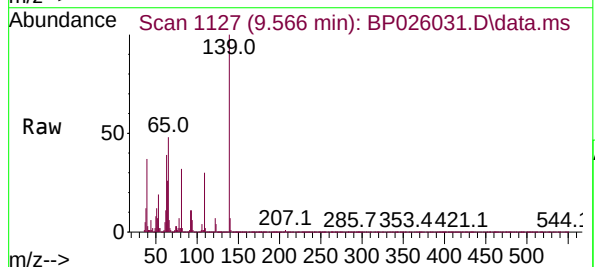
Manual Integrations
APPROVED

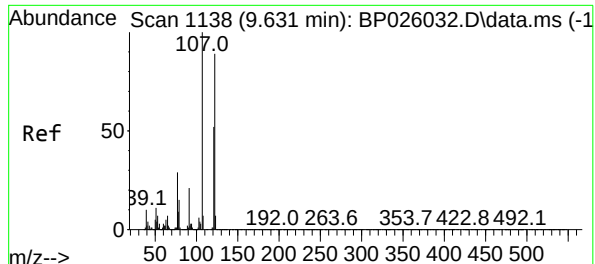
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#26
2-Nitrophenol
Concen: 18.908 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

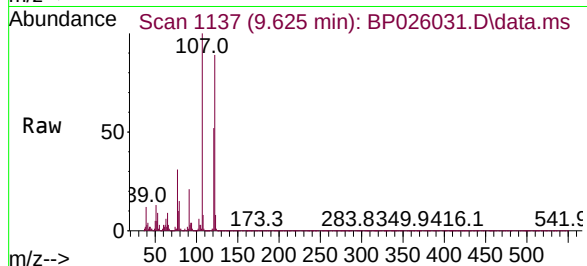
Tgt Ion:139 Resp: 152813
Ion Ratio Lower Upper
139 100
109 29.5 24.8 37.2
65 48.2 39.0 58.4





#27
2,4-Dimethylphenol
Concen: 19.481 ng
RT: 9.625 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

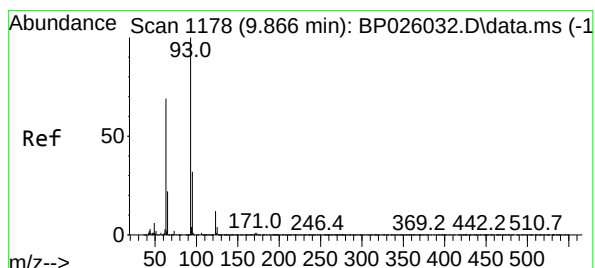
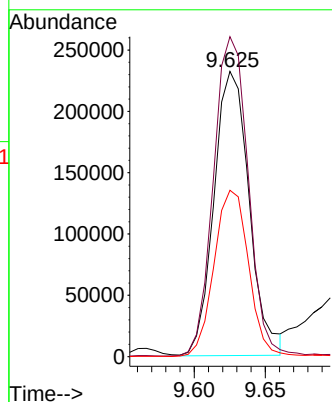
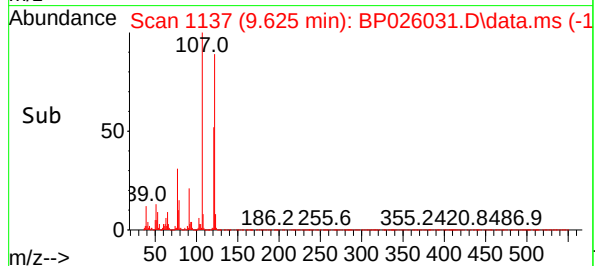
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 122 Resp: 401111
Ion Ratio Lower Upper
122 100
107 112.2 89.2 133.8
121 58.3 46.3 69.5

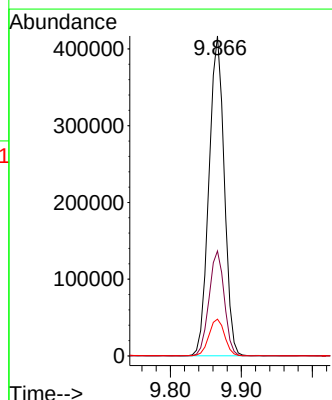
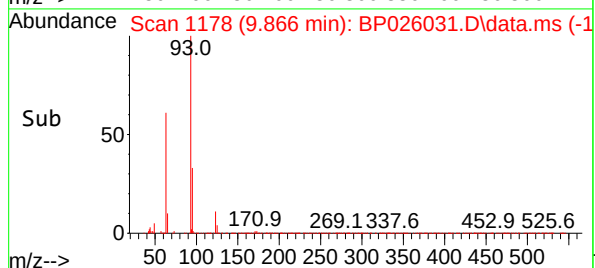
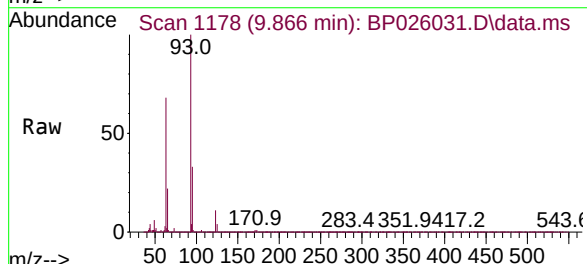
Manual Integrations
APPROVED

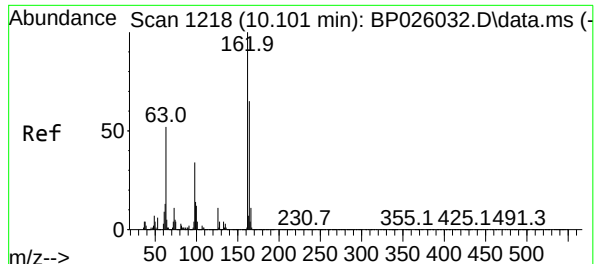
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#28
bis(2-Chloroethoxy)methane
Concen: 20.157 ng
RT: 9.866 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 93 Resp: 622000
Ion Ratio Lower Upper
93 100
95 32.8 25.8 38.6
123 11.5 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 20.189 ng

RT: 10.090 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 438904

Ion Ratio Lower Upper

162 100

164 63.8 44.6 84.6

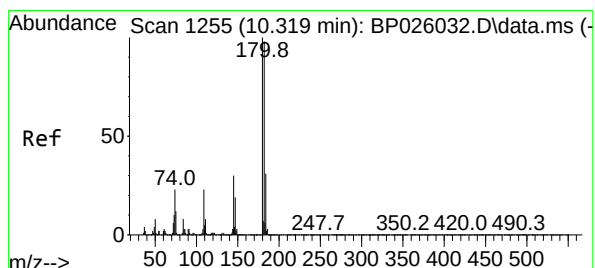
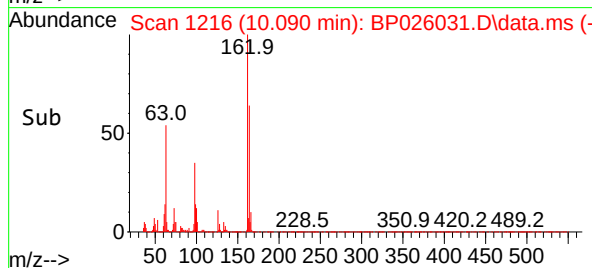
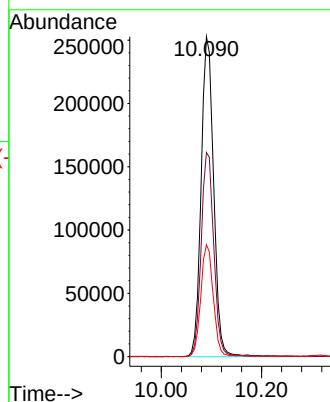
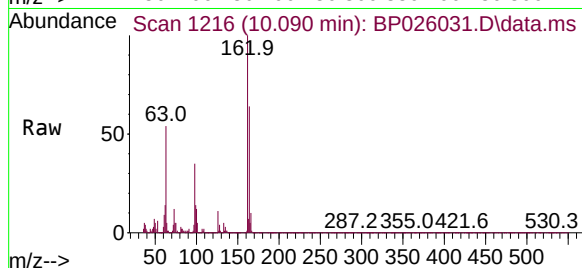
98 34.9 14.0 54.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 20.315 ng

RT: 10.313 min Scan# 1254

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

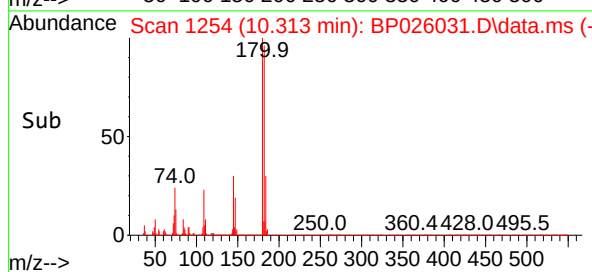
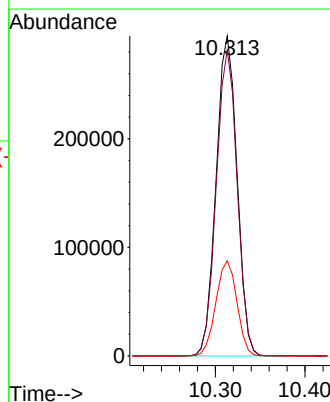
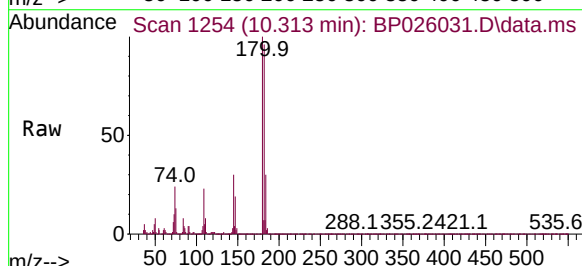
Tgt Ion:180 Resp: 480041

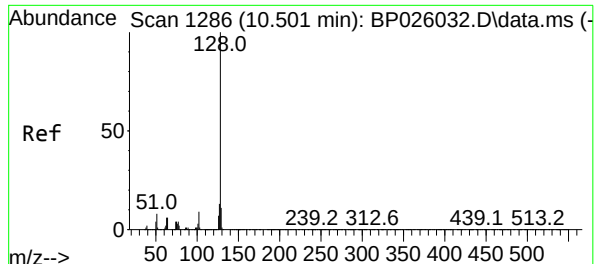
Ion Ratio Lower Upper

180 100

182 95.6 78.6 117.8

145 29.7 24.2 36.4





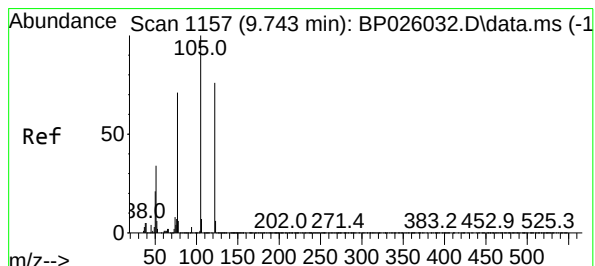
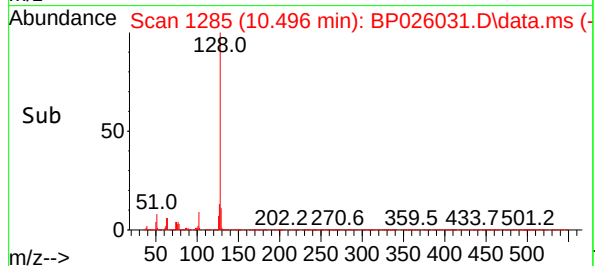
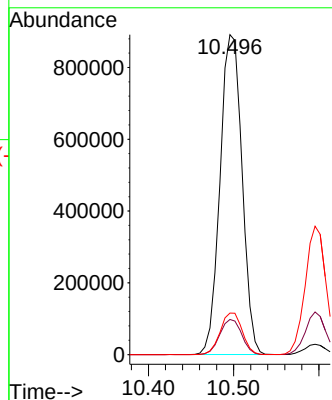
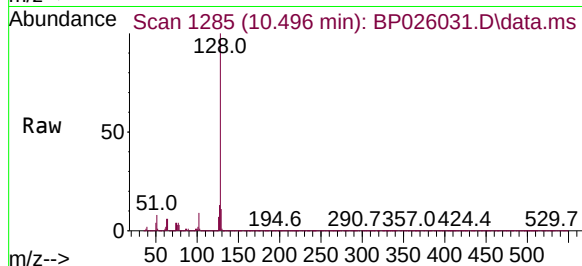
#31
Naphthalene
Concen: 20.560 ng
RT: 10.496 min Scan# 1128
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 159886
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.5 15.7

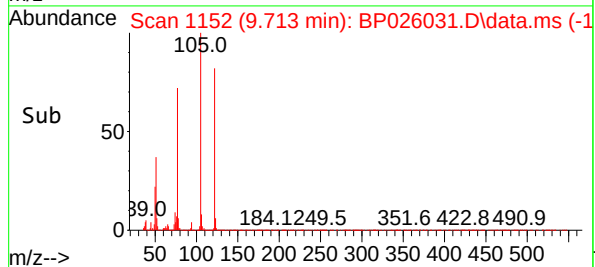
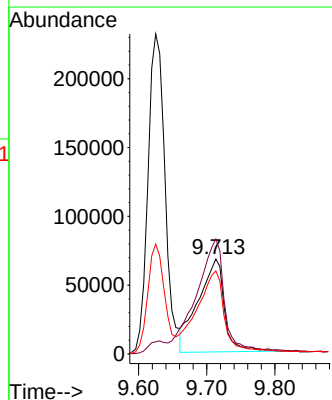
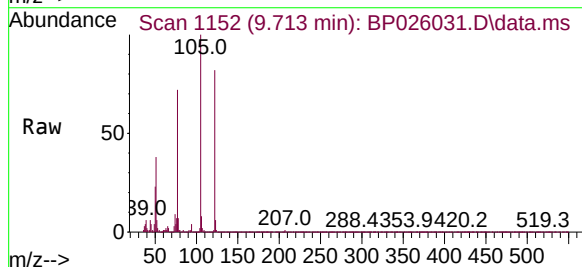
Manual Integrations
APPROVED

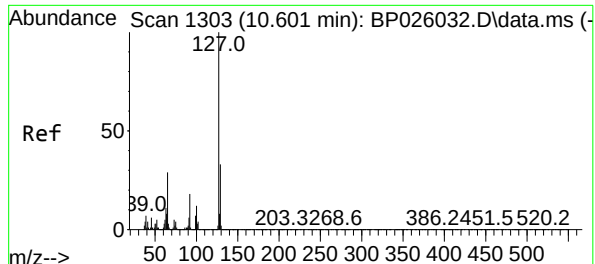
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#32
Benzoic acid
Concen: 19.682 ng
RT: 9.713 min Scan# 1152
Delta R.T. -0.065 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

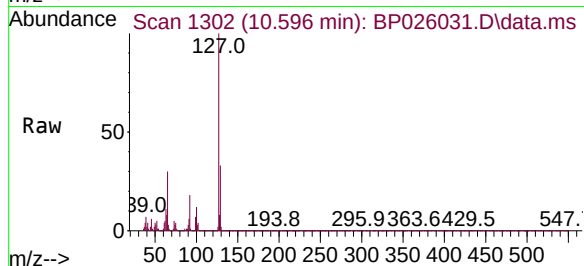
Tgt Ion:122 Resp: 181442
Ion Ratio Lower Upper
122 100
105 121.3 104.8 144.8
77 87.6 70.9 110.9





#33
4-Chloroaniline
Concen: 20.383 ng
RT: 10.596 min Scan# 1302
Delta R.T. 0.001 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

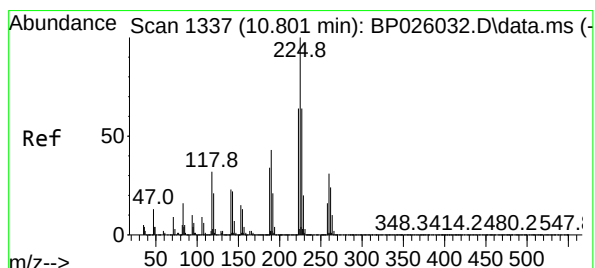
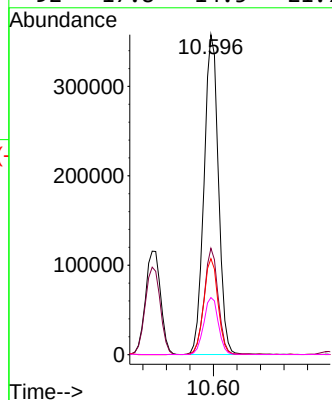
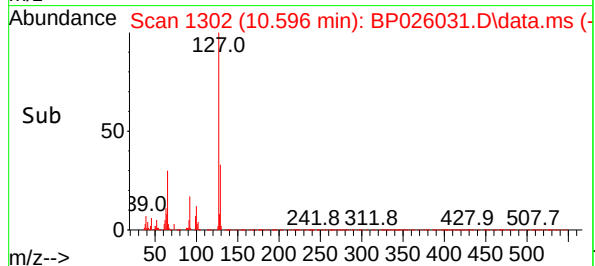
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



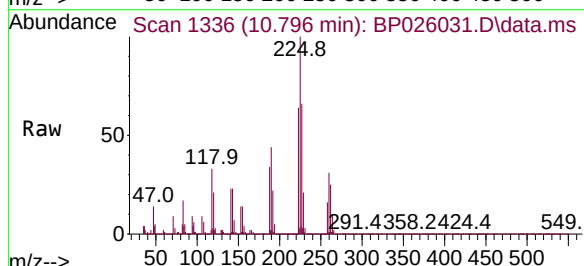
Tgt Ion:127 Resp: 609114
Ion Ratio Lower Upper
127 100
129 33.2 26.0 39.0
65 30.0 23.2 34.8
92 17.8 14.5 21.7

Manual Integrations
APPROVED

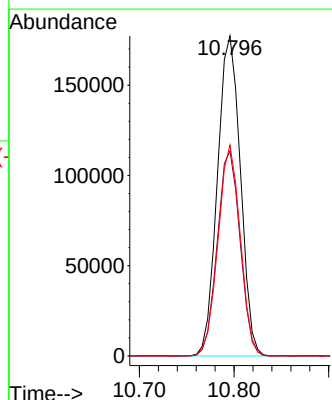
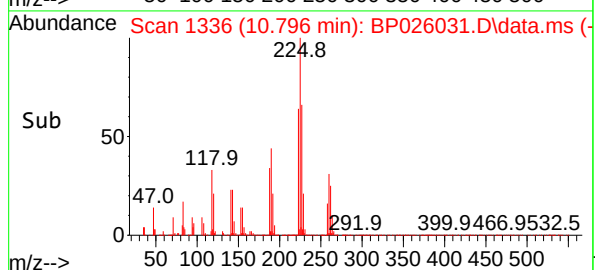
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

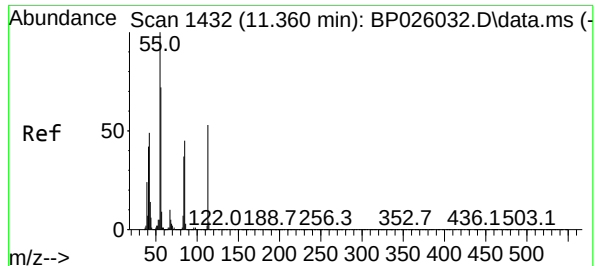


#34
Hexachlorobutadiene
Concen: 19.881 ng
RT: 10.796 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29



Tgt Ion:225 Resp: 298535
Ion Ratio Lower Upper
225 100
223 64.0 50.9 76.3
227 65.9 51.0 76.4





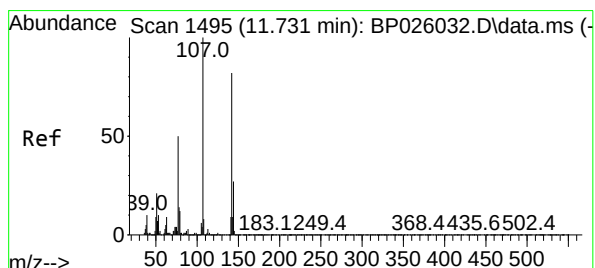
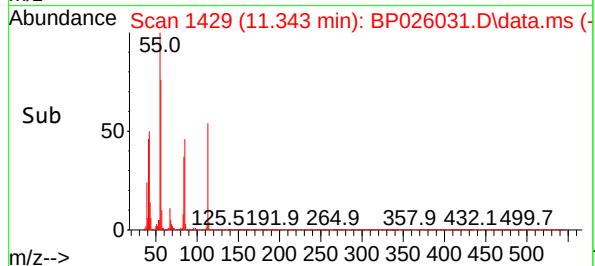
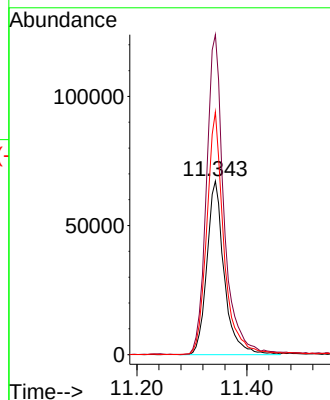
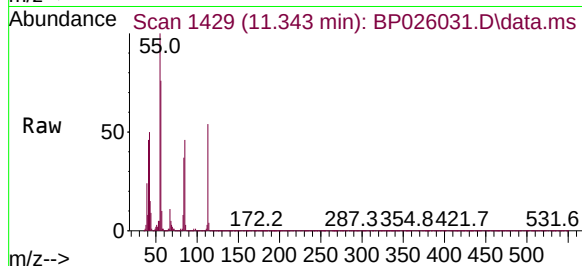
#35
 Caprolactam
 Concen: 19.234 ng
 RT: 11.343 min Scan# 1432
 Delta R.T. -0.041 min
 Lab File: BP026031.D
 Acq: 29 Oct 2025 11:29

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Tgt Ion:113 Resp: 14684
 Ion Ratio Lower Upper
 113 100
 55 184.5 169.9 209.9
 56 139.9 116.7 156.7

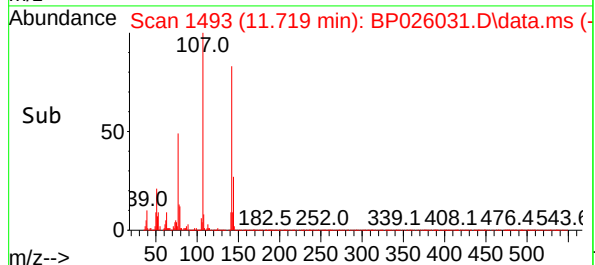
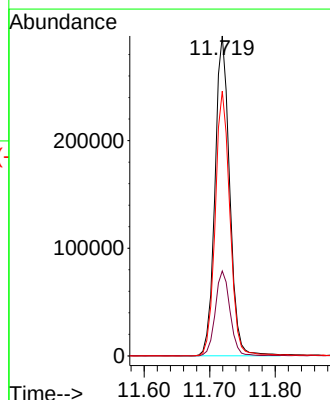
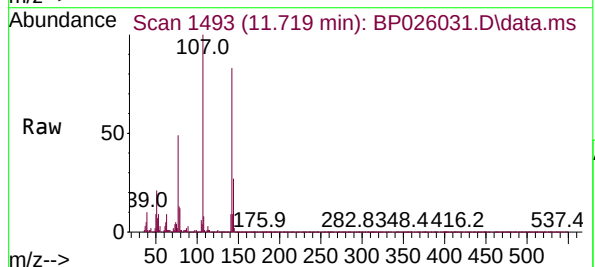
Manual Integrations
 APPROVED

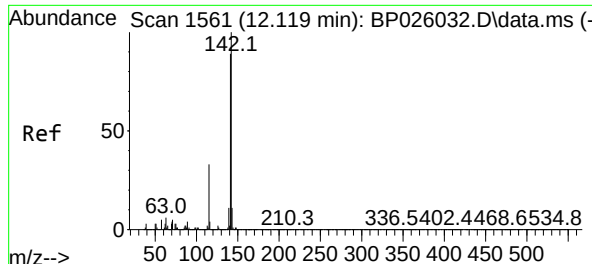
Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025



#36
 4-Chloro-3-methylphenol
 Concen: 20.367 ng
 RT: 11.719 min Scan# 1493
 Delta R.T. -0.011 min
 Lab File: BP026031.D
 Acq: 29 Oct 2025 11:29

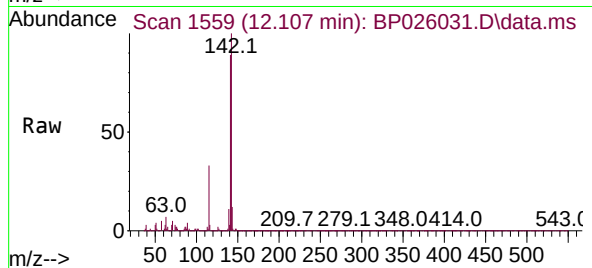
Tgt Ion:107 Resp: 464170
 Ion Ratio Lower Upper
 107 100
 144 26.6 21.3 31.9
 142 82.7 65.2 97.8





#37
2-Methylnaphthalene
Concen: 20.213 ng
RT: 12.107 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

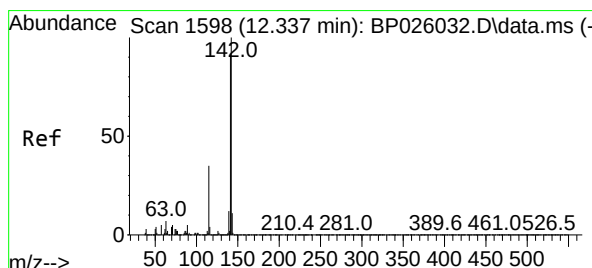
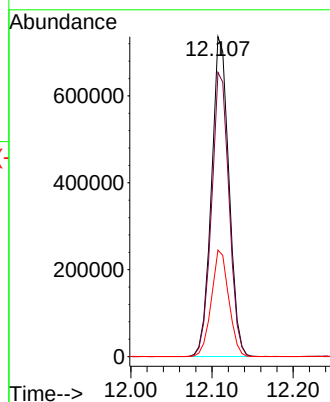
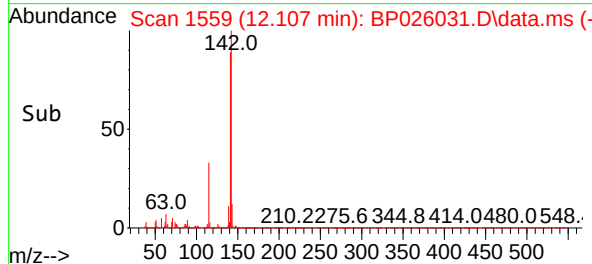
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 110014
Ion Ratio Lower Upper
142 100
141 88.8 71.6 107.4
115 33.3 26.6 39.8

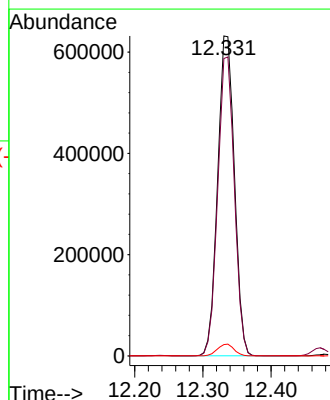
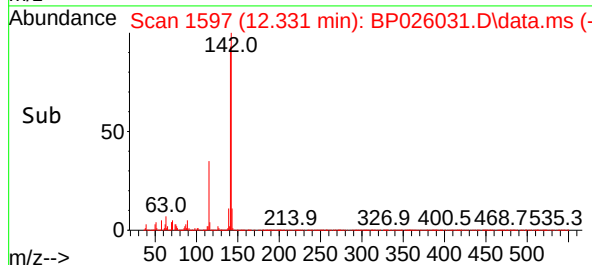
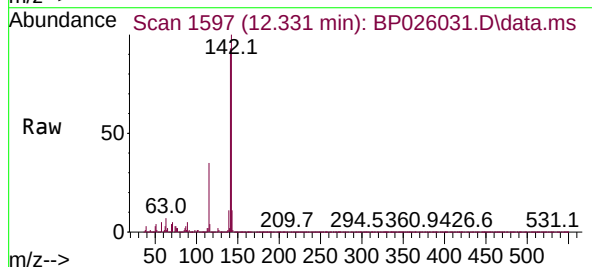
Manual Integrations
APPROVED

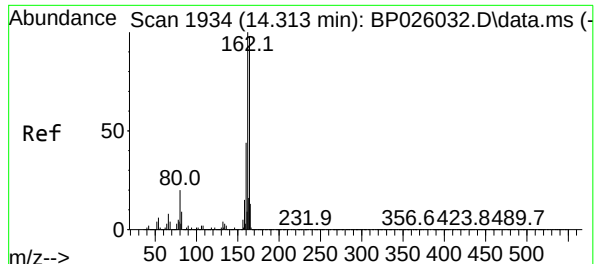
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#38
1-Methylnaphthalene
Concen: 20.334 ng
RT: 12.331 min Scan# 1597
Delta R.T. -0.005 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:142 Resp: 1075202
Ion Ratio Lower Upper
142 100
141 92.9 72.7 109.1
116 3.5 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

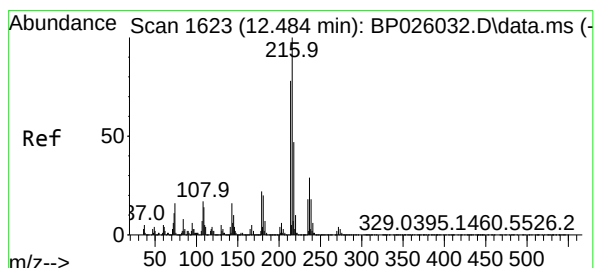
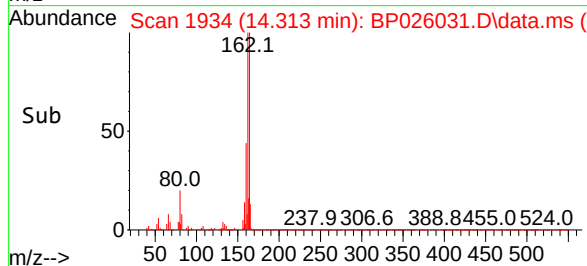
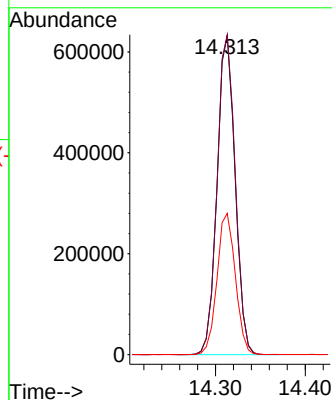
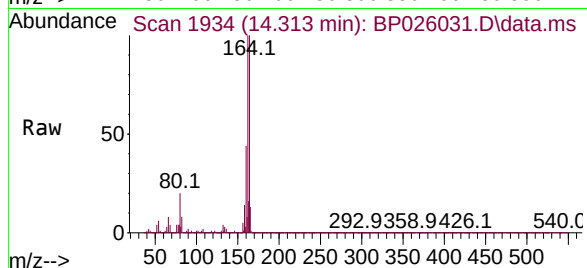
Tgt Ion:	164	Resp:	884189
Ion Ratio	Lower	Upper	
164	100		
162	100.4	81.5	122.3
160	44.3	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.486 ng

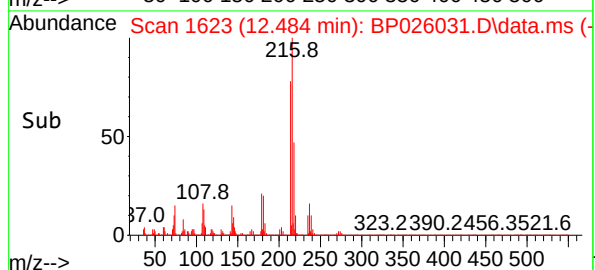
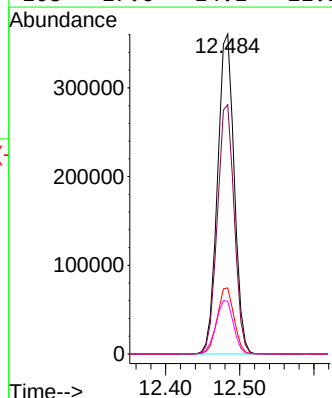
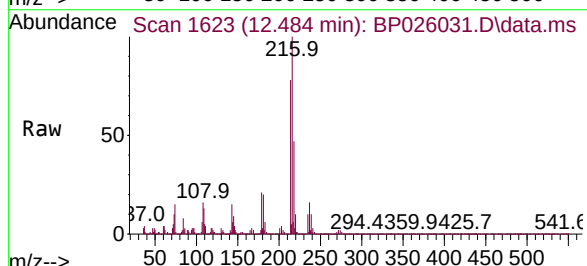
RT: 12.484 min Scan# 1623

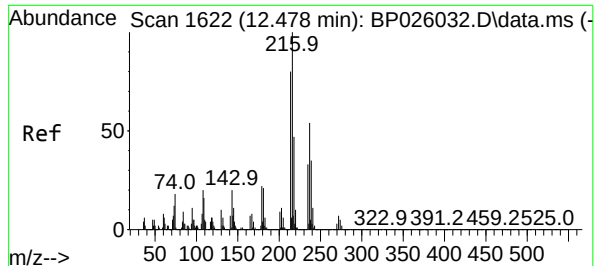
Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Tgt Ion:	216	Resp:	562803
Ion Ratio	Lower	Upper	
216	100		
214	78.7	62.9	94.3
179	20.8	16.9	25.3
108	17.6	14.1	21.1





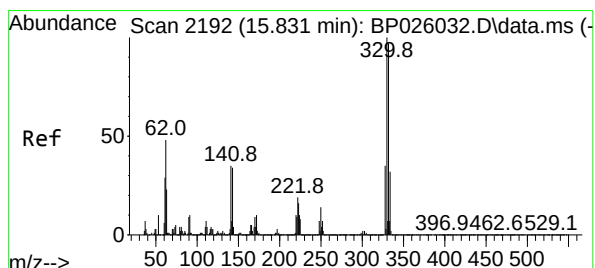
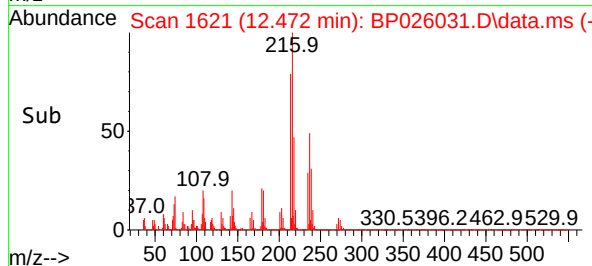
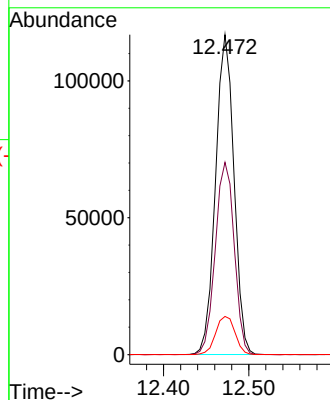
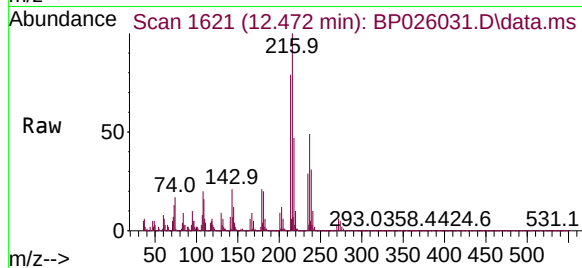
#41
Hexachlorocyclopentadiene
Concen: 17.444 ng
RT: 12.472 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 237 Resp: 17534
Ion Ratio Lower Upper
237 100
235 60.1 40.4 80.4
272 11.9 0.0 32.2

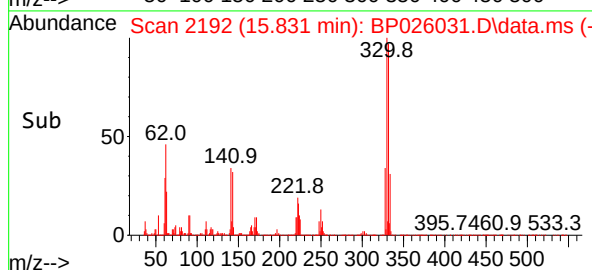
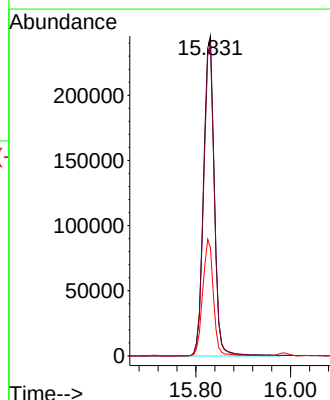
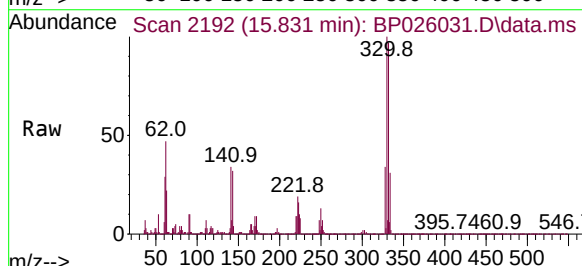
Manual Integrations
APPROVED

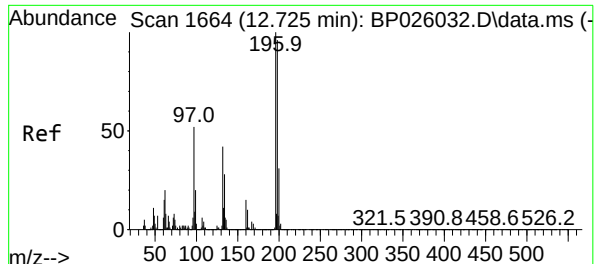
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#42
2,4,6-Tribromophenol
Concen: 40.359 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 330 Resp: 385788
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 36.3 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 20.258 ng

RT: 12.725 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:196 Resp: 328962

Ion Ratio Lower Upper

196 100

198 96.9 76.5 114.7

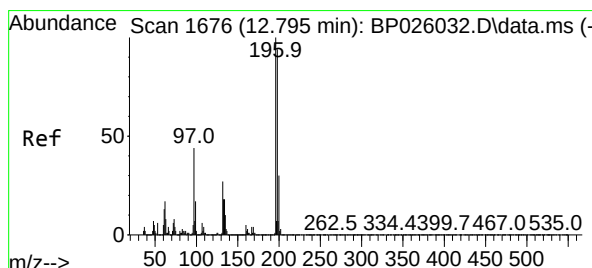
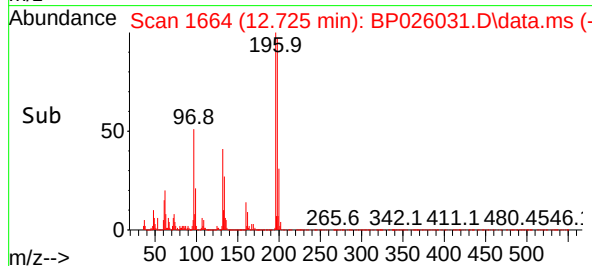
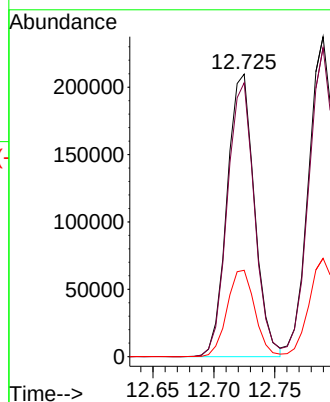
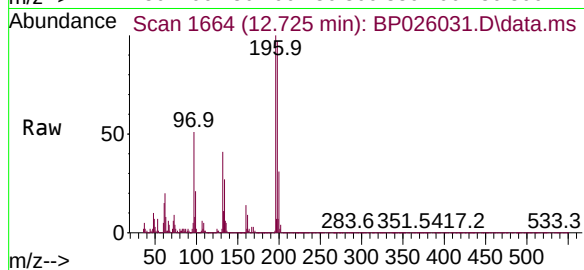
200 30.6 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#44

2,4,5-Trichlorophenol

Concen: 20.260 ng

RT: 12.790 min Scan# 1675

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Tgt Ion:196 Resp: 375399

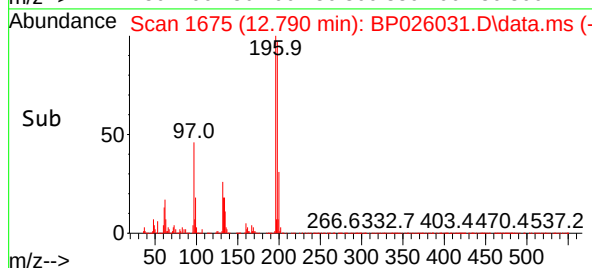
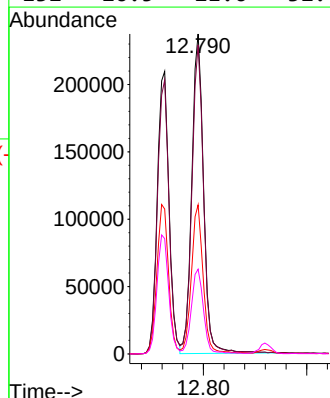
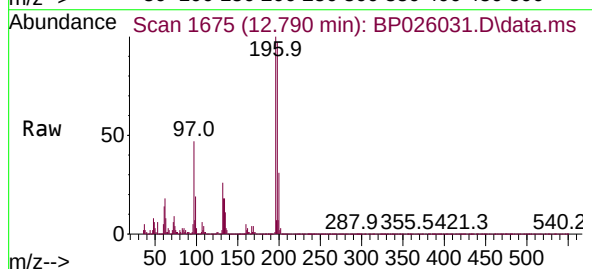
Ion Ratio Lower Upper

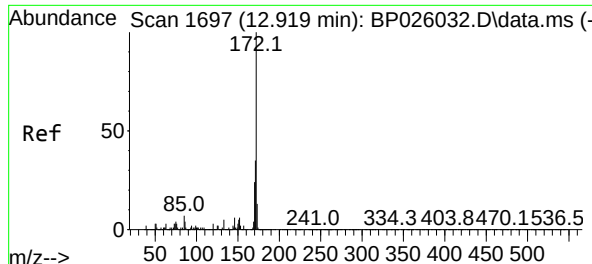
196 100

198 96.6 75.1 112.7

97 46.6 35.5 53.3

132 26.5 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 41.774 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.011 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 2570497

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

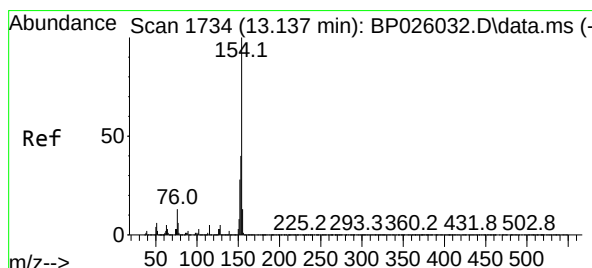
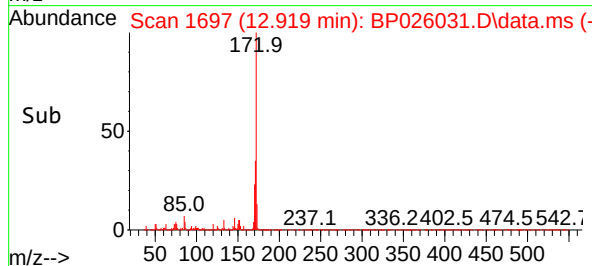
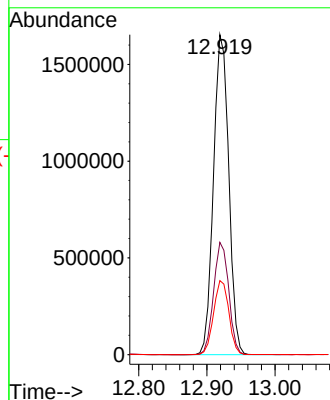
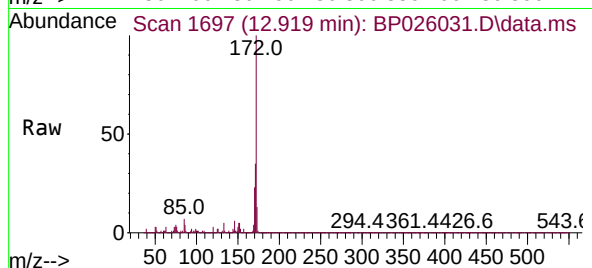
170 23.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#46

1,1'-Biphenyl

Concen: 20.599 ng

RT: 13.137 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

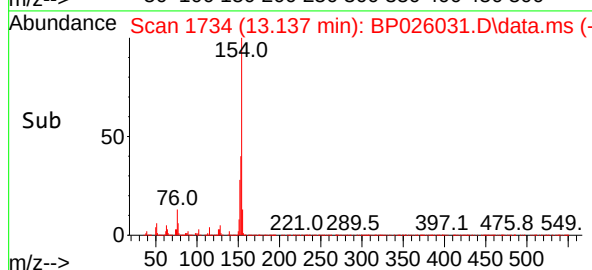
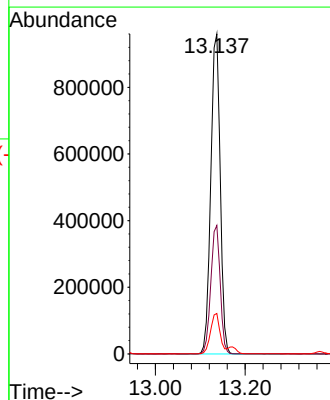
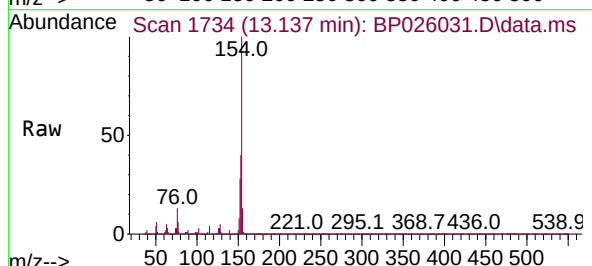
Tgt Ion:154 Resp: 1394592

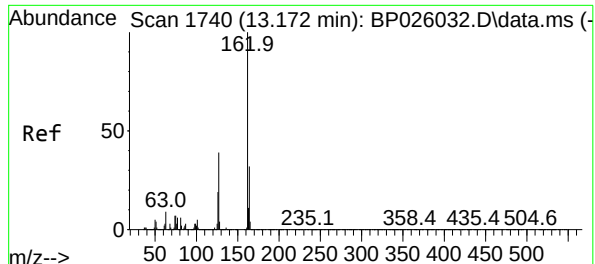
Ion Ratio Lower Upper

154 100

153 40.1 20.2 60.2

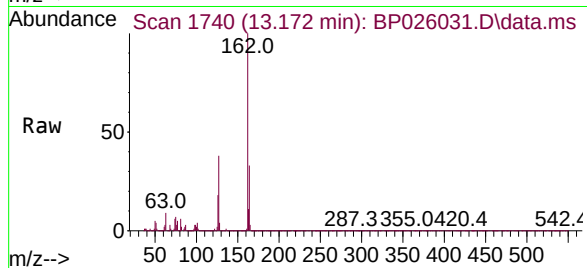
76 12.6 0.0 32.8





#47
2-Chloronaphthalene
Concen: 20.709 ng
RT: 13.172 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

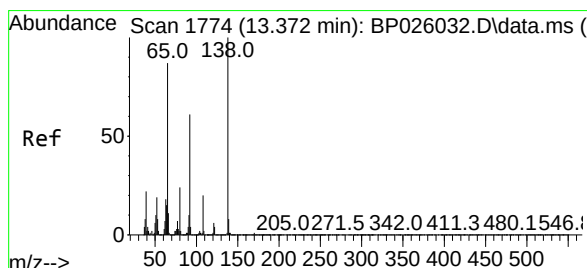
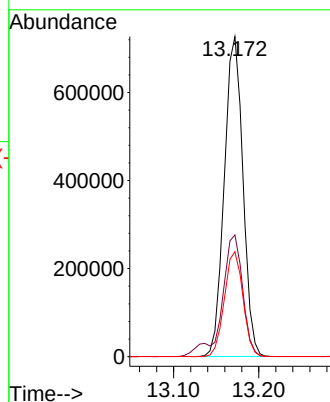
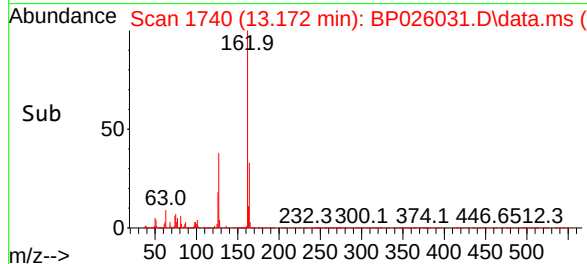
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



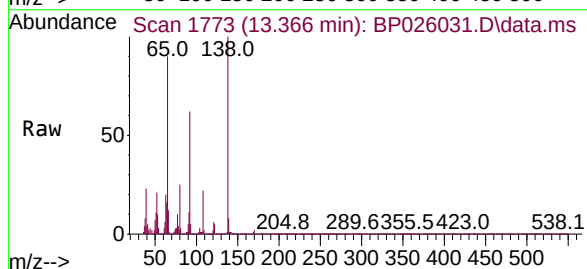
Tgt Ion:162 Resp: 1103115
Ion Ratio Lower Upper
162 100
127 38.1 31.4 47.2
164 32.8 25.9 38.9

Manual Integrations
APPROVED

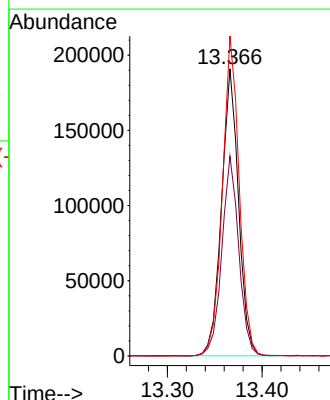
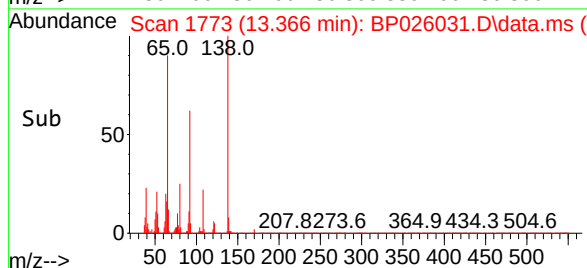
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

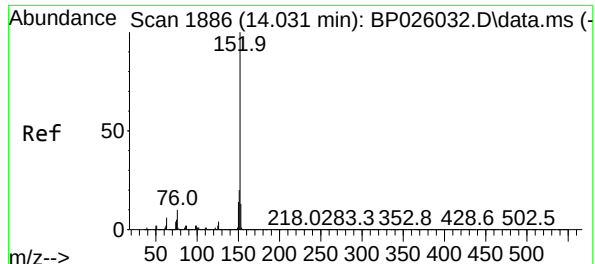


#48
2-Nitroaniline
Concen: 19.391 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29



Tgt Ion: 65 Resp: 237733
Ion Ratio Lower Upper
65 100
92 69.5 55.5 83.3
138 111.5 91.7 137.5





#49

Acenaphthylene

Concen: 20.863 ng

RT: 14.031 min Scan# 1886

Delta R.T. -0.005 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 1619778

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

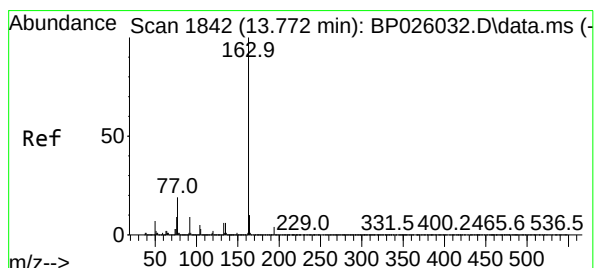
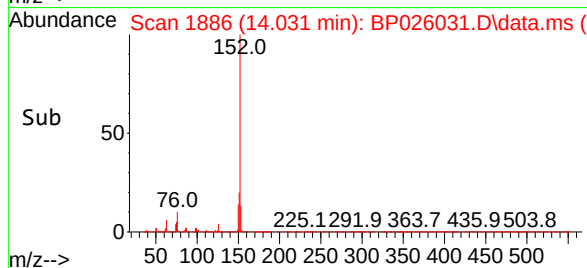
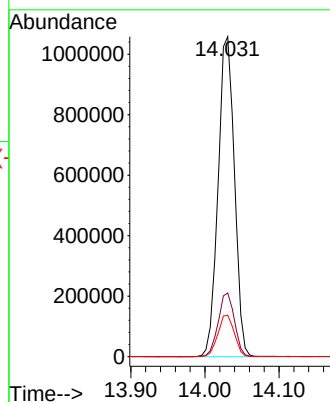
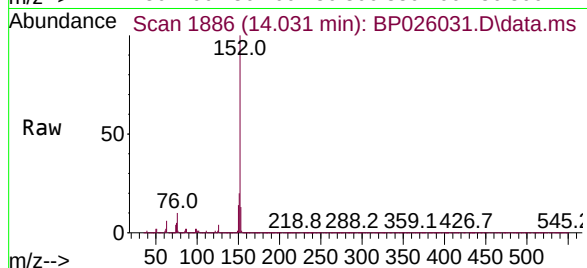
153 12.9 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#50

Dimethylphthalate

Concen: 20.496 ng

RT: 13.766 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

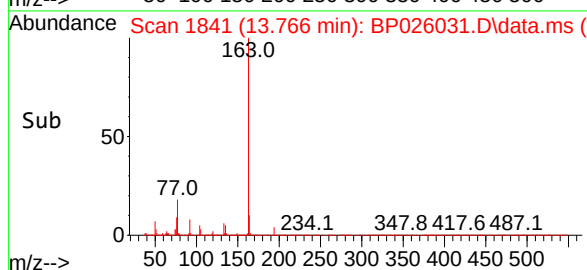
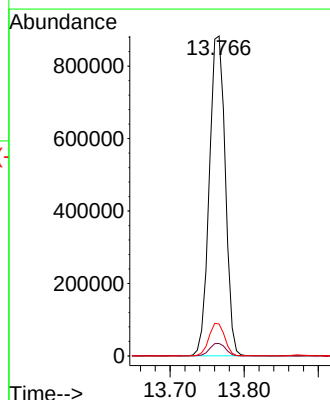
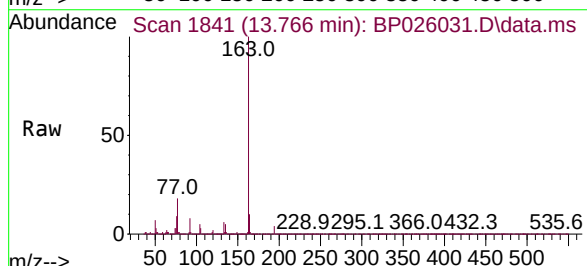
Tgt Ion:163 Resp: 1318220

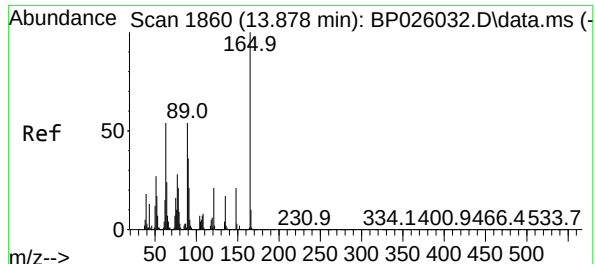
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

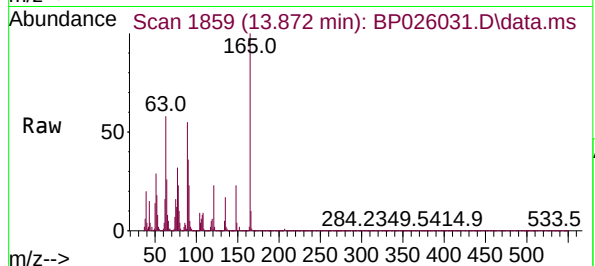
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 19.266 ng
RT: 13.872 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

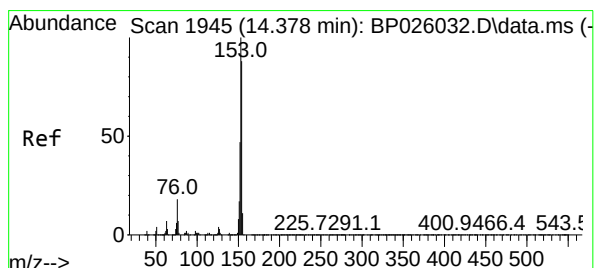
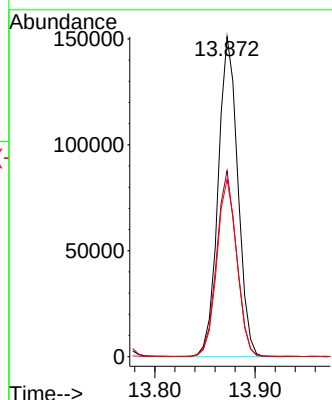
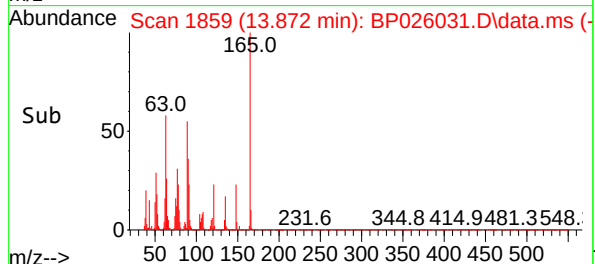
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 206491
Ion Ratio Lower Upper
165 100
63 58.1 43.0 64.4
89 55.3 43.0 64.4

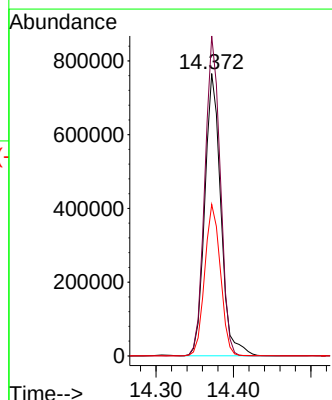
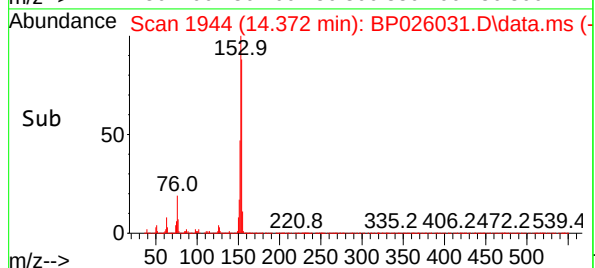
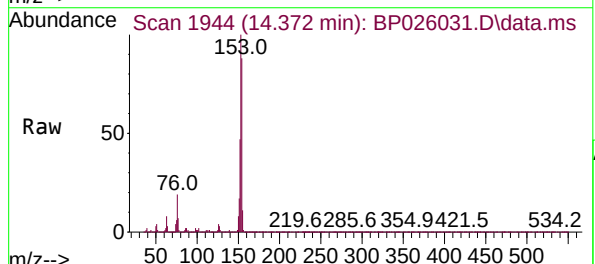
Manual Integrations
APPROVED

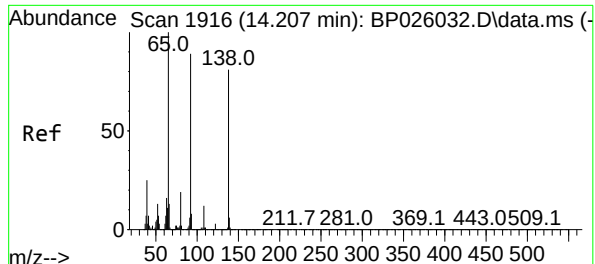
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#52
Acenaphthene
Concen: 20.678 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

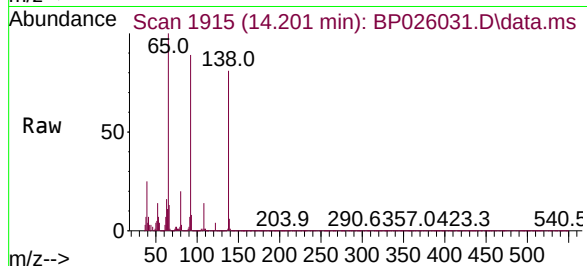
Tgt Ion:154 Resp: 1102148
Ion Ratio Lower Upper
154 100
153 113.3 91.0 136.4
152 53.7 42.7 64.1





#53
3-Nitroaniline
Concen: 19.720 ng
RT: 14.201 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

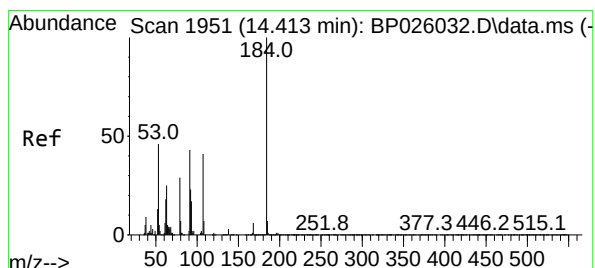
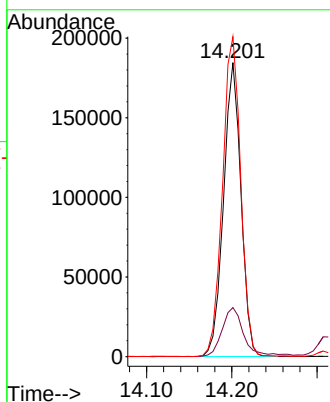
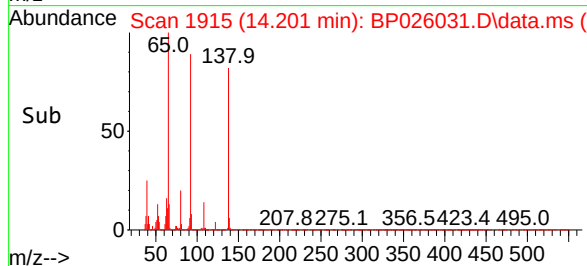
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 261900
Ion Ratio Lower Upper
138 100
108 16.7 11.4 17.0
92 108.8 87.1 130.7

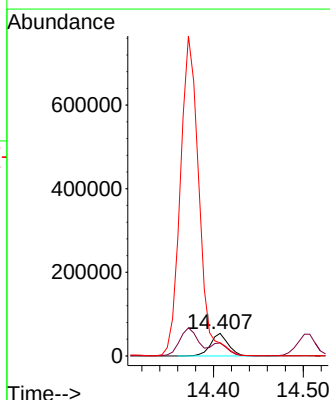
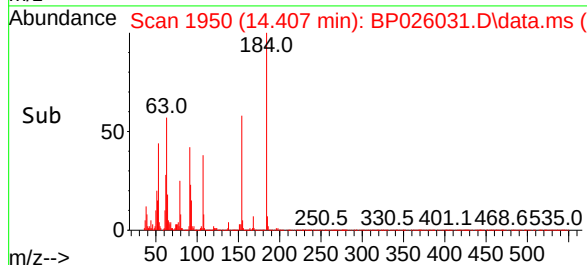
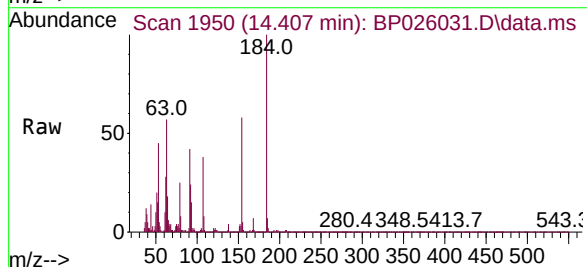
Manual Integrations
APPROVED

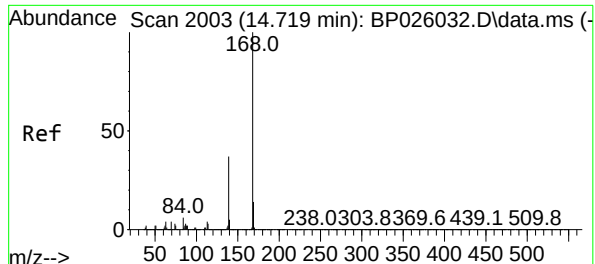
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#54
2,4-Dinitrophenol
Concen: 20.106 ng
RT: 14.407 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:184 Resp: 72866
Ion Ratio Lower Upper
184 100
63 57.3 49.0 73.4
154 57.6 51.0 76.6





#55

Dibenzenofuran

Concen: 20.703 ng

RT: 14.713 min Scan# 2003

Delta R.T. -0.012 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 1667180

Ion Ratio Lower Upper

168 100

139 36.3 29.7 44.5

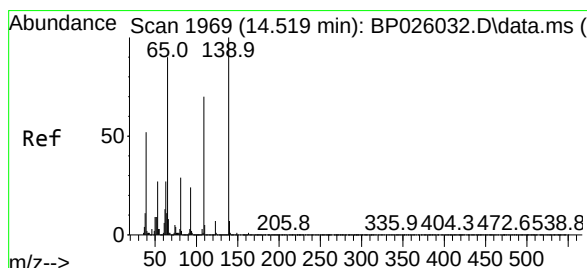
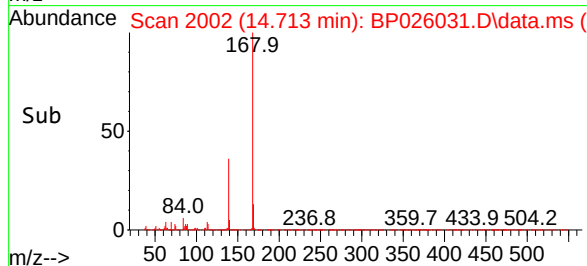
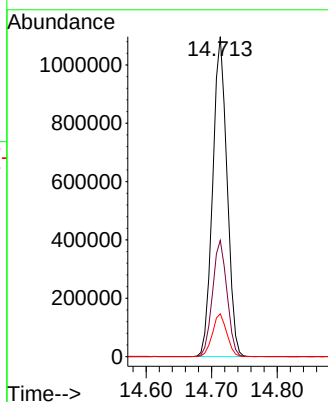
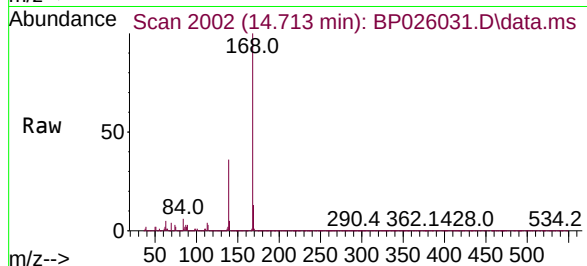
169 13.4 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#56

4-Nitrophenol

Concen: 21.327 ng

RT: 14.507 min Scan# 1967

Delta R.T. -0.012 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

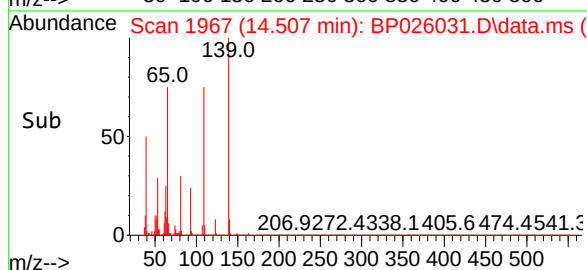
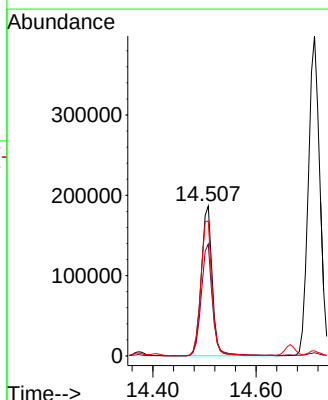
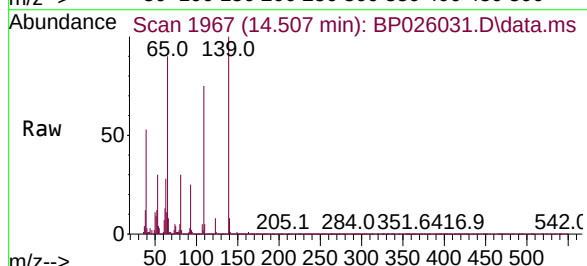
Tgt Ion:139 Resp: 273512

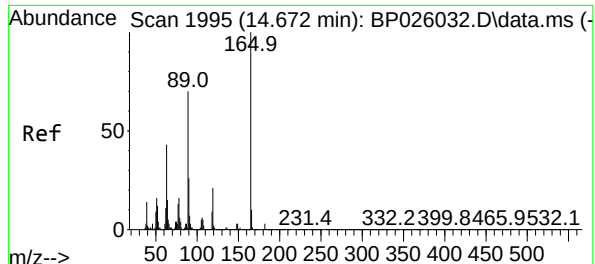
Ion Ratio Lower Upper

139 100

109 74.6 50.0 90.0

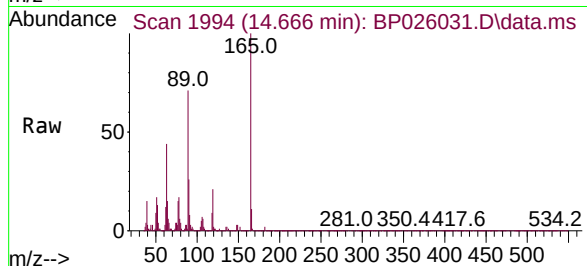
65 90.0 69.6 109.6





#57
2,4-Dinitrotoluene
Concen: 19.242 ng
RT: 14.666 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

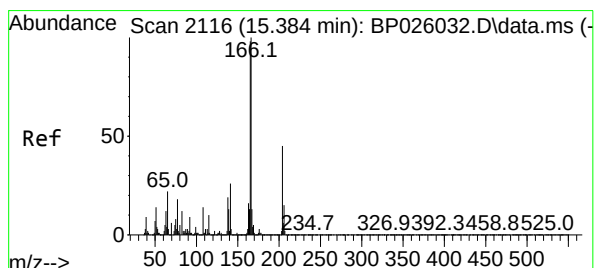
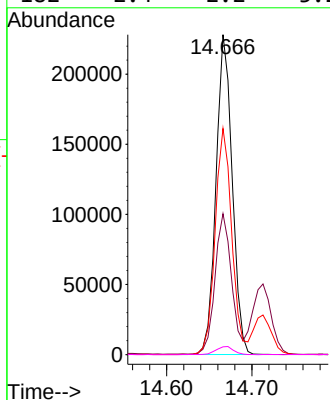
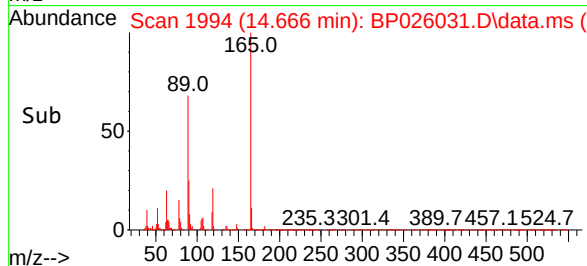
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 300694
Ion Ratio Lower Upper
165 100
63 44.0 34.2 51.2
89 70.7 56.0 84.0
182 2.4 2.2 3.2

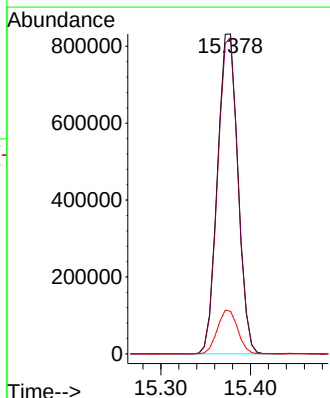
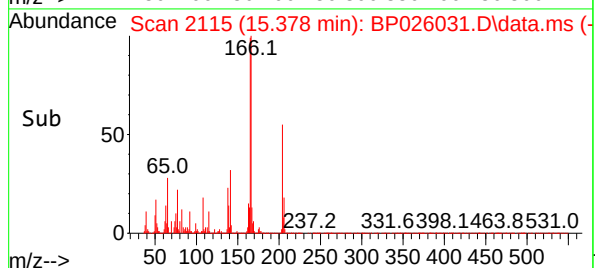
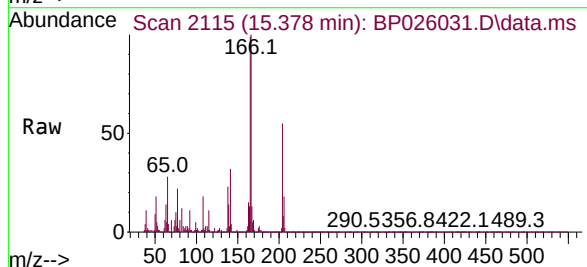
Manual Integrations
APPROVED

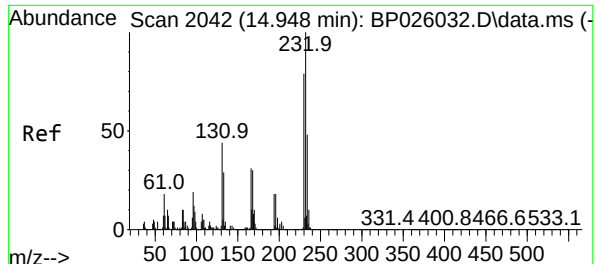
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#58
Fluorene
Concen: 21.030 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

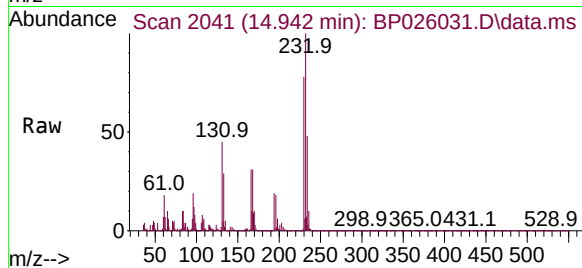
Tgt Ion:166 Resp: 1326773
Ion Ratio Lower Upper
166 100
165 98.9 78.1 117.1
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.145 ng
RT: 14.942 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

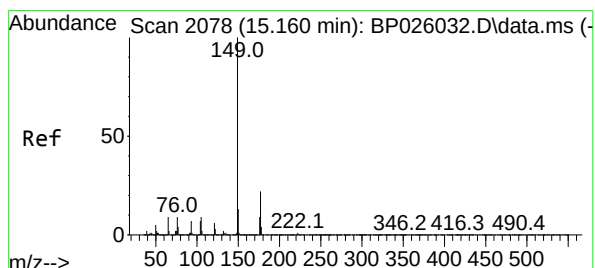
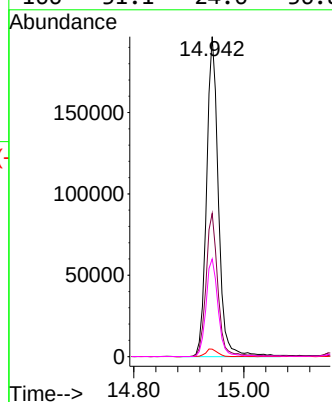
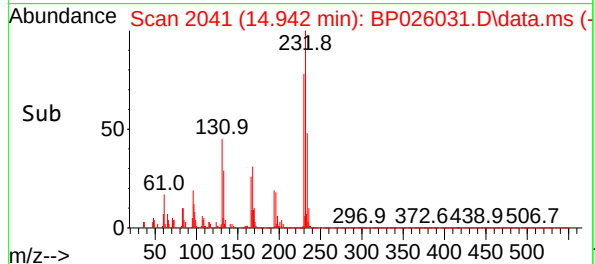
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:232 Resp: 293495
Ion Ratio Lower Upper
232 100
131 44.9 35.2 52.8
130 2.4 1.7 2.5
166 31.1 24.6 36.8

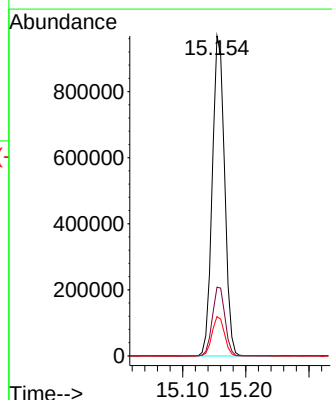
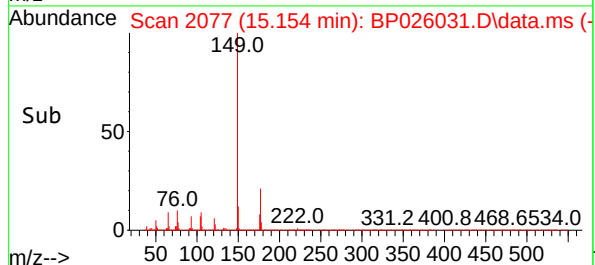
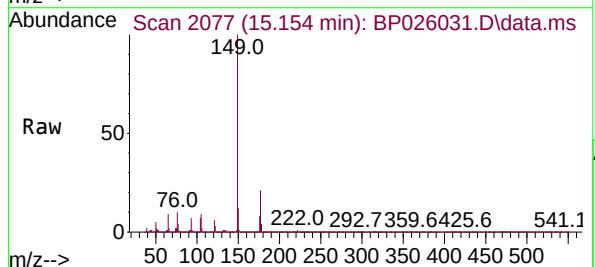
Manual Integrations
APPROVED

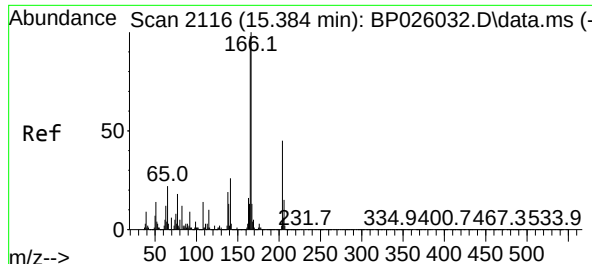
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#60
Diethylphthalate
Concen: 20.288 ng
RT: 15.154 min Scan# 2077
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:149 Resp: 1311790
Ion Ratio Lower Upper
149 100
177 21.5 17.9 26.9
150 12.3 10.1 15.1





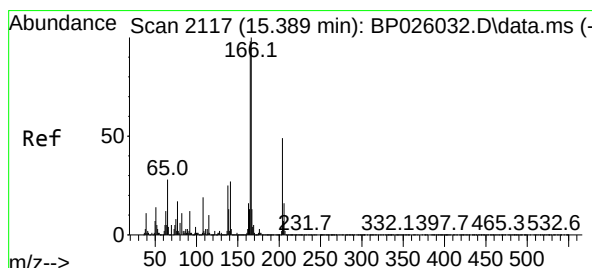
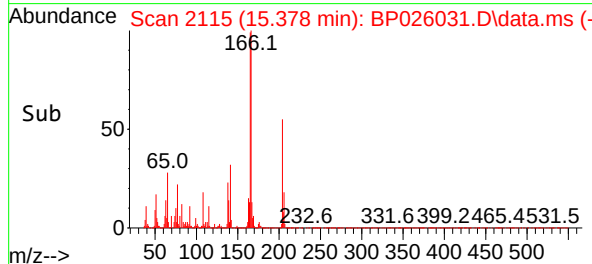
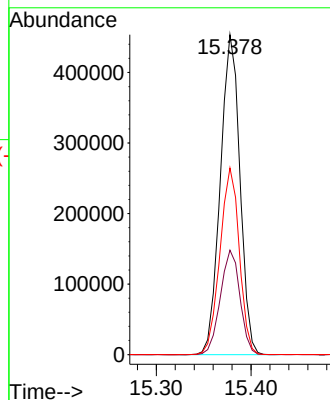
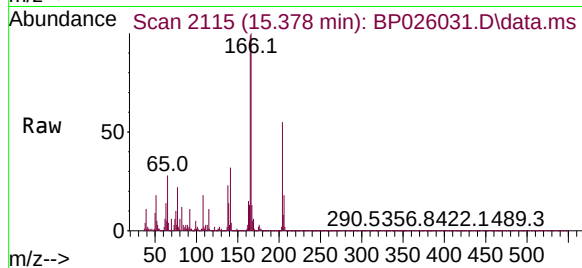
#61
4-Chlorophenyl-phenylether
Concen: 20.656 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 650778
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 58.3 47.0 70.4

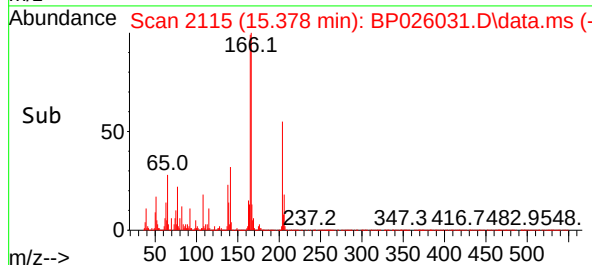
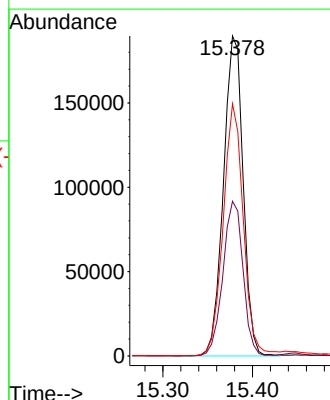
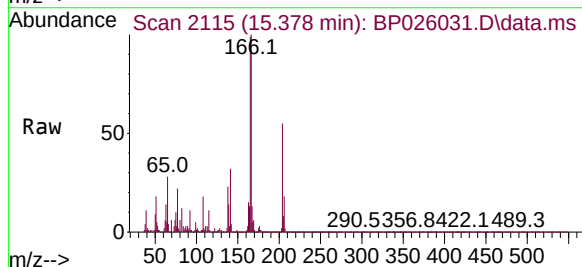
Manual Integrations
APPROVED

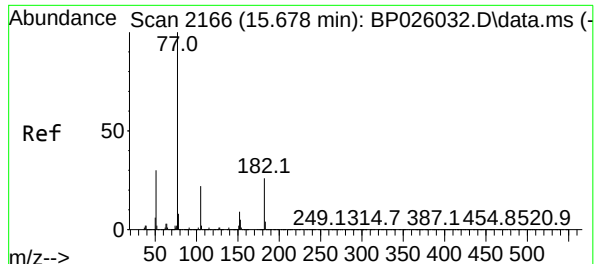
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#62
4-Nitroaniline
Concen: 21.112 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.023 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

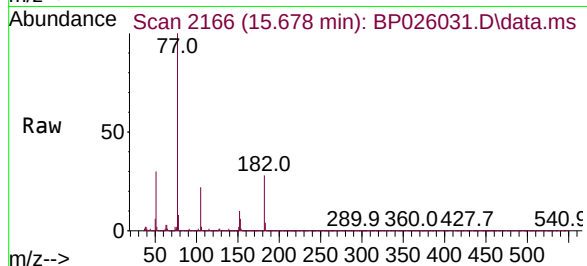
Tgt Ion:138 Resp: 290147
Ion Ratio Lower Upper
138 100
92 48.3 28.2 68.2
108 78.8 56.0 96.0





#63
Azobenzene
Concen: 20.597 ng
RT: 15.678 min Scan# 2166
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

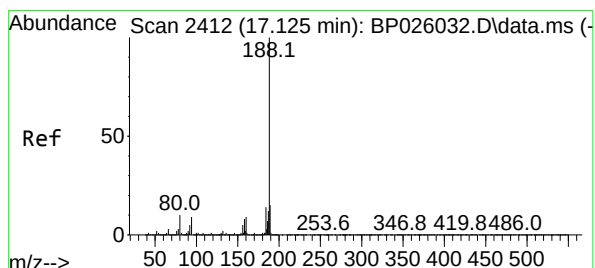
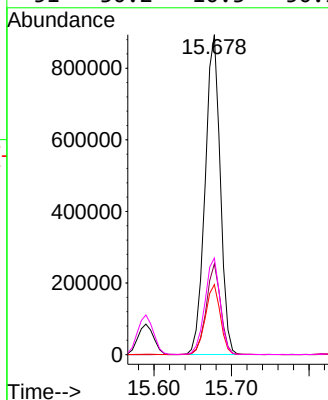
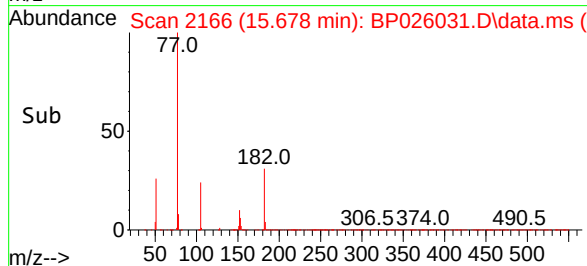
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 1206973
Ion Ratio Lower Upper
77 100
182 28.4 6.4 46.4
105 21.9 2.2 42.2
51 30.2 10.3 50.3

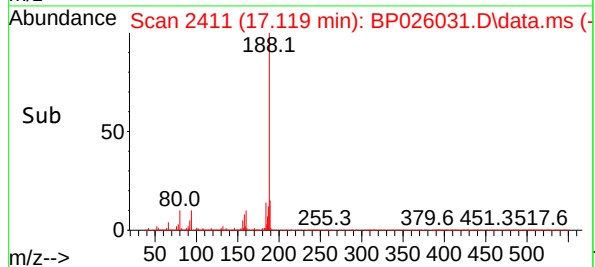
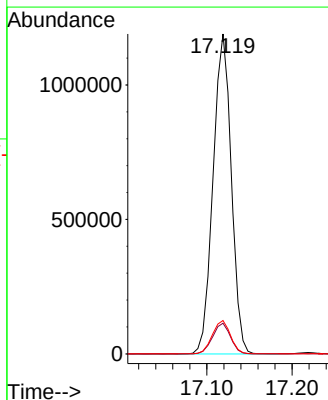
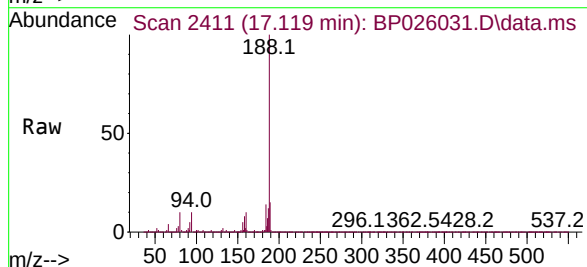
Manual Integrations
APPROVED

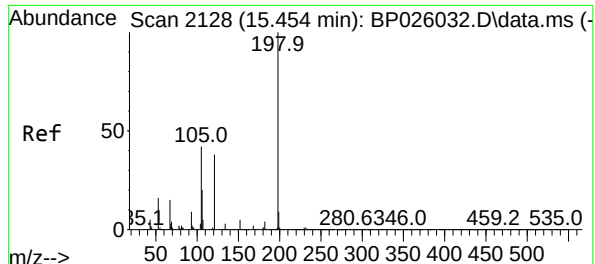
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:188 Resp: 1764983
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.4 7.9 11.9





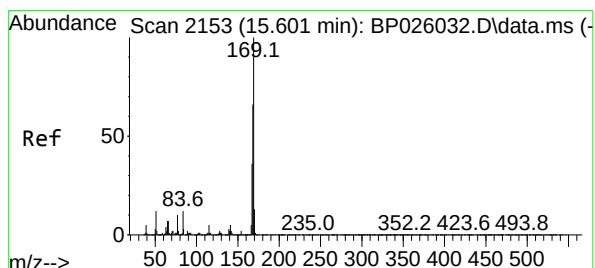
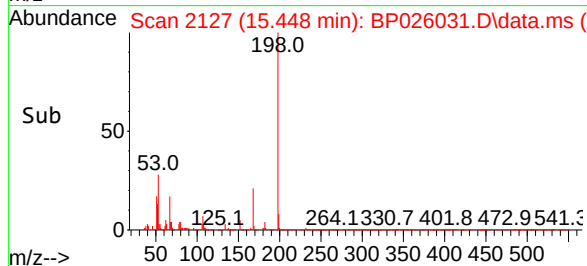
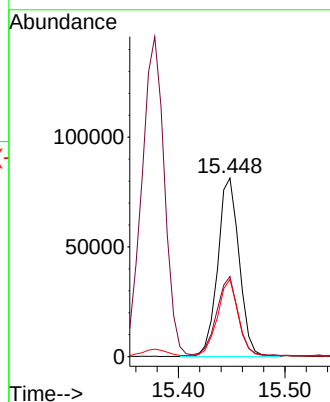
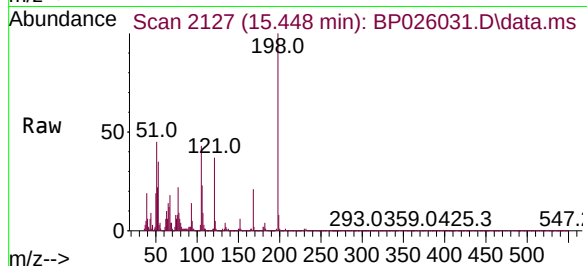
#65
4,6-Dinitro-2-methylphenol
Concen: 20.196 ng
RT: 15.448 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 11388
Ion Ratio Lower Upper
198 100
51 44.8 25.2 65.2
105 43.2 23.7 63.7

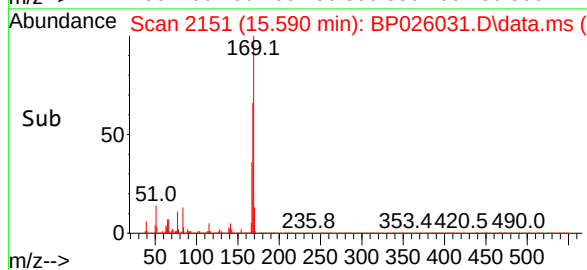
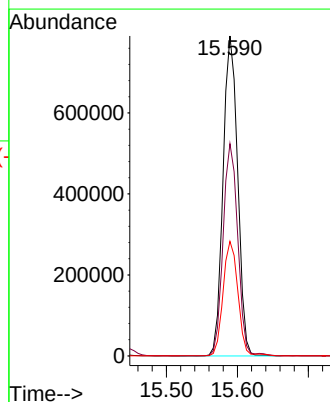
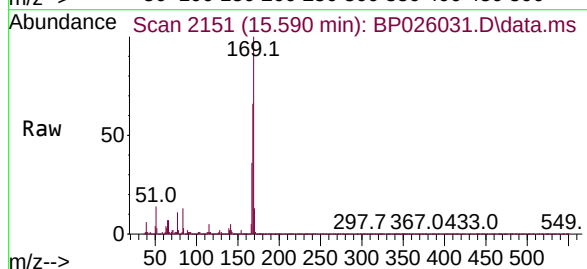
Manual Integrations
APPROVED

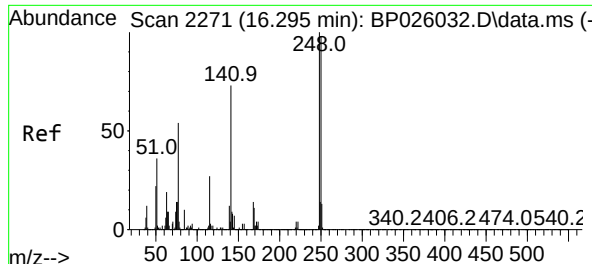
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#66
n-Nitrosodiphenylamine
Concen: 20.503 ng
RT: 15.590 min Scan# 2151
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:169 Resp: 1131476
Ion Ratio Lower Upper
169 100
168 66.3 52.9 79.3
167 35.8 28.9 43.3





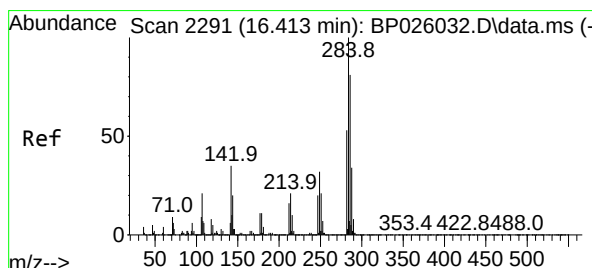
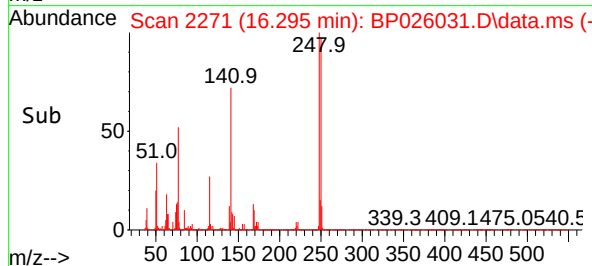
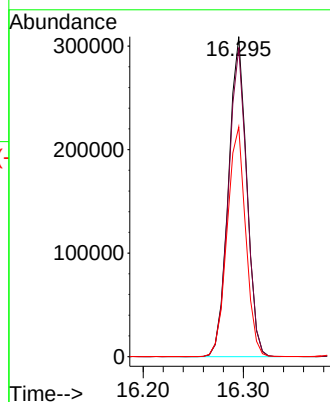
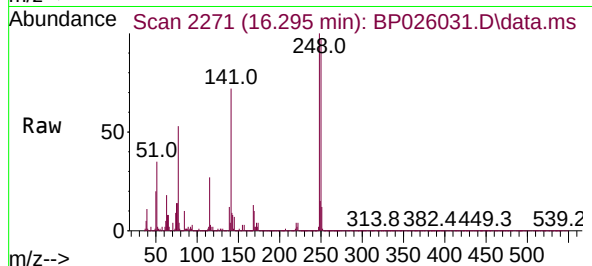
#67
4-Bromophenyl-phenylether
Concen: 19.995 ng
RT: 16.295 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 391458
Ion Ratio Lower Upper
248 100
250 96.6 78.4 117.6
141 71.8 58.3 87.5

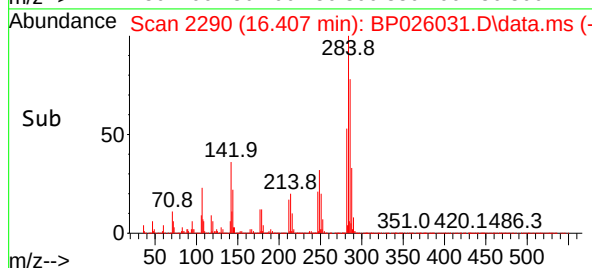
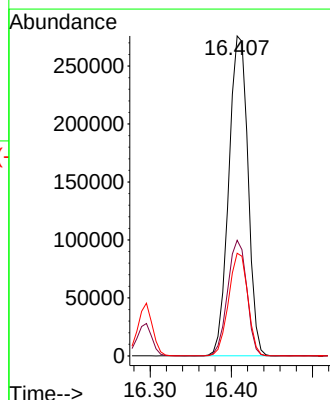
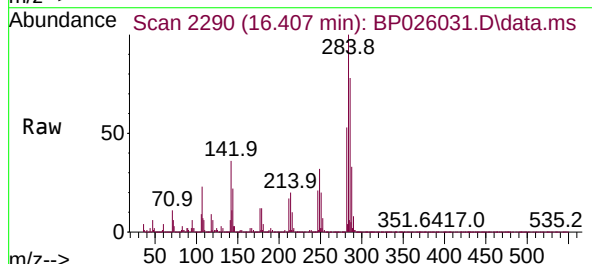
Manual Integrations
APPROVED

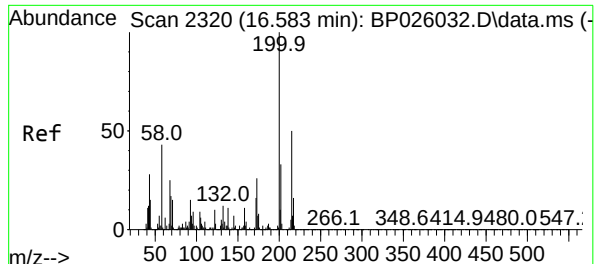
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#68
Hexachlorobenzene
Concen: 20.312 ng
RT: 16.407 min Scan# 2290
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:284 Resp: 452701
Ion Ratio Lower Upper
284 100
142 36.1 27.7 41.5
249 32.1 25.5 38.3





#69

Atrazine

Concen: 20.916 ng

RT: 16.572 min Scan# 2318

Delta R.T. -0.011 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 389382

Ion Ratio Lower Upper

200 100

173 27.8 6.2 46.2

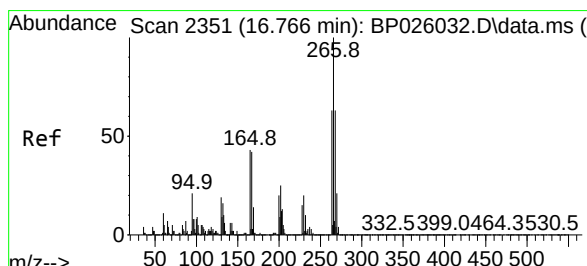
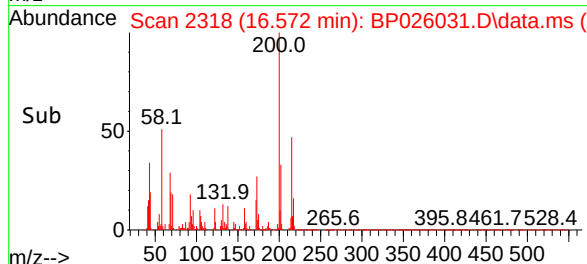
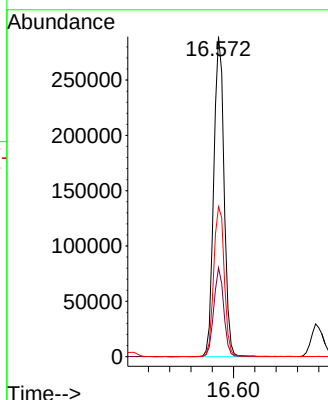
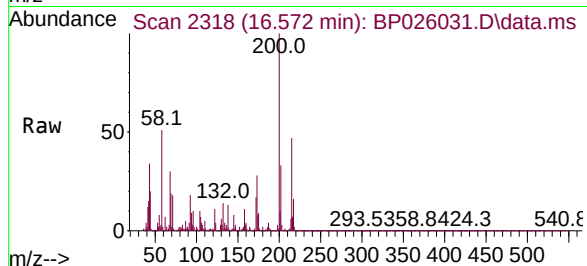
215 46.8 29.8 69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#70

Pentachlorophenol

Concen: 18.548 ng

RT: 16.754 min Scan# 2349

Delta R.T. -0.012 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

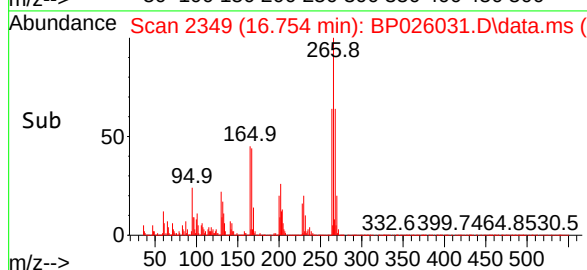
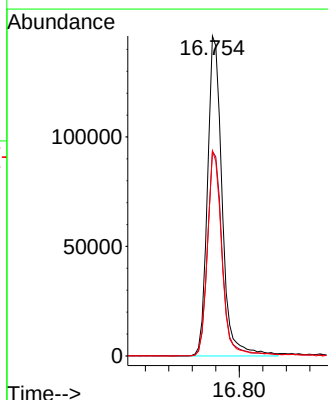
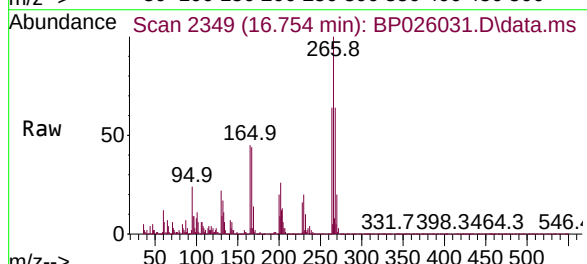
Tgt Ion:266 Resp: 252504

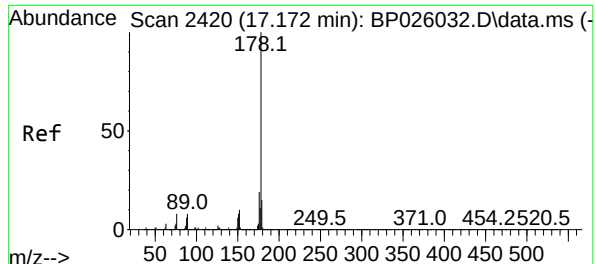
Ion Ratio Lower Upper

266 100

268 64.0 50.6 76.0

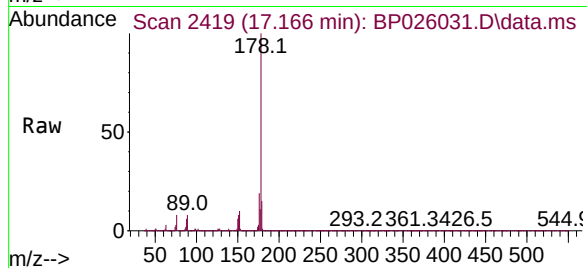
264 64.0 50.2 75.4





#71
Phenanthrene
Concen: 20.777 ng
RT: 17.166 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

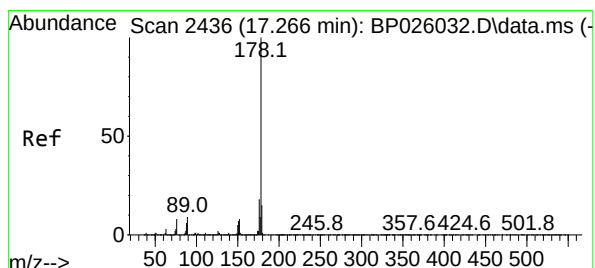
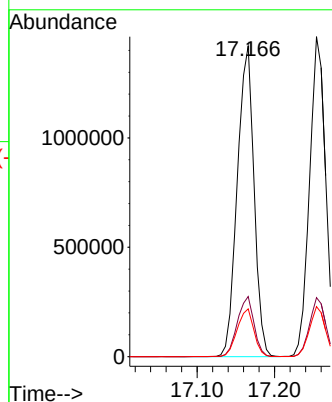
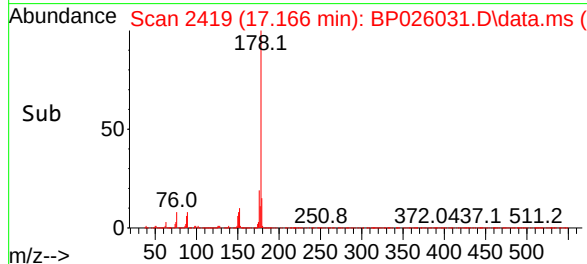
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 2134410
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.4 12.3 18.5

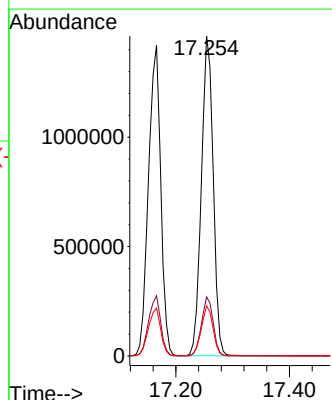
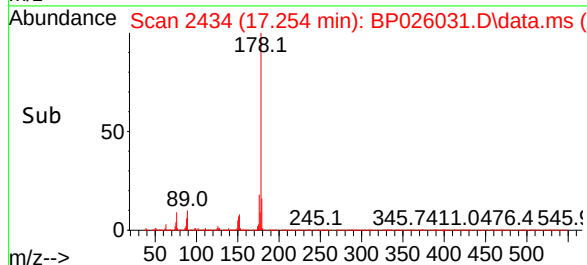
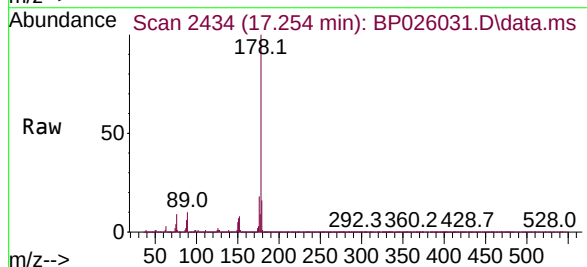
Manual Integrations
APPROVED

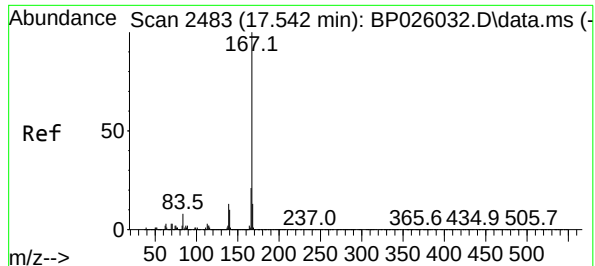
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#72
Anthracene
Concen: 20.719 ng
RT: 17.254 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

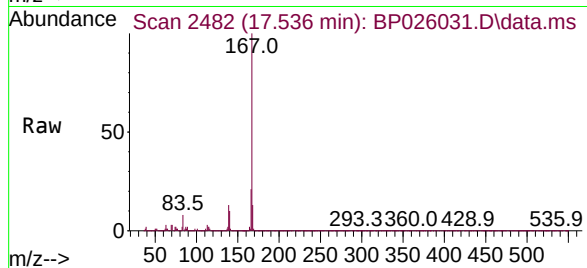
Tgt Ion:178 Resp: 2109900
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.6 12.2 18.4





#73
Carbazole
Concen: 21.318 ng
RT: 17.536 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

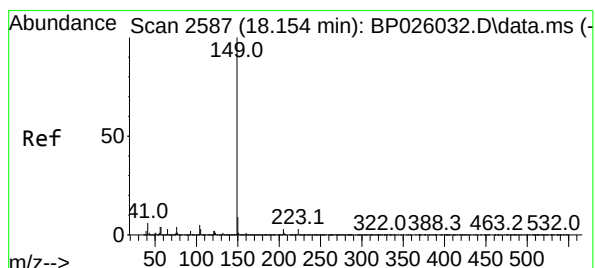
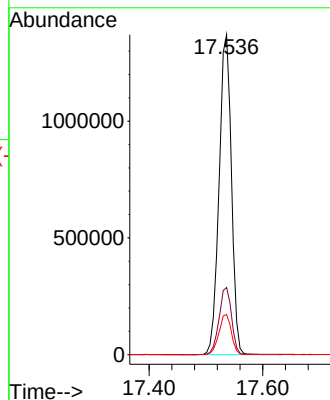
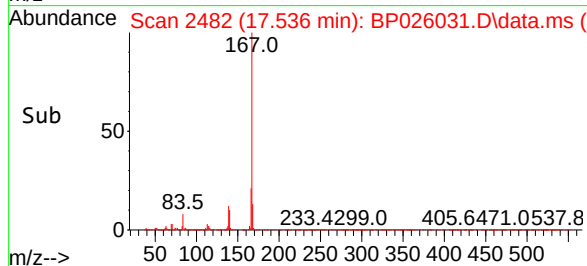
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:167 Resp: 2054988
Ion Ratio Lower Upper
167 100
166 21.0 17.1 25.7
139 12.5 10.2 15.2

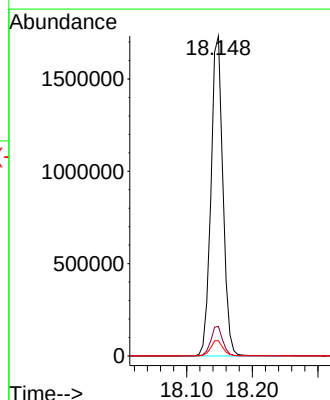
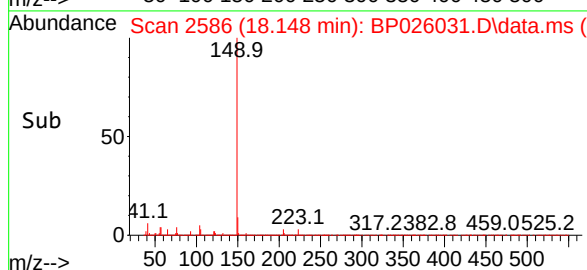
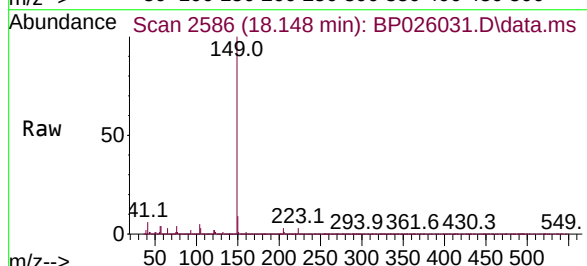
Manual Integrations
APPROVED

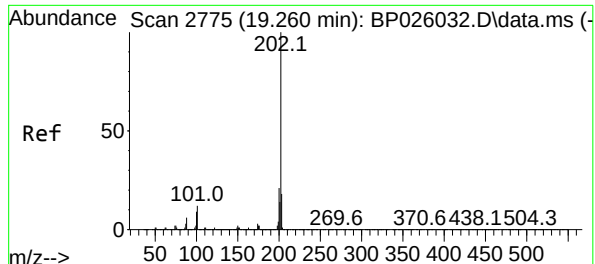
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#74
Di-n-butylphthalate
Concen: 20.303 ng
RT: 18.148 min Scan# 2586
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

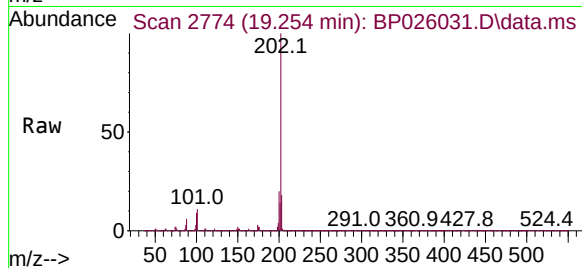
Tgt Ion:149 Resp: 2189917
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.7 3.8 5.6





#75
Fluoranthene
Concen: 21.002 ng
RT: 19.254 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

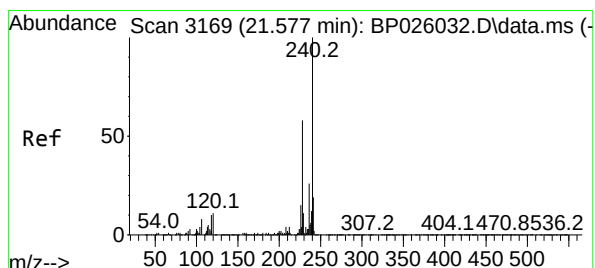
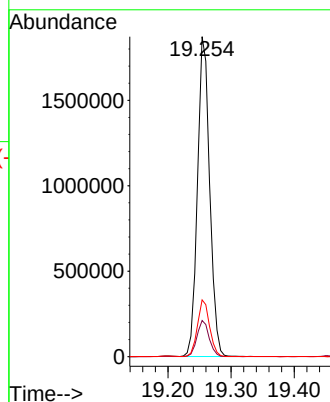
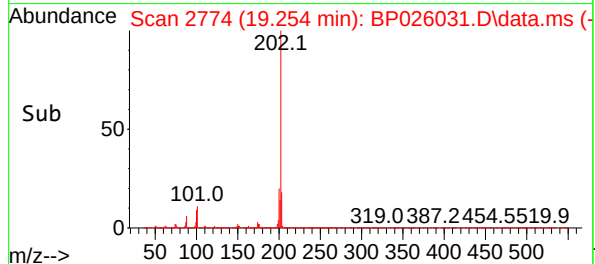
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 2516802
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.1
203 17.7 0.0 37.6

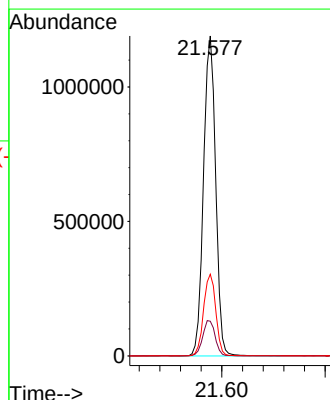
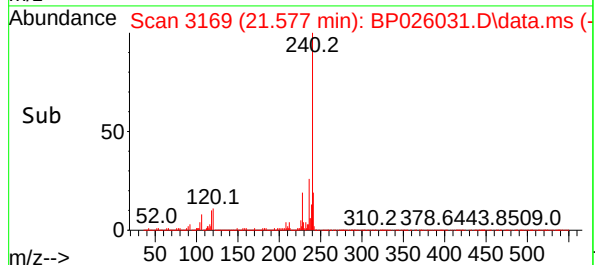
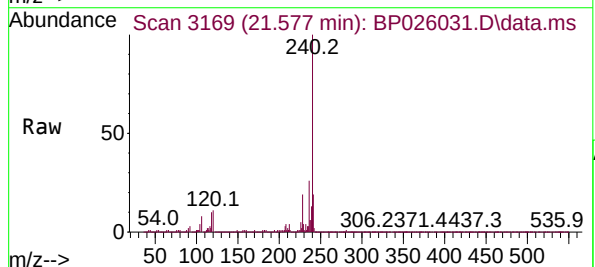
Manual Integrations
APPROVED

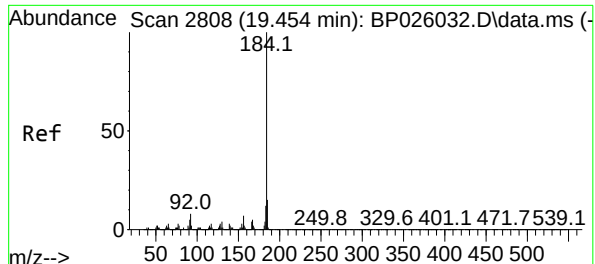
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:240 Resp: 1935916
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 25.5 20.6 31.0





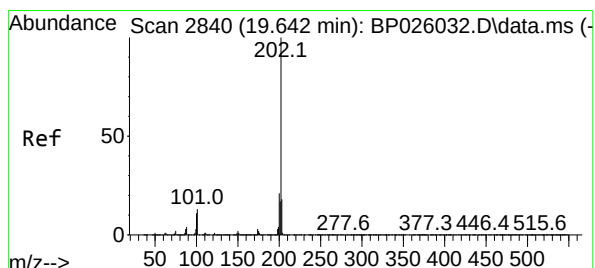
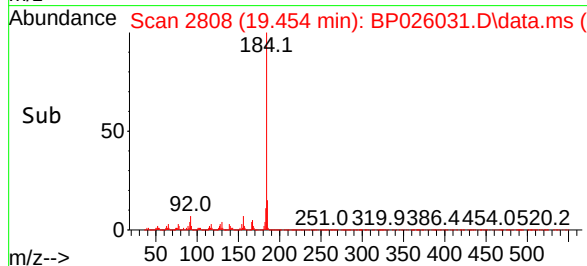
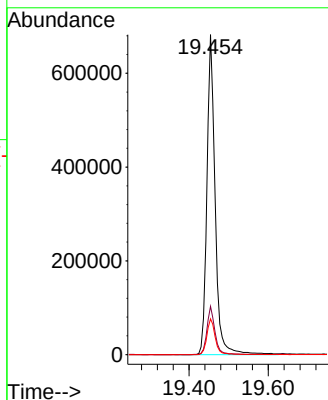
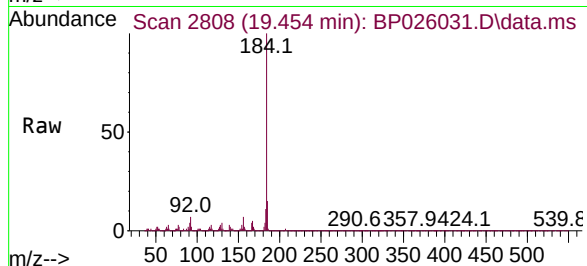
#77
Benzidine
Concen: 20.030 ng
RT: 19.454 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 984237
Ion Ratio Lower Upper
184 100
185 15.1 11.9 17.9
183 11.2 9.2 13.8

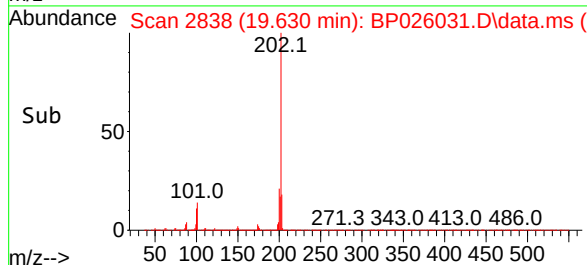
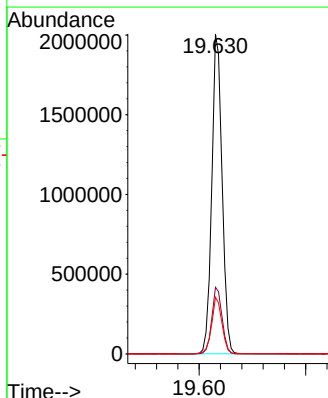
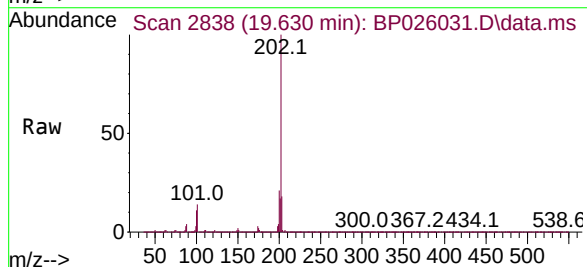
Manual Integrations
APPROVED

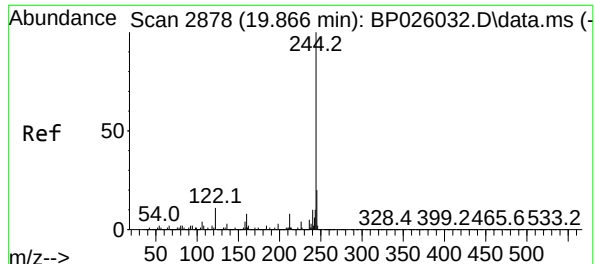
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#78
Pyrene
Concen: 20.628 ng
RT: 19.630 min Scan# 2838
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

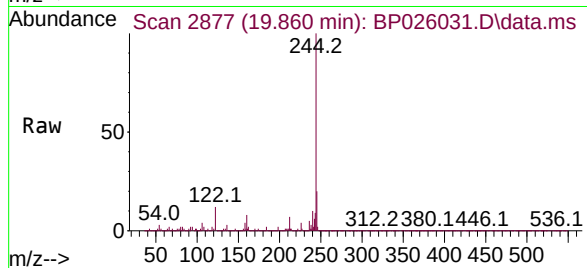
Tgt Ion:202 Resp: 2700976
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 17.7 14.0 21.0





#79
Terphenyl-d14
Concen: 41.147 ng
RT: 19.860 min Scan# 2878
Delta R.T. -0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

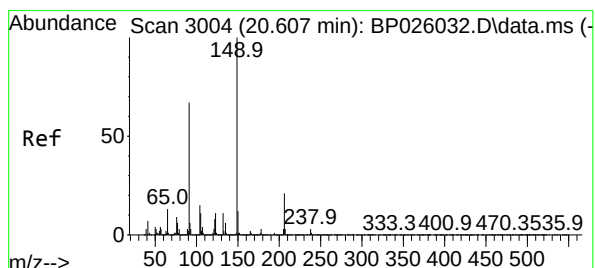
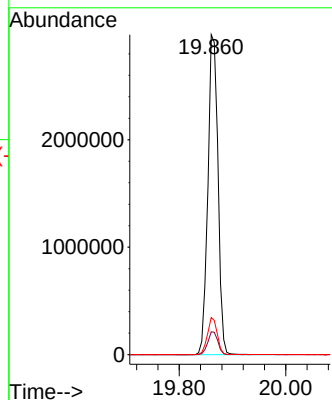
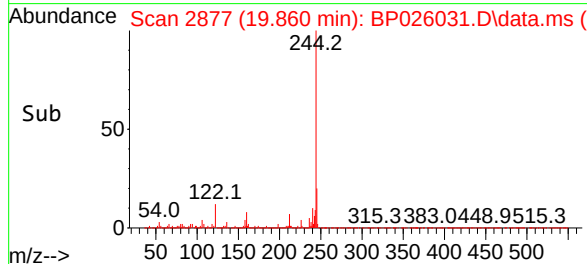
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:244 Resp: 3920732
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 11.6 9.0 13.6

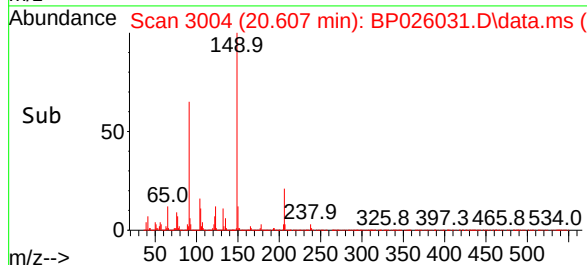
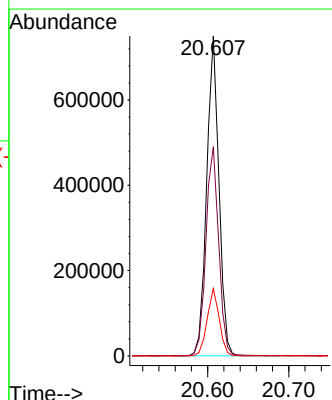
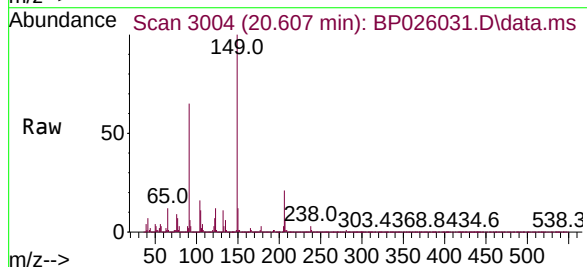
Manual Integrations
APPROVED

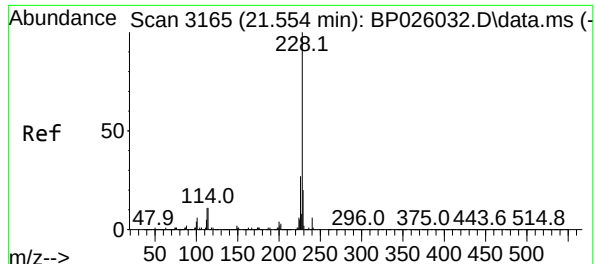
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#80
Butylbenzylphthalate
Concen: 18.358 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

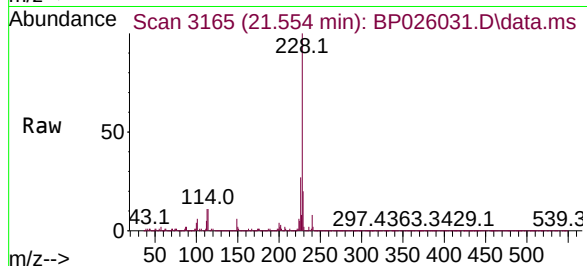
Tgt Ion:149 Resp: 787044
Ion Ratio Lower Upper
149 100
91 65.4 53.5 80.3
206 21.0 16.6 25.0





#81
Benzo(a)anthracene
Concen: 20.474 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

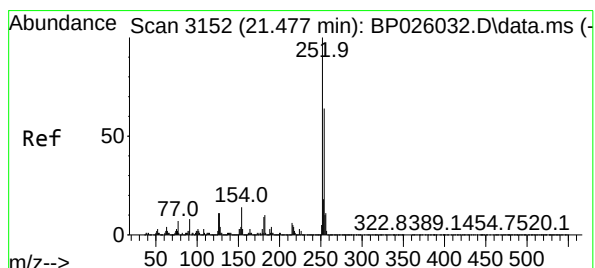
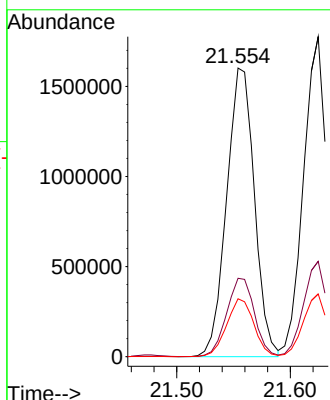
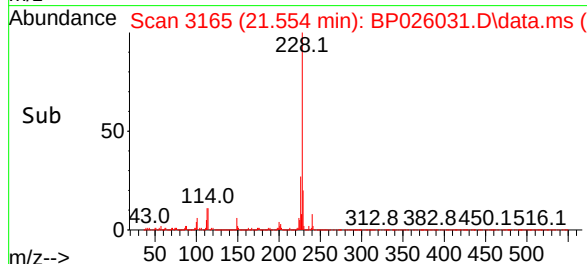
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 272371
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 20.1 15.8 23.8

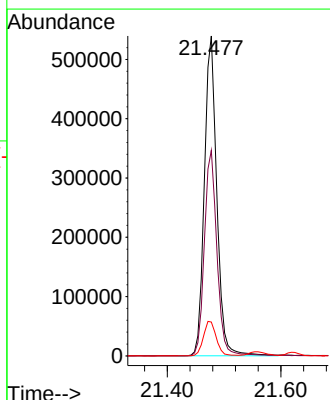
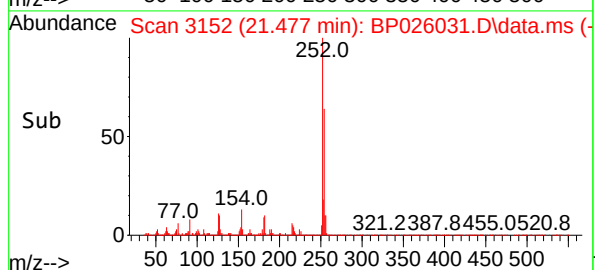
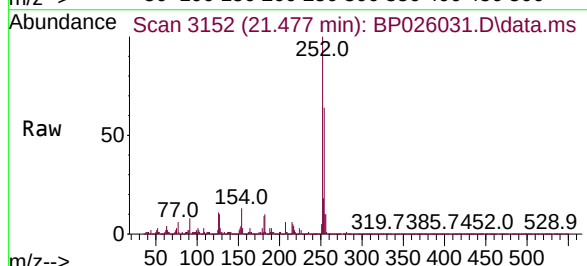
Manual Integrations
APPROVED

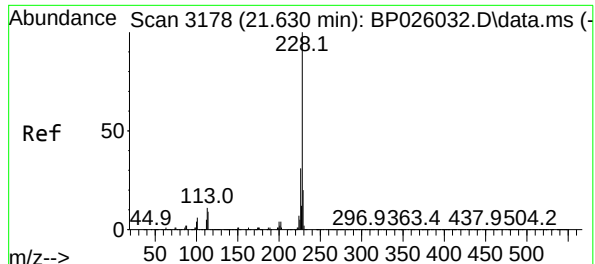
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#82
3,3'-Dichlorobenzidine
Concen: 19.160 ng
RT: 21.477 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

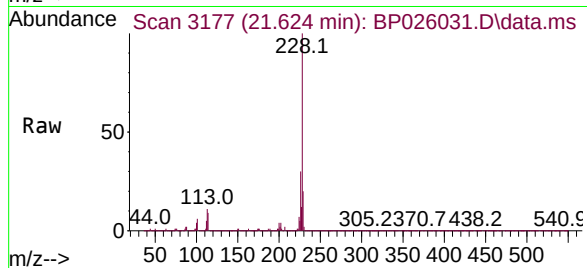
Tgt Ion:252 Resp: 821245
Ion Ratio Lower Upper
252 100
254 64.2 51.3 76.9
126 10.6 9.1 13.7





#83
Chrysene
Concen: 20.715 ng
RT: 21.624 min Scan# 3177
Delta R.T. 0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

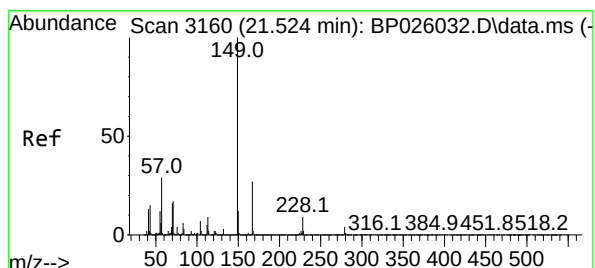
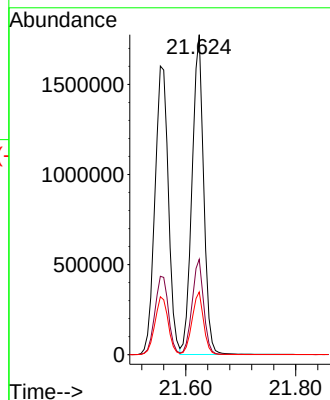
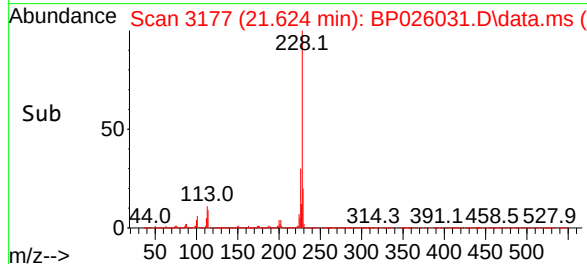
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 261044
Ion Ratio Lower Upper
228 100
226 29.8 24.4 36.6
229 19.6 16.0 24.0

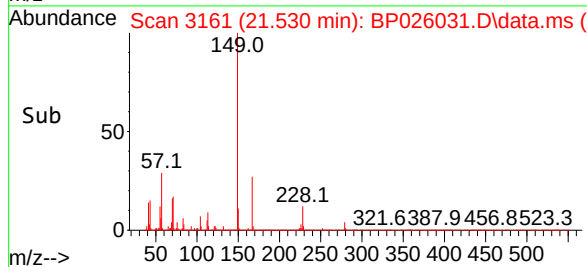
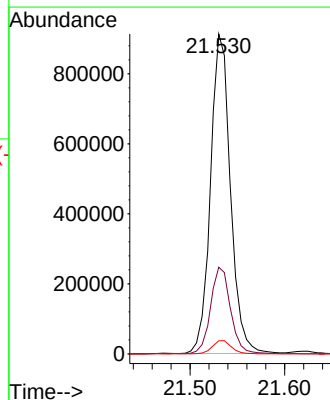
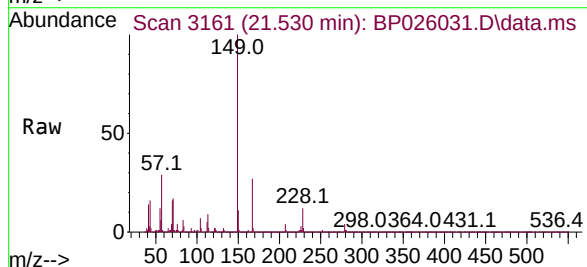
Manual Integrations
APPROVED

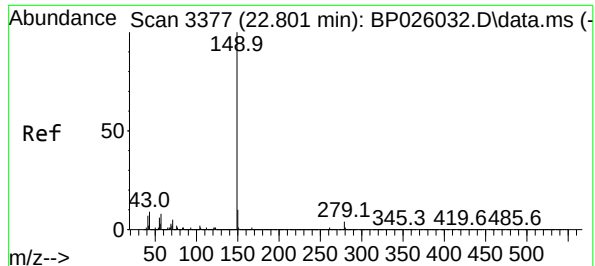
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 18.694 ng
RT: 21.530 min Scan# 3161
Delta R.T. 0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

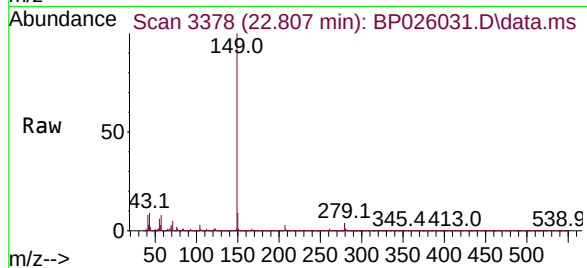
Tgt Ion:149 Resp: 1336224
Ion Ratio Lower Upper
149 100
167 27.1 21.5 32.3
279 4.1 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 17.224 ng
RT: 22.807 min Scan# 3377
Delta R.T. 0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

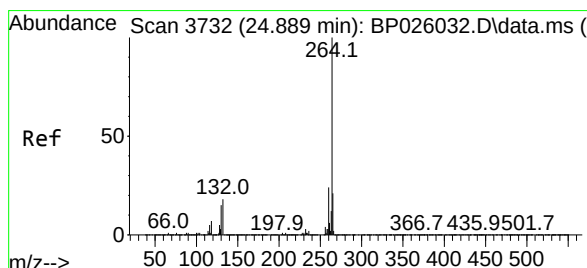
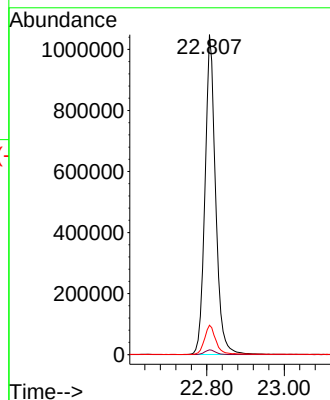
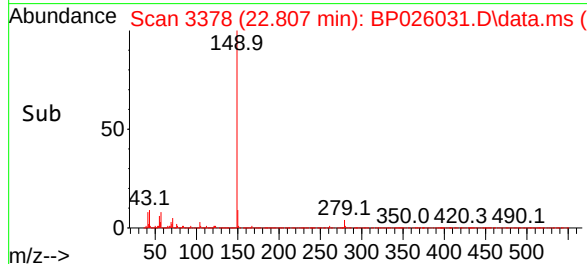
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 1984874
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.1 7.6 11.4

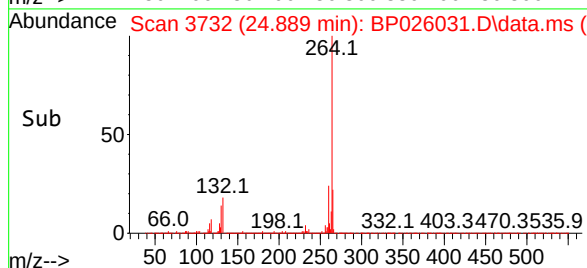
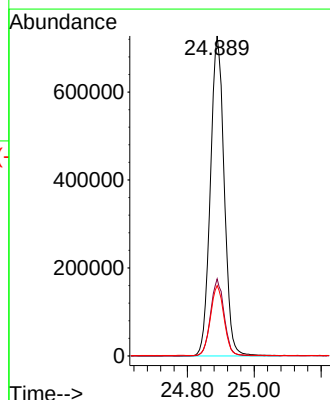
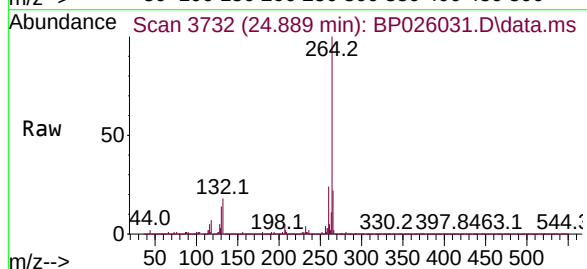
Manual Integrations
APPROVED

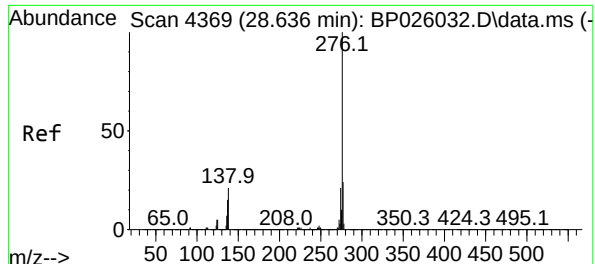
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.889 min Scan# 3732
Delta R.T. 0.006 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

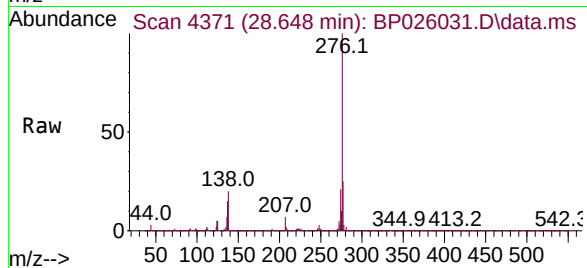
Tgt Ion:264 Resp: 2082873
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 22.0 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 20.856 ng m
RT: 28.648 min Scan# 4369
Delta R.T. -0.011 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

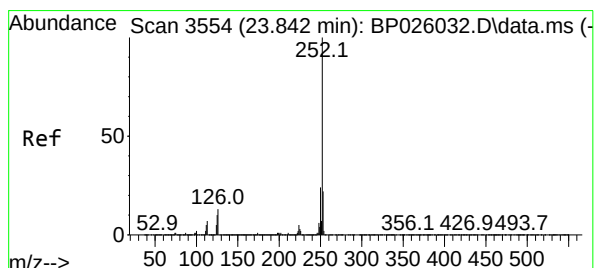
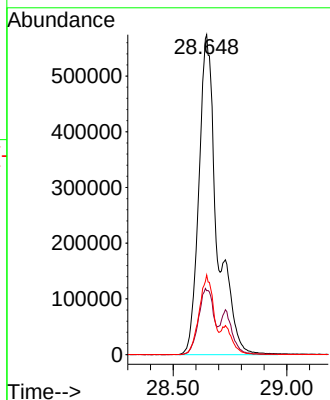
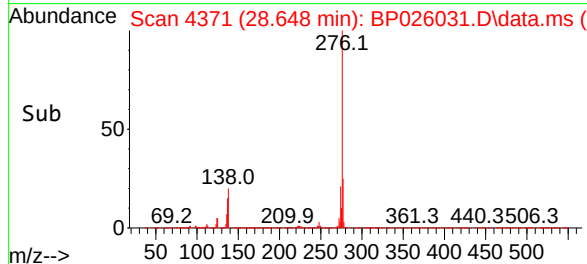
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 276 Resp: 3205879
Ion Ratio Lower Upper
276 100
138 17.0 13.2 19.8
277 19.4 16.3 24.5

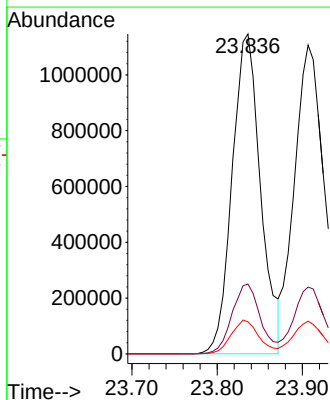
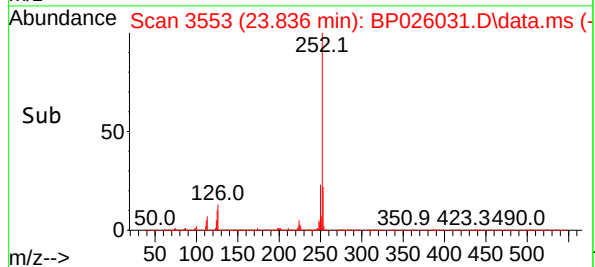
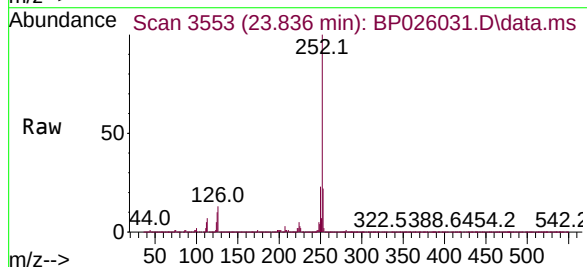
Manual Integrations
APPROVED

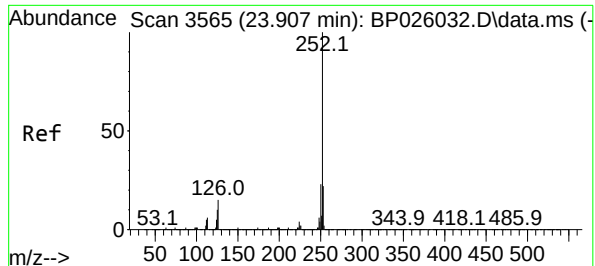
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#88
Benzo(b)fluoranthene
Concen: 20.584 ng
RT: 23.836 min Scan# 3553
Delta R.T. -0.012 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion: 252 Resp: 2661543
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.0 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 20.602 ng

RT: 23.907 min Scan# 3565

Delta R.T. -0.017 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 2720350

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

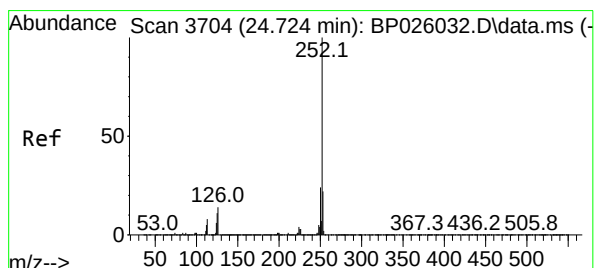
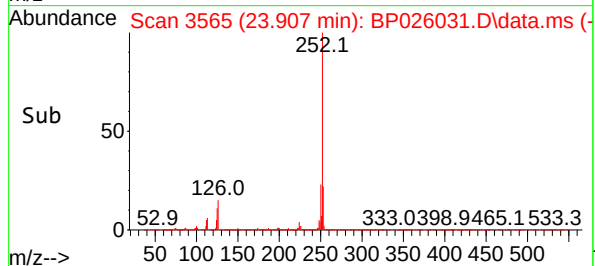
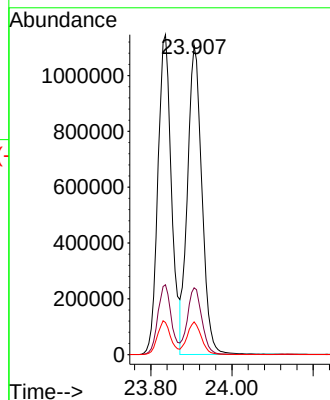
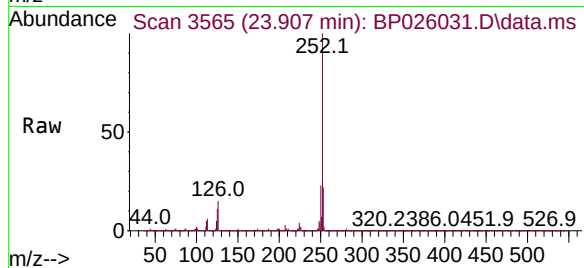
125 10.6 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#90

Benzo(a)pyrene

Concen: 20.541 ng

RT: 24.724 min Scan# 3704

Delta R.T. -0.017 min

Lab File: BP026031.D

Acq: 29 Oct 2025 11:29

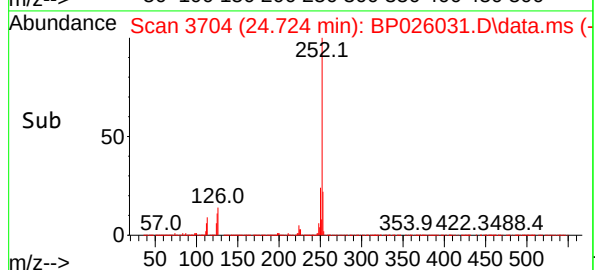
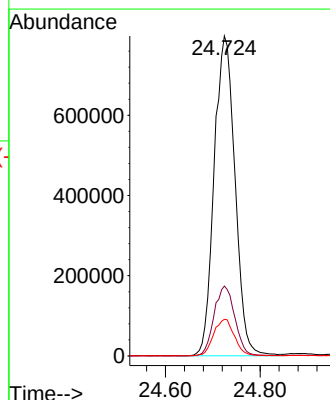
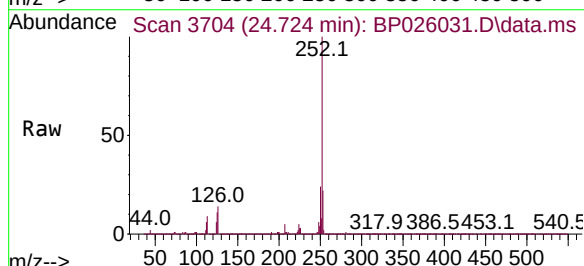
Tgt Ion:252 Resp: 2440075

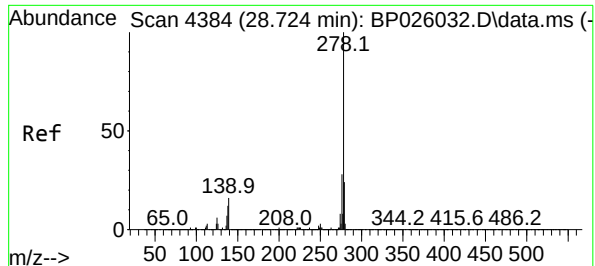
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

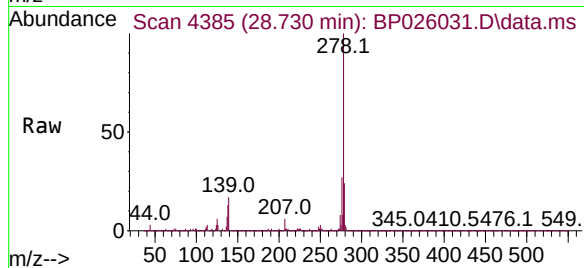
125 11.4 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 20.785 ng
RT: 28.730 min Scan# 4384
Delta R.T. -0.017 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

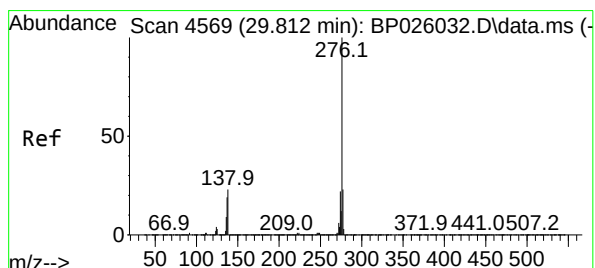
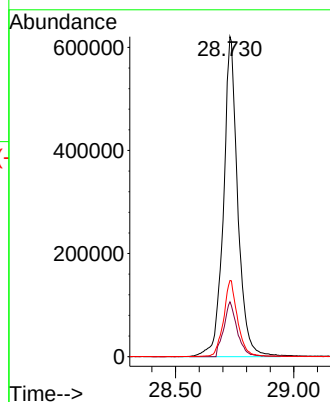
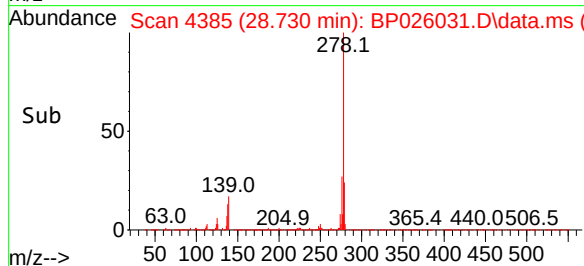
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 2601046
Ion Ratio Lower Upper
278 100
139 17.1 13.0 19.6
279 23.8 18.9 28.3

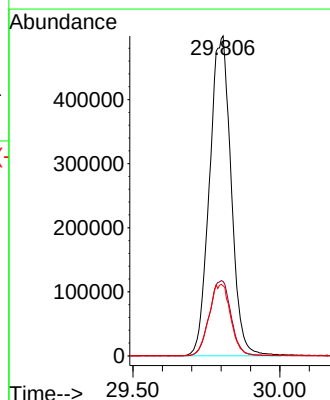
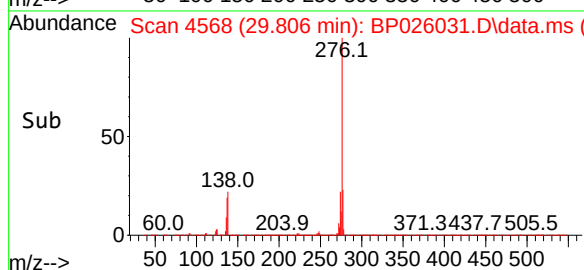
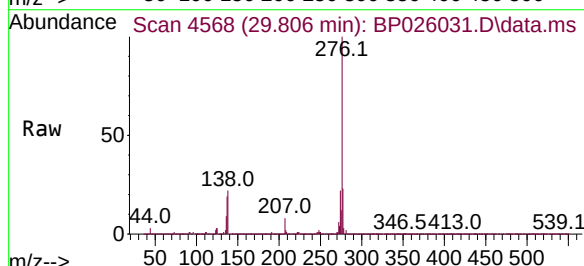
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#92
Benzo(g,h,i)perylene
Concen: 21.078 ng
RT: 29.806 min Scan# 4568
Delta R.T. -0.023 min
Lab File: BP026031.D
Acq: 29 Oct 2025 11:29

Tgt Ion:276 Resp: 2538211
Ion Ratio Lower Upper
276 100
277 23.3 18.5 27.7
138 21.9 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026032.D
 Acq On : 29 Oct 2025 12:10
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Quant Time: Oct 29 18:08:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	293060	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	1204929	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	764236	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1555861	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1646604	20.000	ng	0.01
86) Perylene-d12	24.889	264	1760712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1464250	82.445	ng	0.00
7) Phenol-d6	6.855	99	1882712	83.286	ng	0.00
23) Nitrobenzene-d5	8.825	82	1630132	84.339	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	722838	87.488	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4342634	81.651	ng	-0.01
79) Terphenyl-d14	19.866	244	6676375	82.377	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.243	88	302066	40.344	ng	100
3) Pyridine	3.625	79	867862	40.775	ng	100
4) n-Nitrosodimethylamine	3.537	42	342452	40.144	ng	100
6) Aniline	7.019	93	1237729	41.026	ng	100
8) 2-Chlorophenol	7.255	128	822579	41.826	ng	100
9) Benzaldehyde	6.831	77	474239	40.357	ng	100
10) Phenol	6.884	94	1039468	41.420	ng	100
11) bis(2-Chloroethyl)ether	7.119	93	804729	40.632	ng	100
12) 1,3-Dichlorobenzene	7.578	146	921791	40.813	ng	100
13) 1,4-Dichlorobenzene	7.719	146	925177	40.514	ng	100
14) 1,2-Dichlorobenzene	8.031	146	888039	40.753	ng	100
15) Benzyl Alcohol	7.913	79	668211	41.003	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1230074	41.095	ng	100
17) 2-Methylphenol	8.113	107	688795	41.915	ng	100
18) Hexachloroethane	8.760	117	323386	41.385	ng	100
19) n-Nitroso-di-n-propyla...	8.478	70	601712	42.881	ng	100
20) 3+4-Methylphenols	8.437	107	945490	41.358	ng	100
22) Acetophenone	8.490	105	1247543	40.939	ng	100
24) Nitrobenzene	8.866	77	859810	42.132	ng	100
25) Isophorone	9.390	82	1734781	41.932	ng	100
26) 2-Nitrophenol	9.566	139	308209	41.419	ng	100
27) 2,4-Dimethylphenol	9.631	122	728530	41.876	ng	100
28) bis(2-Chloroethoxy)met...	9.866	93	1076336	41.282	ng	100
29) 2,4-Dichlorophenol	10.101	162	788938	42.949	ng	100
30) 1,2,4-Trichlorobenzene	10.319	180	817950	40.968	ng	100
31) Naphthalene	10.501	128	2686976	40.893	ng	100
32) Benzoic acid	9.743	122	404584	40.754	ng	100
33) 4-Chloroaniline	10.601	127	1052918	41.701	ng	100
34) Hexachlorobutadiene	10.801	225	520749	41.043	ng	100
35) Caprolactam	11.360	113	271877	42.147	ng	100
36) 4-Chloro-3-methylphenol	11.731	107	831835	43.198	ng	100
37) 2-Methylnaphthalene	12.119	142	1916037	41.663	ng	100
38) 1-Methylnaphthalene	12.337	142	1850373	41.416	ng	100
40) 1,2,4,5-Tetrachloroben...	12.484	216	966620	40.707	ng	100
41) Hexachlorocyclopentadiene	12.478	237	361557	41.615	ng	100
43) 2,4,6-Trichlorophenol	12.725	196	614032	43.748	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026032.D
 Acq On : 29 Oct 2025 12:10
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Quant Time: Oct 29 18:08:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	697254	43.536	ng	100
46) 1,1'-Biphenyl	13.137	154	2384975	40.756	ng	100
47) 2-Chloronaphthalene	13.172	162	1878852	40.808	ng	100
48) 2-Nitroaniline	13.372	65	464490	40.401	ng	100
49) Acenaphthylene	14.031	152	2800152	41.727	ng	100
50) Dimethylphthalate	13.772	163	2326622	41.854	ng	100
51) 2,6-Dinitrotoluene	13.878	165	402854	39.911	ng	100
52) Acenaphthene	14.378	154	1909071	41.440	ng	100
53) 3-Nitroaniline	14.207	138	495409	40.022	ng	100
54) 2,4-Dinitrophenol	14.413	184	153212	40.475	ng	100
55) Dibenzofuran	14.719	168	2856737	41.043	ng	100
56) 4-Nitrophenol	14.519	139	436072	39.340	ng	100
57) 2,4-Dinitrotoluene	14.672	165	600497	40.877	ng	100
58) Fluorene	15.384	166	2216283	40.643	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.948	232	556750	44.213	ng	100
60) Diethylphthalate	15.160	149	2367180	42.357	ng	100
61) 4-Chlorophenyl-phenyle...	15.384	204	1116700	41.008	ng	100
62) 4-Nitroaniline	15.389	138	522724	44.005	ng	100
63) Azobenzene	15.678	77	2107059	41.601	ng	100
65) 4,6-Dinitro-2-methylph...	15.454	198	237899	39.981	ng	100
66) n-Nitrosodiphenylamine	15.601	169	2012448	41.369	ng	100
67) 4-Bromophenyl-phenylether	16.295	248	710184	41.150	ng	100
68) Hexachlorobenzene	16.413	284	801740	40.808	ng	100
69) Atrazine	16.583	200	681323	41.518	ng	100
70) Pentachlorophenol	16.766	266	499791	41.647	ng	100
71) Phenanthrene	17.172	178	3699137	40.848	ng	100
72) Anthracene	17.266	178	3661573	40.790	ng	100
73) Carbazole	17.542	167	3513761	41.351	ng	100
74) Di-n-butylphthalate	18.154	149	4146570	43.610	ng	100
75) Fluoranthene	19.260	202	4389430	41.552	ng	100
77) Benzidine	19.454	184	1702883	40.744	ng	100
78) Pyrene	19.642	202	4699012	42.194	ng	100
80) Butylbenzylphthalate	20.607	149	1633601	39.905	ng	100
81) Benzo(a)anthracene	21.554	228	4675082	41.317	ng	100
82) 3,3'-Dichlorobenzidine	21.477	252	1520065	41.695	ng	100
83) Chrysene	21.630	228	4430345	41.334	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	2729269	41.098	ng	100
85) Di-n-octyl phthalate	22.801	149	4237623	43.233	ng	100
87) Indeno(1,2,3-cd)pyrene	28.636	276	5507457	42.386	ng	100
88) Benzo(b)fluoranthene	23.842	252	4599800	42.083	ng	100
89) Benzo(k)fluoranthene	23.907	252	4686005	41.983	ng	100
90) Benzo(a)pyrene	24.724	252	4261972	42.443	ng	100
91) Dibenzo(a,h)anthracene	28.724	278	4484851	42.397	ng	100
92) Benzo(g,h,i)perylene	29.812	276	4266684	41.915	ng	100

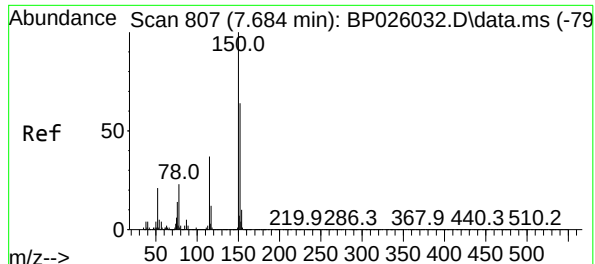
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

TIC: BP026032.D\data.ms

The chromatogram displays a complex mixture of compounds. Key peaks include:

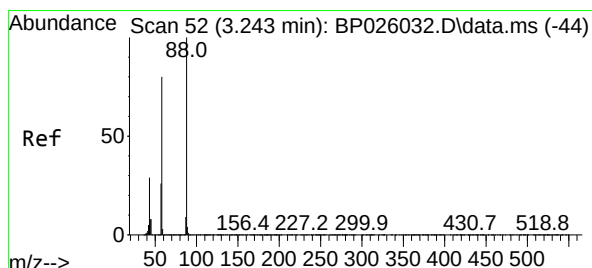
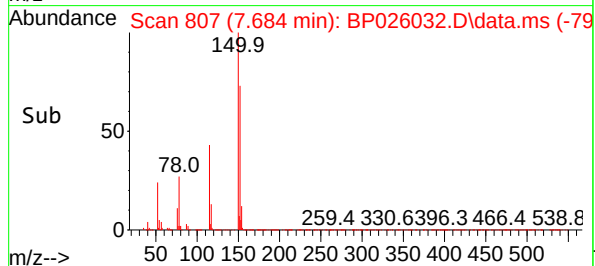
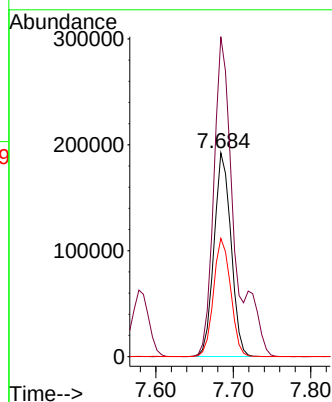
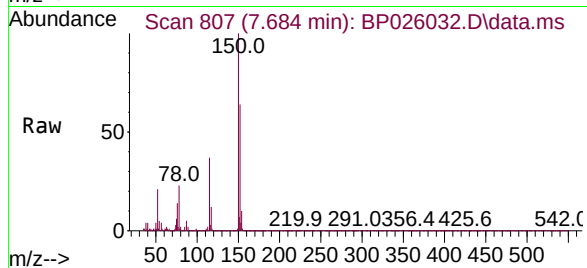
- 1,4-Dioxane
- n-Nitrosodimethylaniline
- 2-Fluorophenol,S
- Benzothiazide
- bis(2-chlorophenyl)ether
- Phenol-d6,S
- 1,4-Dichlorobenzene,C
- 2,4-Dichlorophenol
- 2,5-Dichlorophenol
- 2,6-Dichlorophenol
- Nitrobenzene,P
- Nitrobenzene,S
- Nitrobenzene-d5,S
- Isophorone
- 2-Nitrophenol,C
- 2,4-Dinitrophenol
- bis(2-chlorophenyl)methane
- 1-Chloro-2-naphthol
- Naphthalene-1-thiol
- Hexachlorocycladiene,C
- Caprolactam
- 4-Chloro-3-methylphenol,C
- 2-Methylnaphthalene
- Hexachlorocyclopentadiene
- 2,4,6-Trichlorophenol
- 2-Chloronaphthalene
- 2-Nitroaniline
- 2,6-Dinitrotoluene
- Dinethylphthalate
- Acefenanthrylene
- Acenaphthene,d8
- Acenaphthene,C
- Dibenzofuran
- 2,3,4,6-Tetrachlorophthalate
- 4,6-Dinitro-2-methylphenol
- Azobenzene
- 2,4,6-Trichlorophenol
- 4-Bromophenyl ether
- Pentachlorophenol,C
- Phenanthrene,d10
- Phenanthrene,d11
- Carbazole
- Di-n-butylphthalate
- Benzidine
- Fluoranthene,C
- Pyrene
- Butylbenzylphthalate
- Chrysene,d12
- 3,4-Dichlorobenzilidene-2,5-dicyanobenzoate
- Di-n-octyl phthalate,c
- Benzo(a)pyrene
- Benzo(g,h,i)perylene
- Benzo(a)pyrene,C
- Perylene-d12,l
- Dibenz(a,h,i)acetylene
- Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 807
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

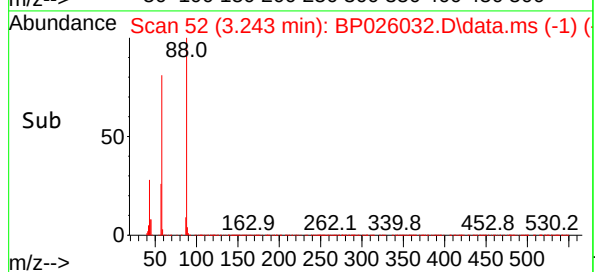
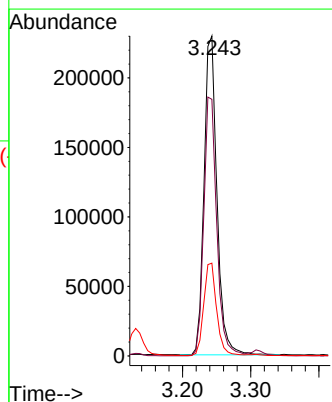
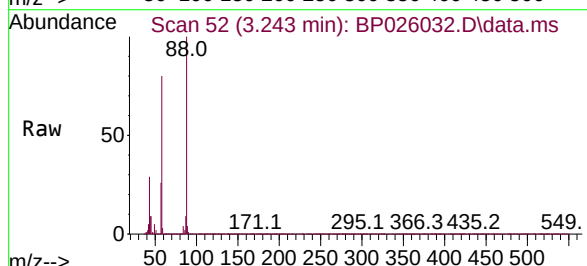
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

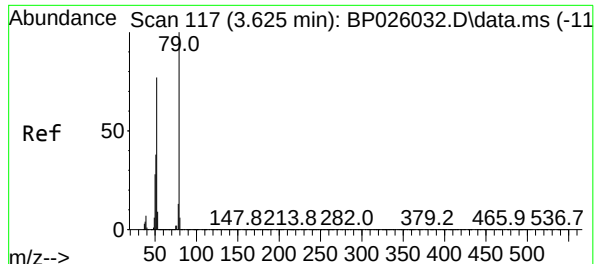
Tgt Ion:152 Resp: 293060
Ion Ratio Lower Upper
152 100
150 157.1 125.7 188.5
115 58.0 46.4 69.6



#2
1,4-Dioxane
Concen: 40.344 ng
RT: 3.243 min Scan# 52
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 88 Resp: 302066
Ion Ratio Lower Upper
88 100
58 81.7 65.4 98.0
43 28.9 23.1 34.7





#3

Pyridine

Concen: 40.775 ng

RT: 3.625 min Scan# 117

Delta R.T. 0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

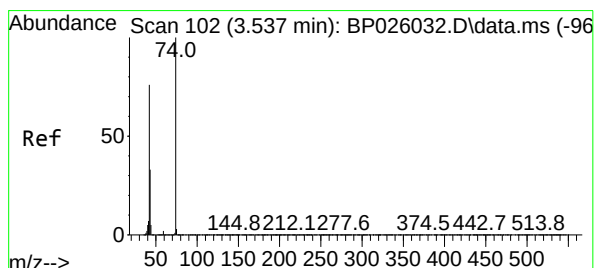
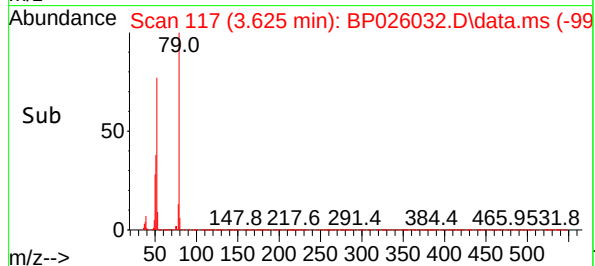
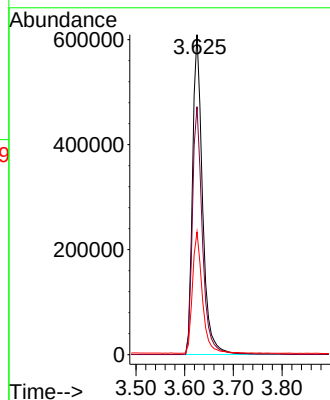
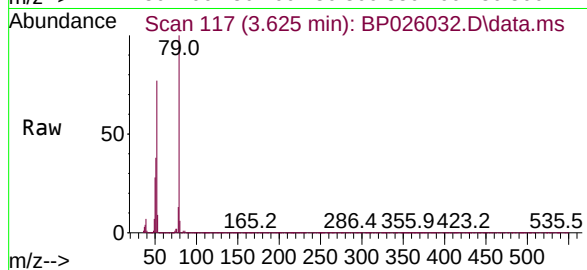
Tgt Ion: 79 Resp: 867862

Ion Ratio Lower Upper

79 100

52 77.5 62.0 93.0

51 38.3 30.6 46.0



#4

n-Nitrosodimethylamine

Concen: 40.144 ng

RT: 3.537 min Scan# 102

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

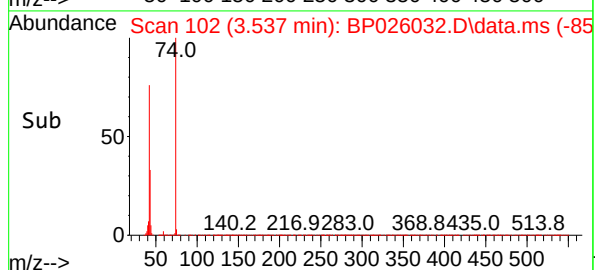
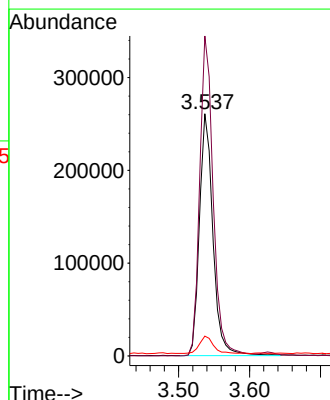
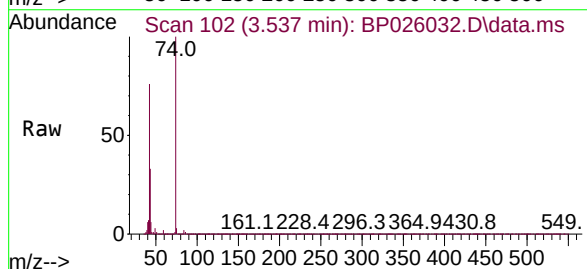
Tgt Ion: 42 Resp: 342452

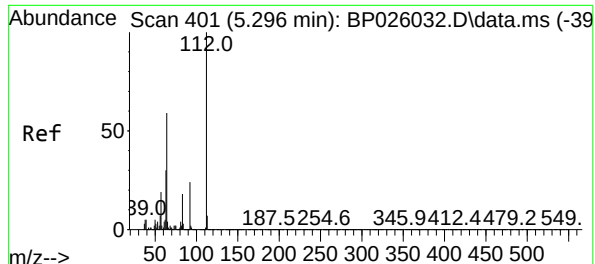
Ion Ratio Lower Upper

42 100

74 132.1 105.7 158.5

44 8.2 6.6 9.8

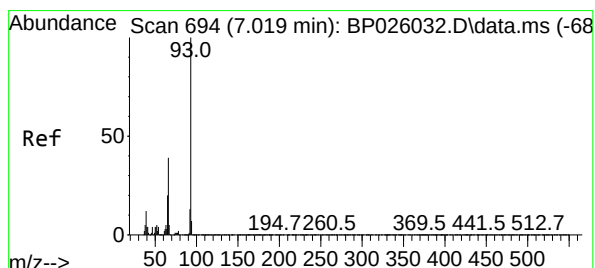
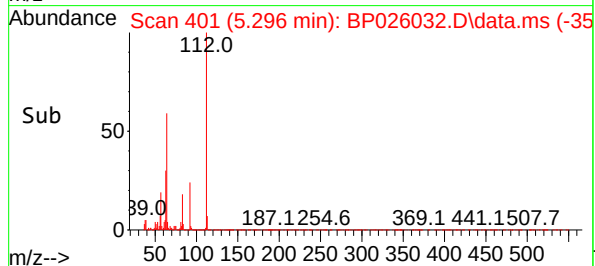
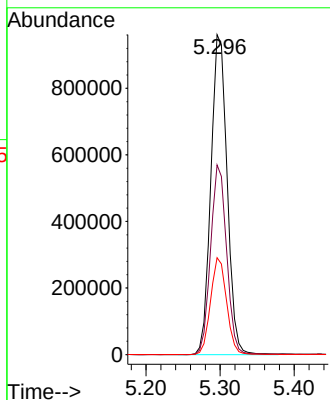
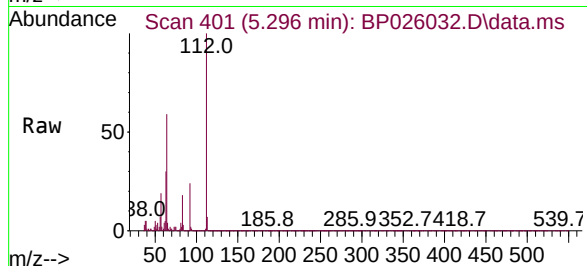




#5
2-Fluorophenol
Concen: 82.445 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

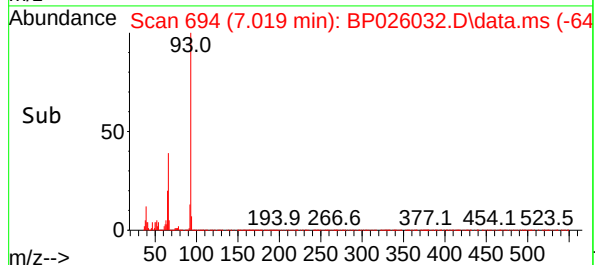
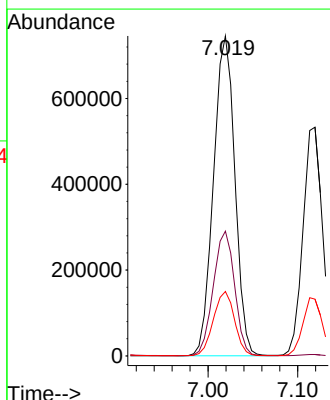
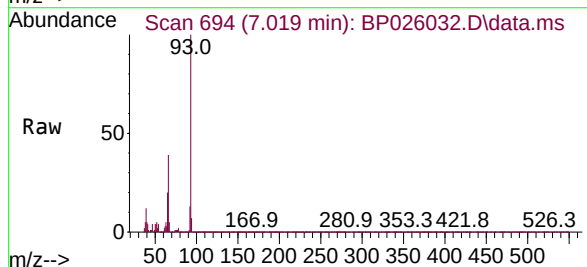
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

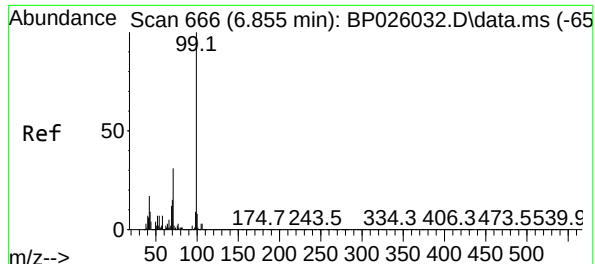
Tgt Ion:112 Resp: 1464250
Ion Ratio Lower Upper
112 100
64 59.3 47.4 71.2
63 30.3 24.2 36.4



#6
Aniline
Concen: 41.026 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 93 Resp: 1237729
Ion Ratio Lower Upper
93 100
66 39.0 31.2 46.8
65 20.1 16.1 24.1





#7

Phenol-d6

Concen: 83.286 ng

RT: 6.855 min Scan# 666

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

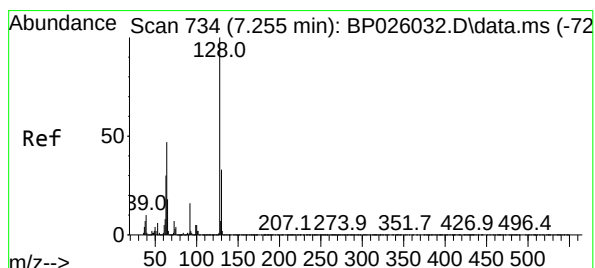
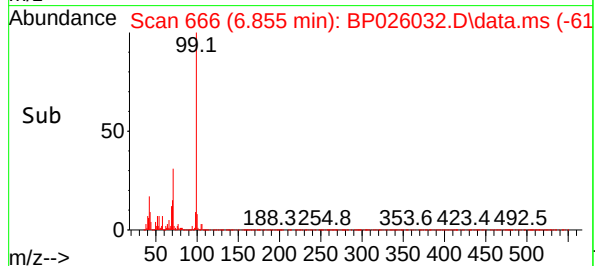
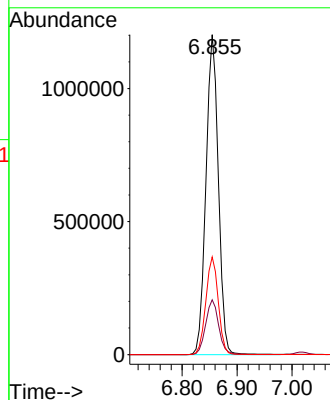
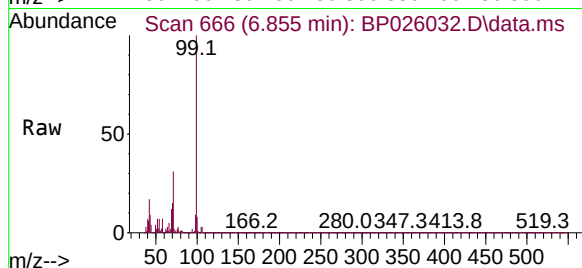
BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 1882712

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.7	20.5
71	30.5	24.4	36.6



#8

2-Chlorophenol

Concen: 41.826 ng

RT: 7.255 min Scan# 734

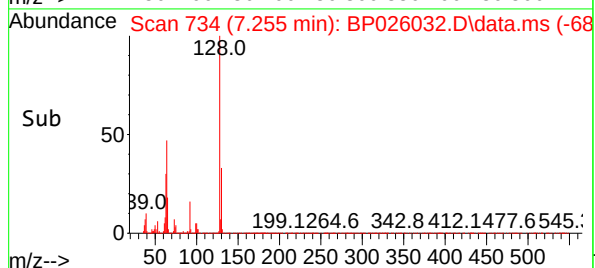
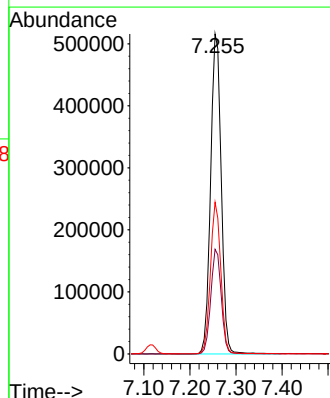
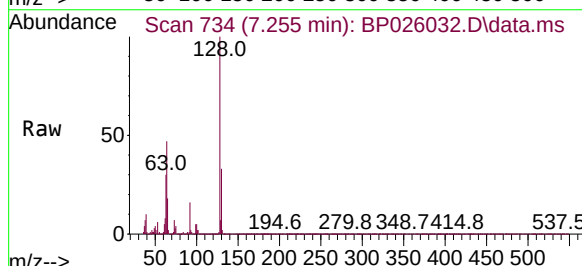
Delta R.T. 0.000 min

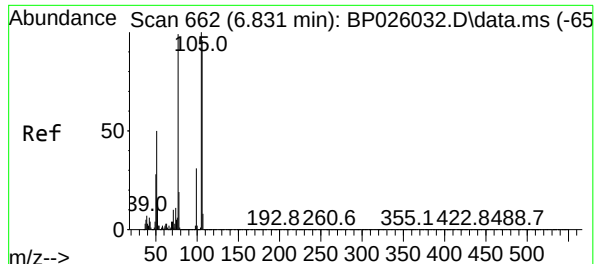
Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Tgt Ion: 128 Resp: 822579

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	47.4	27.4	67.4

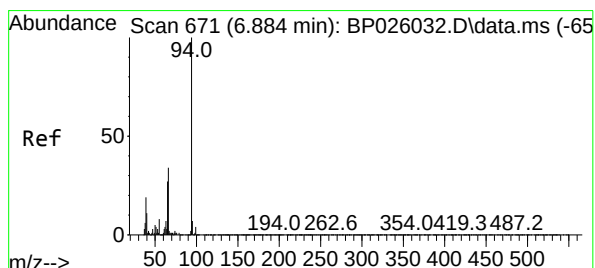
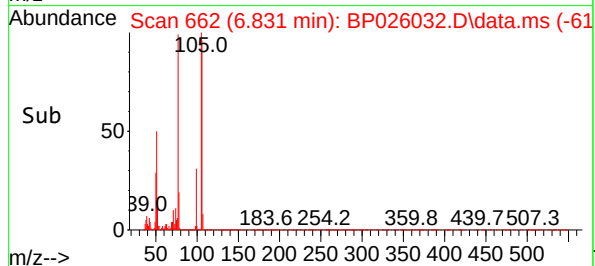
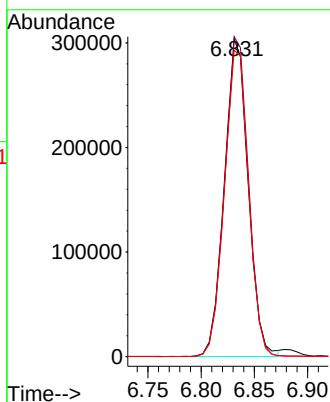
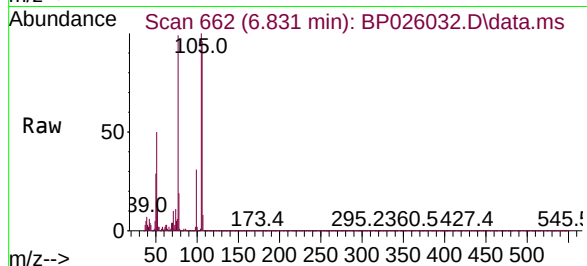




#9
Benzaldehyde
Concen: 40.357 ng
RT: 6.831 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

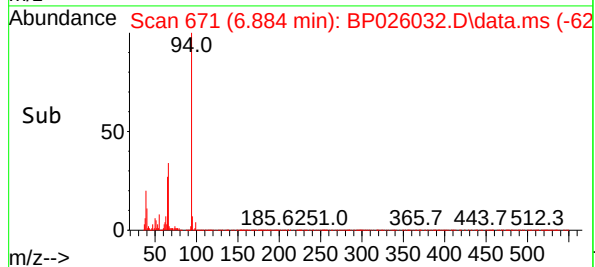
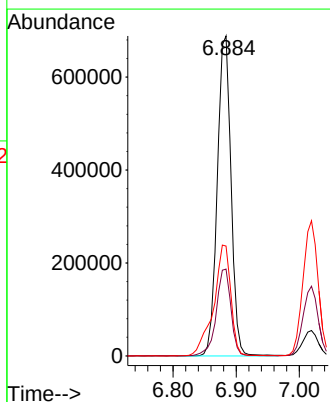
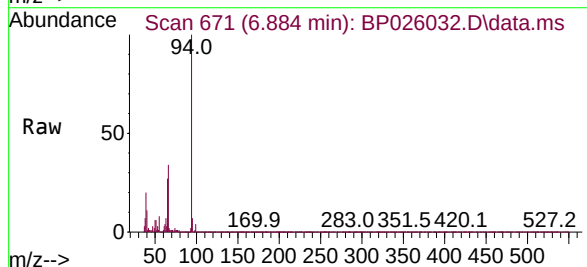
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

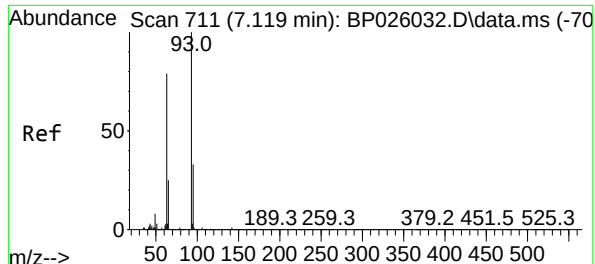
Tgt Ion: 77 Resp: 474239
Ion Ratio Lower Upper
77 100
105 100.7 80.7 120.7
106 96.5 76.5 116.5



#10
Phenol
Concen: 41.420 ng
RT: 6.884 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 94 Resp: 1039468
Ion Ratio Lower Upper
94 100
65 27.1 7.1 47.1
66 34.4 14.4 54.4

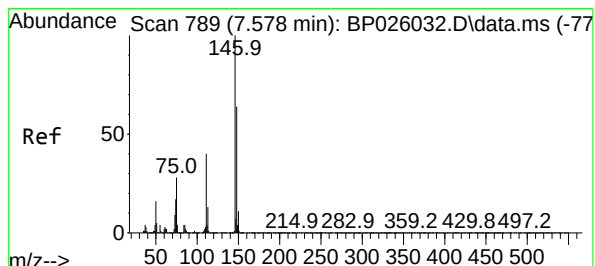
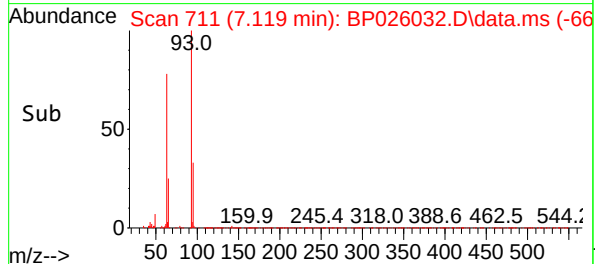
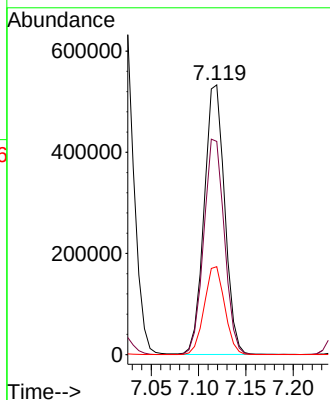
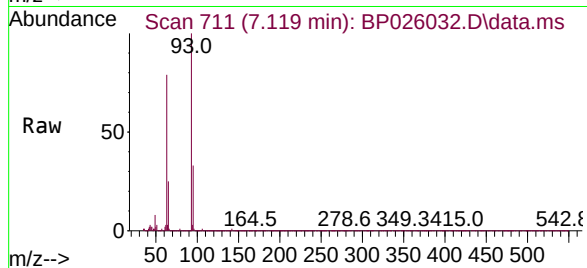




#11
bis(2-Chloroethyl)ether
Concen: 40.632 ng
RT: 7.119 min Scan# 711
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

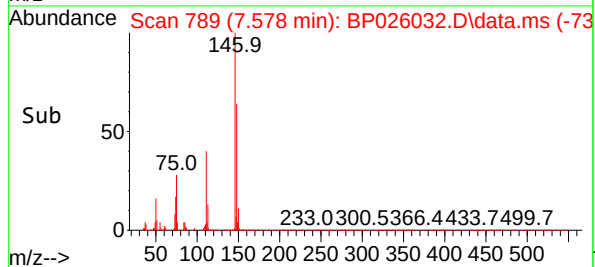
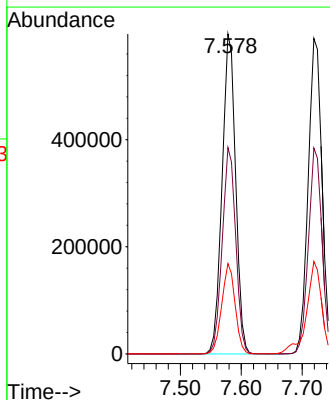
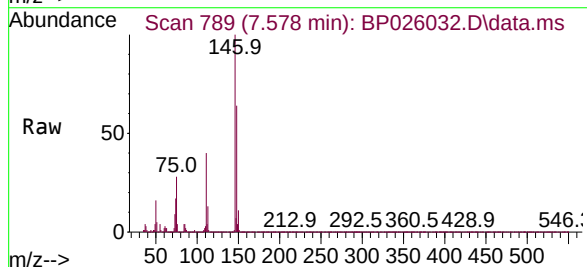
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

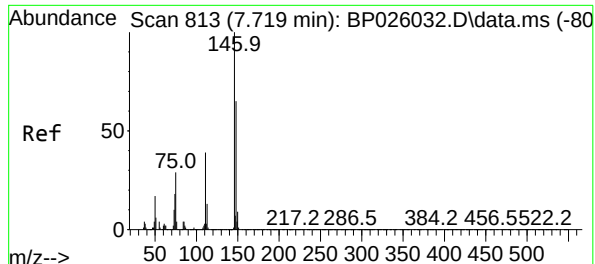
Tgt Ion: 93 Resp: 804729
Ion Ratio Lower Upper
93 100
63 79.1 59.1 99.1
95 32.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.813 ng
RT: 7.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 146 Resp: 921791
Ion Ratio Lower Upper
146 100
148 64.5 51.6 77.4
75 28.2 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 40.514 ng

RT: 7.719 min Scan# 813

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

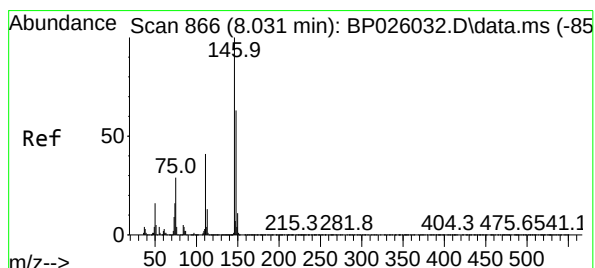
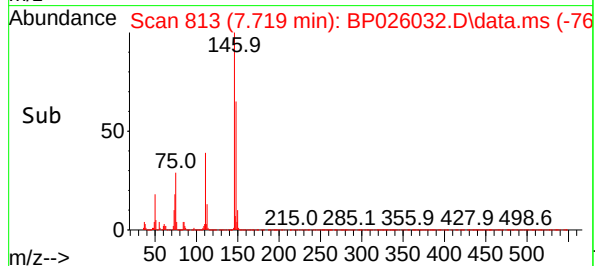
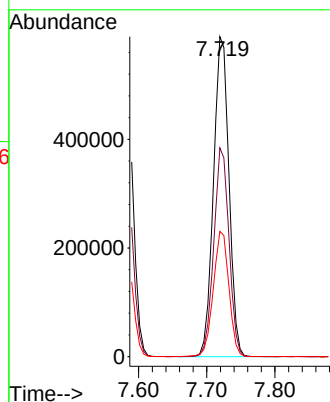
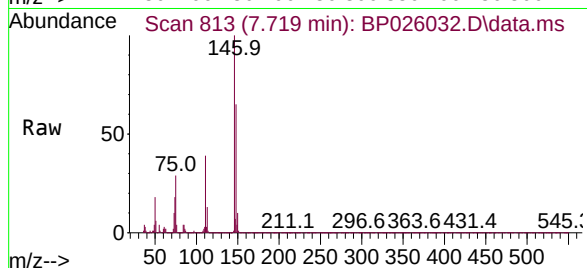
Tgt Ion:146 Resp: 925177

Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.2

111 39.1 31.3 46.9



#14

1,2-Dichlorobenzene

Concen: 40.753 ng

RT: 8.031 min Scan# 866

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

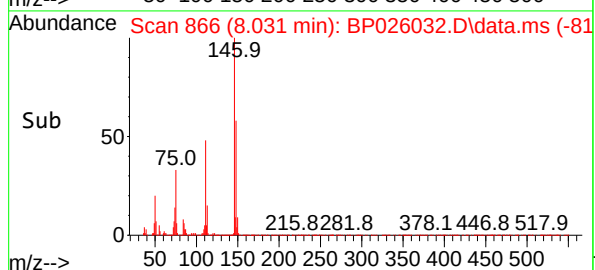
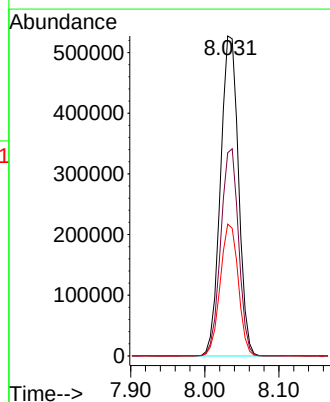
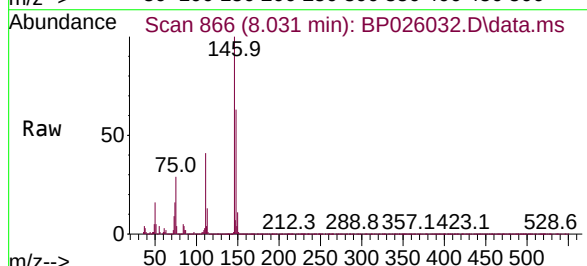
Tgt Ion:146 Resp: 888039

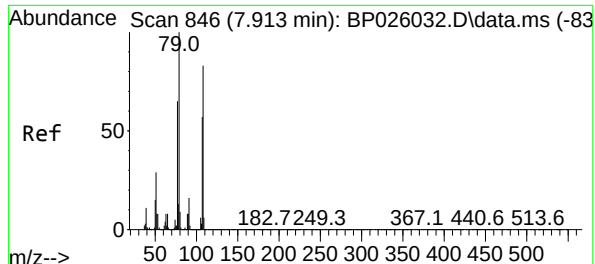
Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

111 41.2 33.0 49.4





#15

Benzyl Alcohol

Concen: 41.003 ng

RT: 7.913 min Scan# 846

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

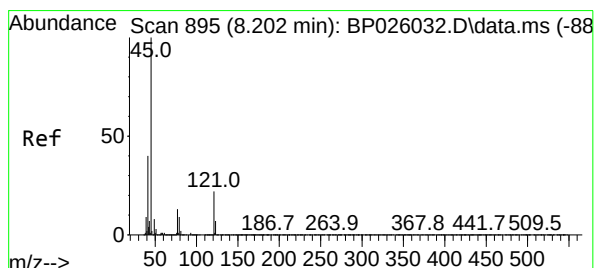
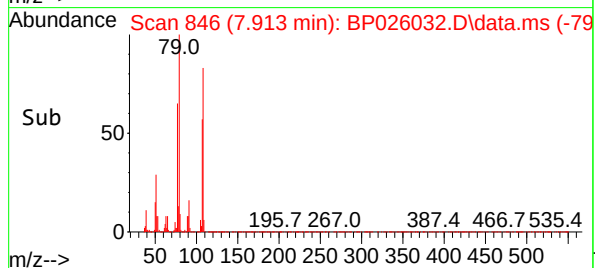
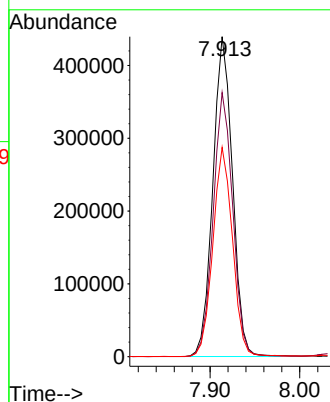
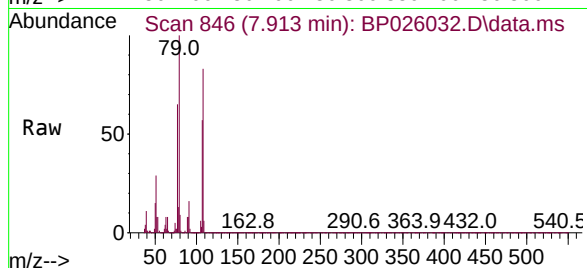
Tgt Ion: 79 Resp: 668211

Ion Ratio Lower Upper

79 100

108 82.5 66.0 99.0

77 65.4 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.095 ng

RT: 8.202 min Scan# 895

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

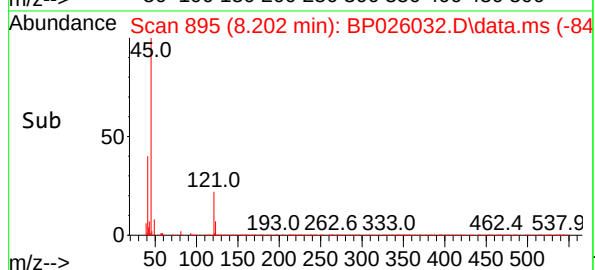
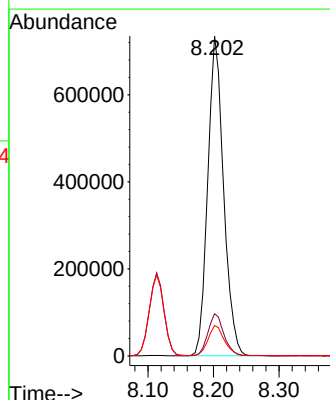
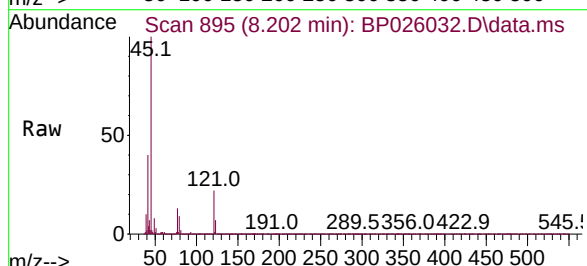
Tgt Ion: 45 Resp: 1230074

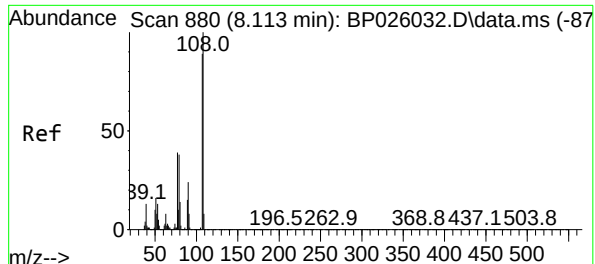
Ion Ratio Lower Upper

45 100

77 13.2 0.0 33.2

79 9.5 0.0 29.5

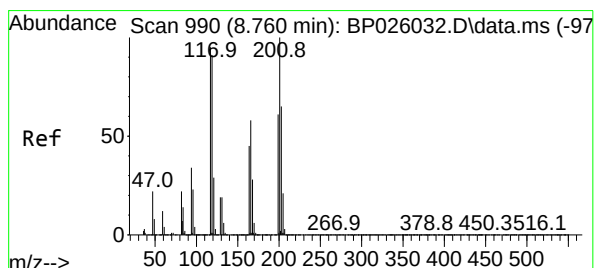
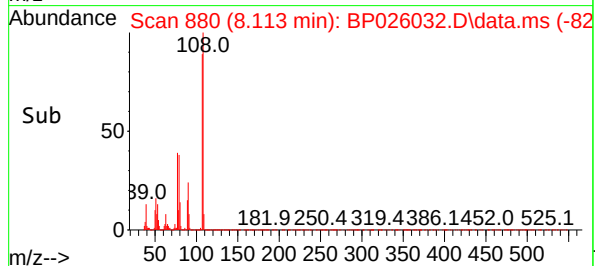
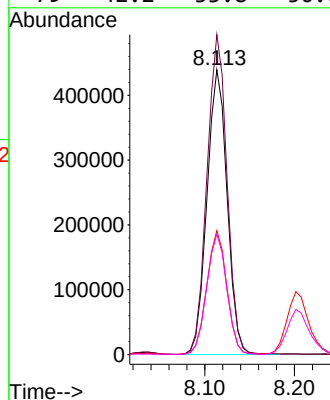
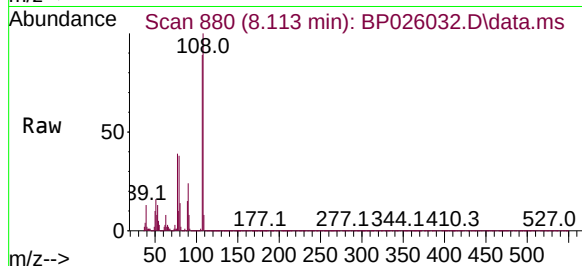




#17
2-Methylphenol
Concen: 41.915 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

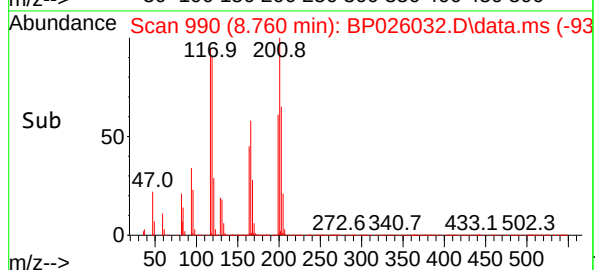
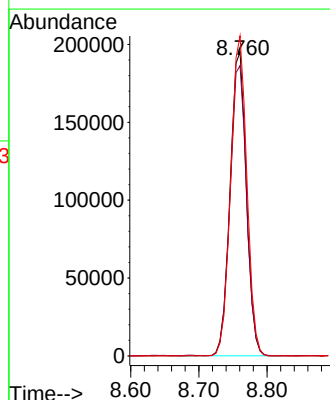
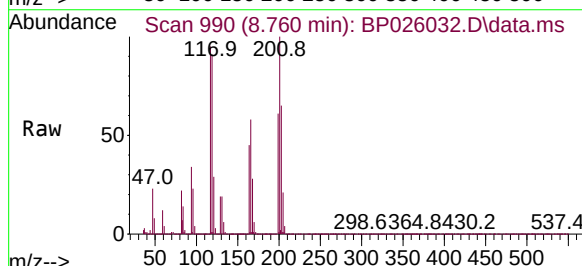
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

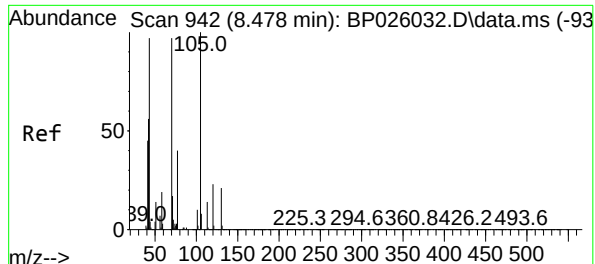
Tgt Ion:107 Resp: 688795
Ion Ratio Lower Upper
107 100
108 112.3 89.8 134.8
77 43.5 34.8 52.2
79 42.2 33.8 50.6



#18
Hexachloroethane
Concen: 41.385 ng
RT: 8.760 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:117 Resp: 323386
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
201 105.3 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 42.881 ng

RT: 8.478 min Scan# 942

Delta R.T. -0.012 min

Lab File: BP026032.D

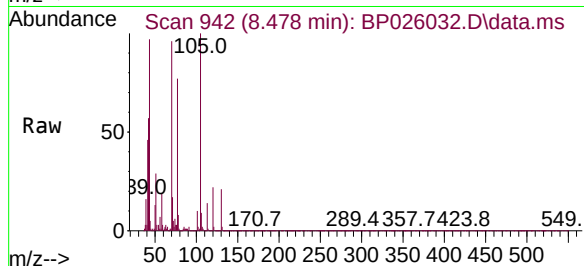
Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040



Tgt Ion: 70 Resp: 601712

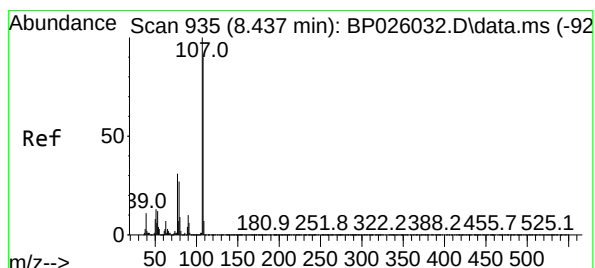
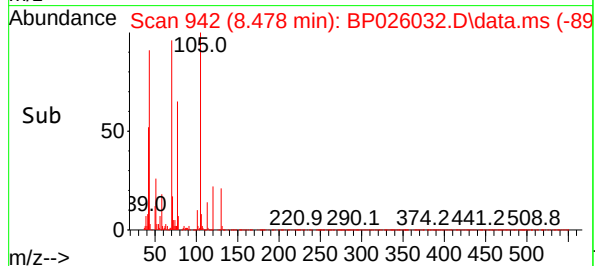
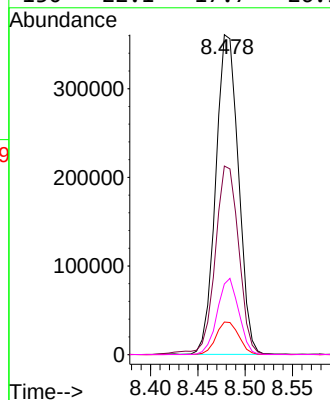
Ion Ratio Lower Upper

70 100

42 59.0 47.2 70.8

101 10.2 8.2 12.2

130 22.1 17.7 26.5



#20

3+4-Methylphenols

Concen: 41.358 ng

RT: 8.437 min Scan# 935

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Tgt Ion: 107 Resp: 945490

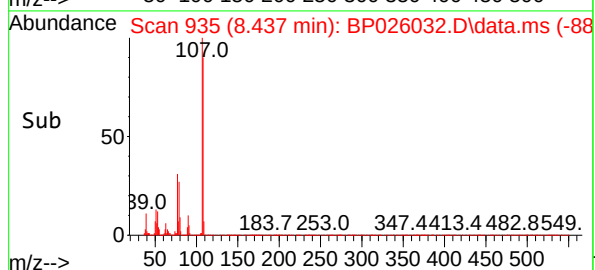
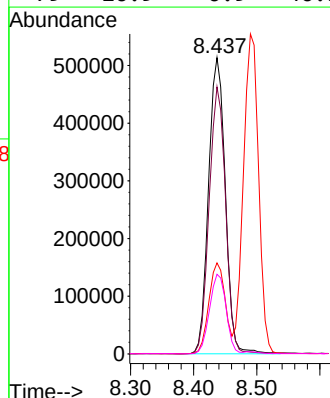
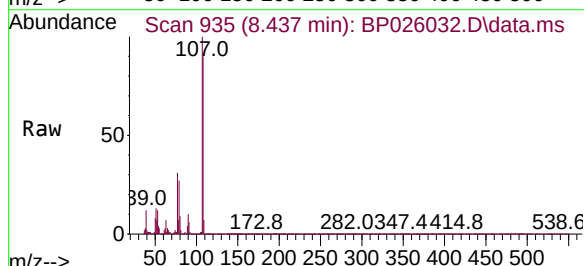
Ion Ratio Lower Upper

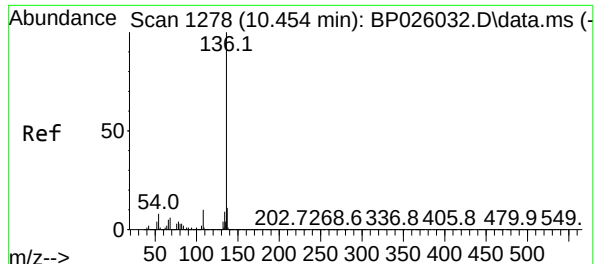
107 100

108 90.1 70.1 110.1

77 30.7 10.7 50.7

79 26.9 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.454 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

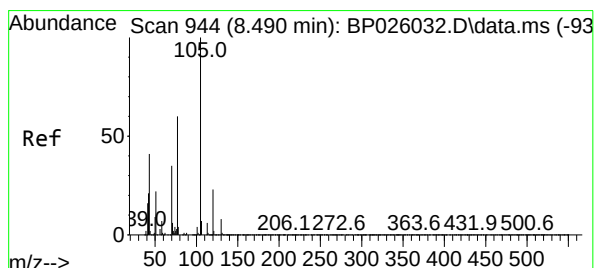
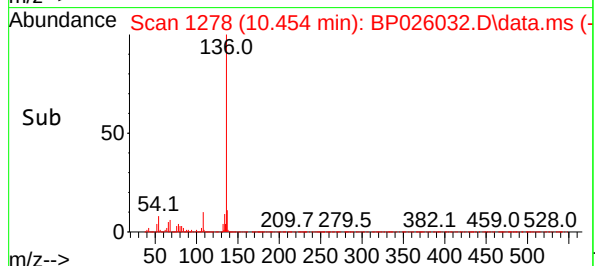
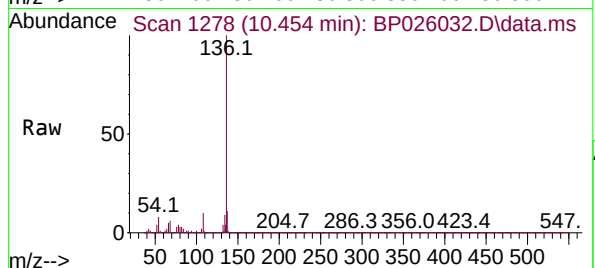
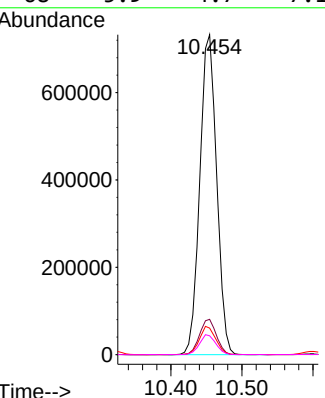
BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 1204929

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	6.6	10.0
68	5.9	4.7	7.1



#22

Acetophenone

Concen: 40.939 ng

RT: 8.490 min Scan# 944

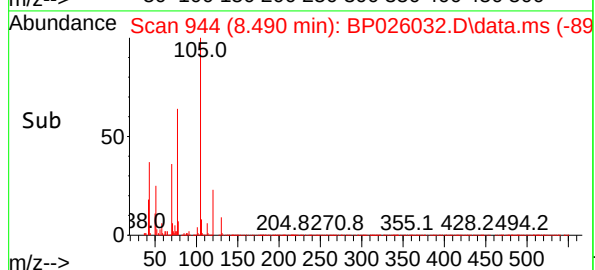
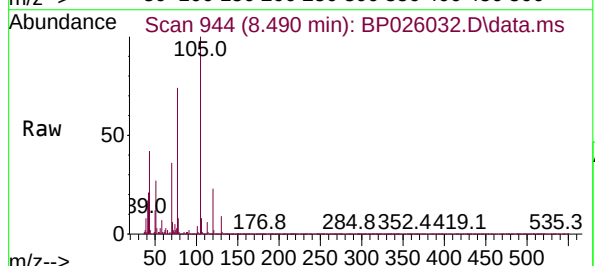
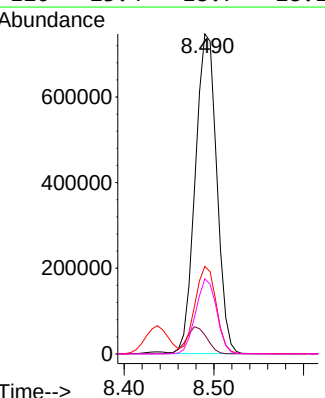
Delta R.T. -0.006 min

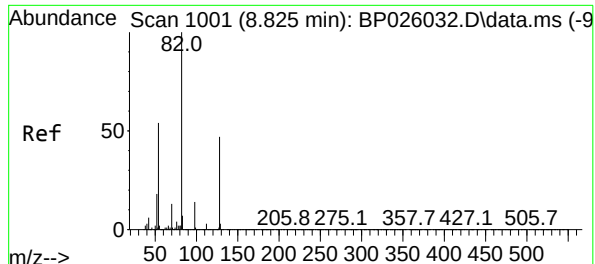
Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Tgt Ion:105 Resp: 1247543

Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.7	7.1
51	27.3	21.8	32.8
120	23.4	18.7	28.1





#23

Nitrobenzene-d5

Concen: 84.339 ng

RT: 8.825 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

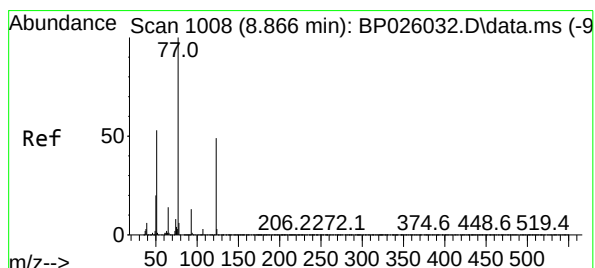
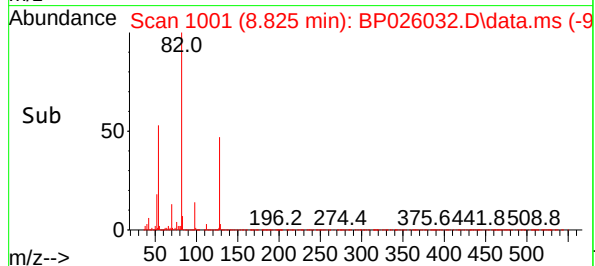
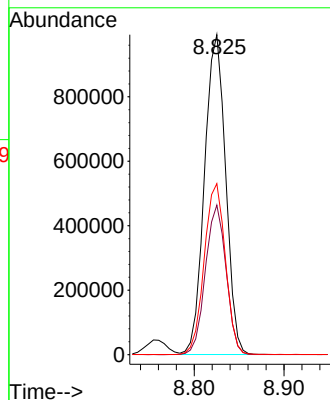
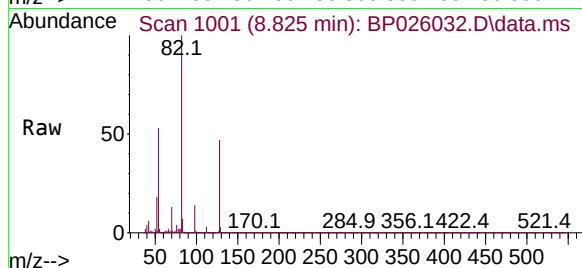
Tgt Ion: 82 Resp: 1630132

Ion Ratio Lower Upper

82 100

128 46.7 37.4 56.0

54 53.4 42.7 64.1



#24

Nitrobenzene

Concen: 42.132 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

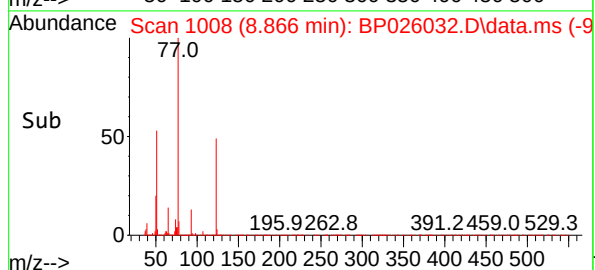
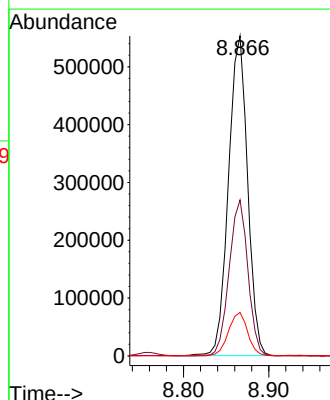
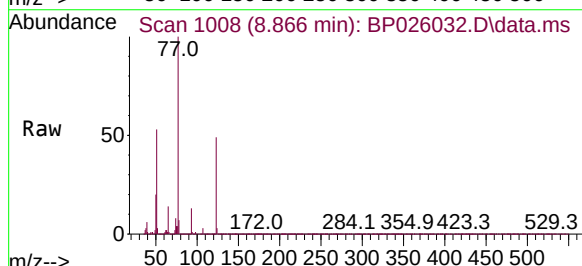
Tgt Ion: 77 Resp: 859810

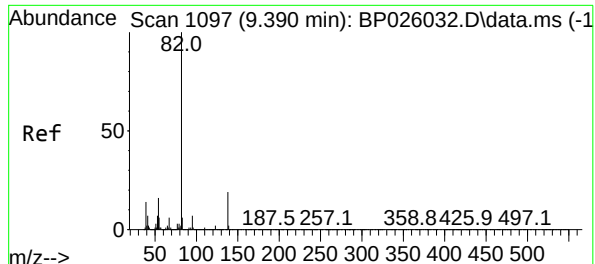
Ion Ratio Lower Upper

77 100

123 48.7 39.0 58.4

65 13.6 10.9 16.3

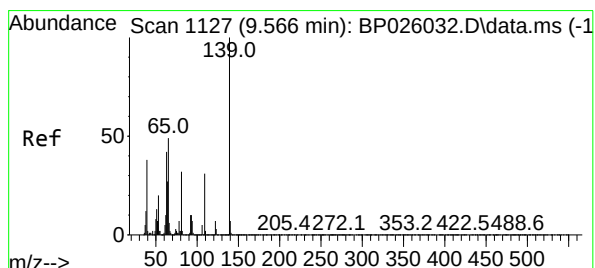
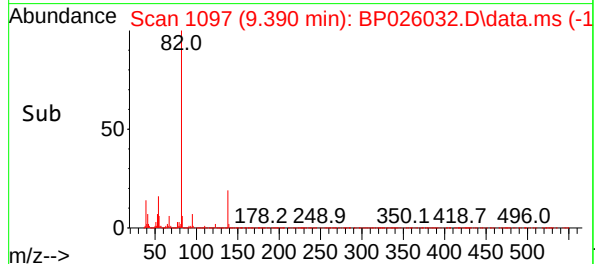
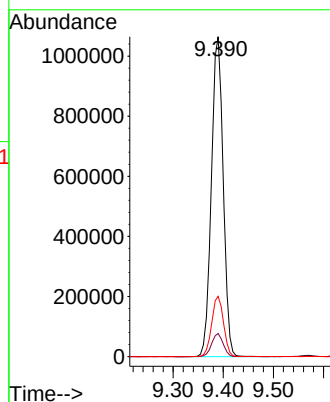
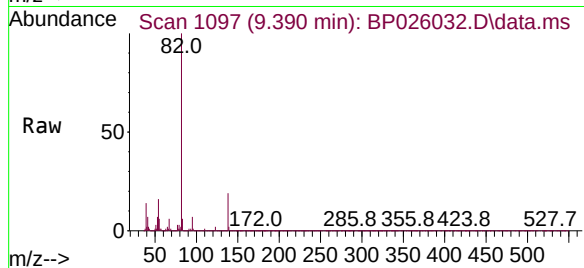




#25
Isophorone
Concen: 41.932 ng
RT: 9.390 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

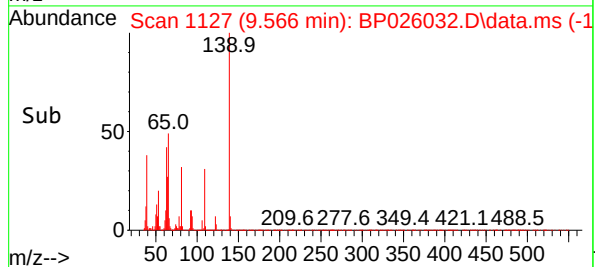
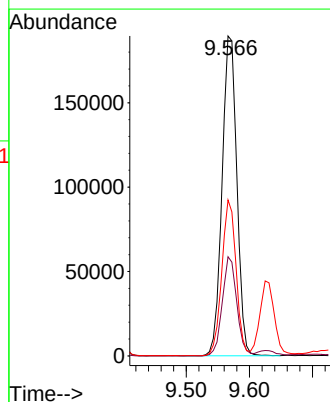
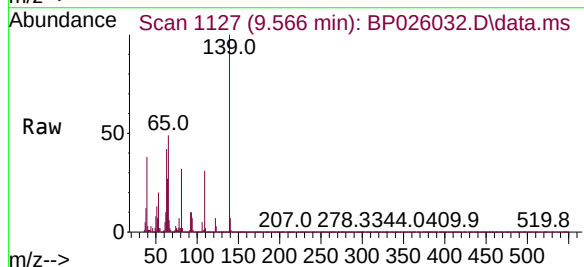
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

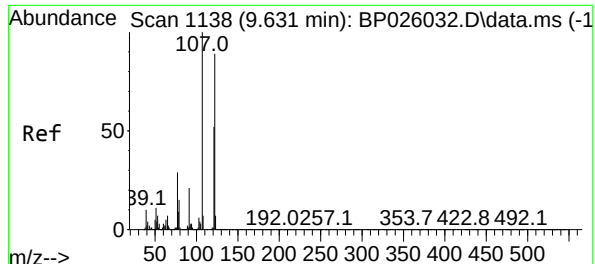
Tgt Ion: 82 Resp: 1734781
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 18.8 15.0 22.6



#26
2-Nitrophenol
Concen: 41.419 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 139 Resp: 308209
Ion Ratio Lower Upper
139 100
109 31.0 24.8 37.2
65 48.7 39.0 58.4





#27

2,4-Dimethylphenol

Concen: 41.876 ng

RT: 9.631 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

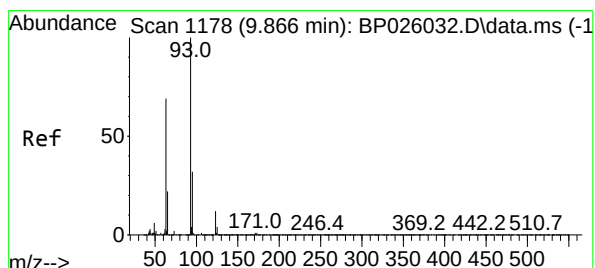
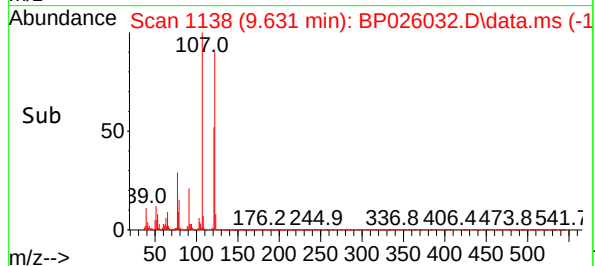
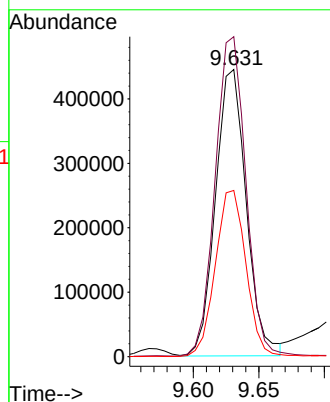
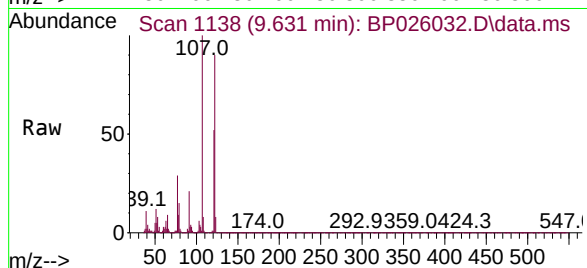
Tgt Ion:122 Resp: 728530

Ion Ratio Lower Upper

122 100

107 111.5 89.2 133.8

121 57.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.282 ng

RT: 9.866 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

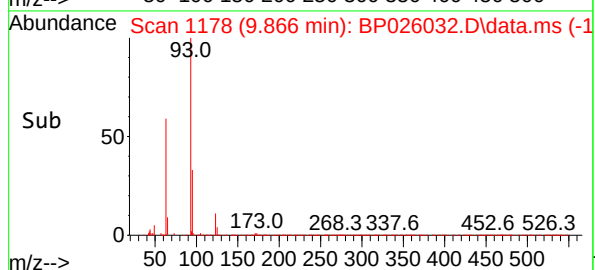
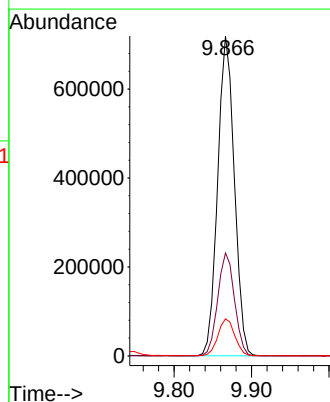
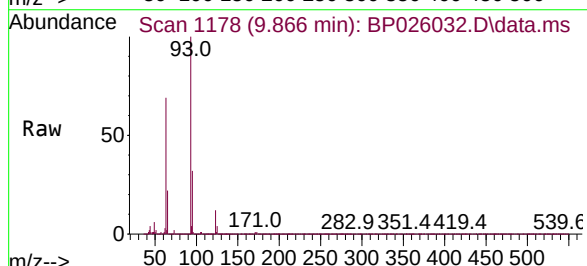
Tgt Ion: 93 Resp: 1076336

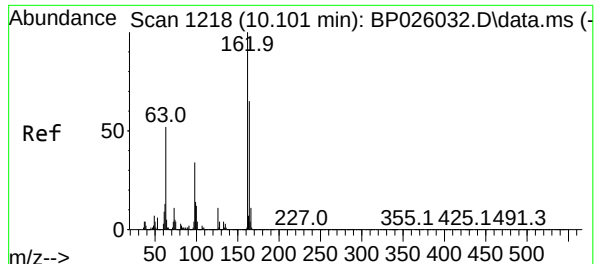
Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.6

123 11.6 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 42.949 ng

RT: 10.101 min Scan# 1218

Delta R.T. 0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

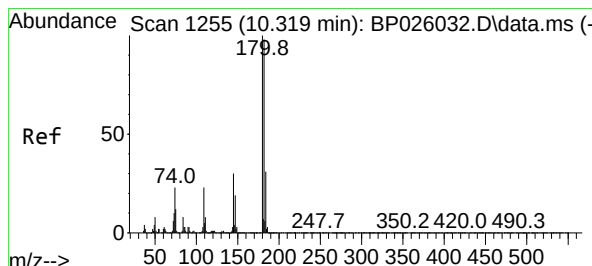
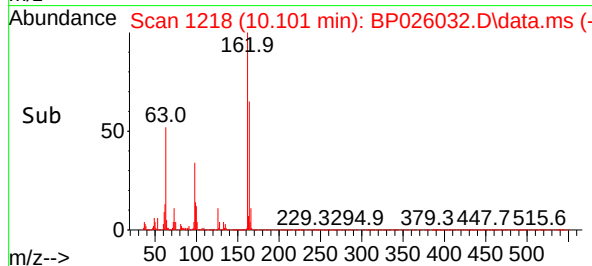
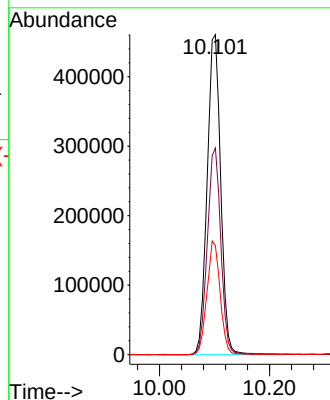
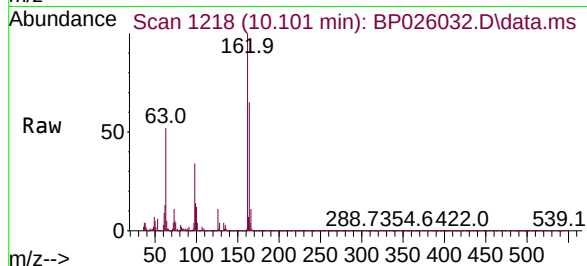
Tgt Ion:162 Resp: 788938

Ion Ratio Lower Upper

162 100

164 64.6 44.6 84.6

98 34.0 14.0 54.0



#30

1,2,4-Trichlorobenzene

Concen: 40.968 ng

RT: 10.319 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

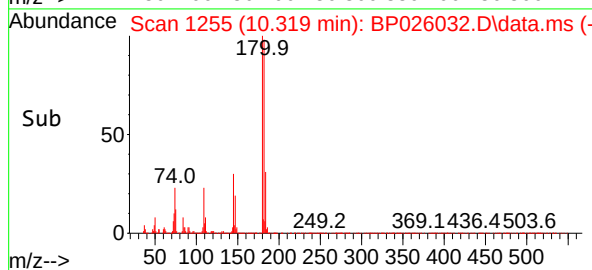
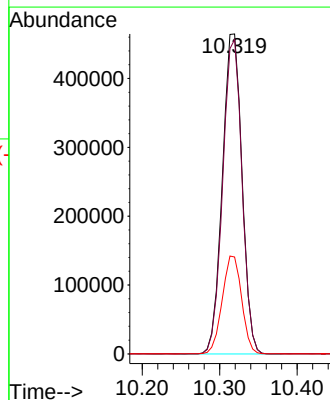
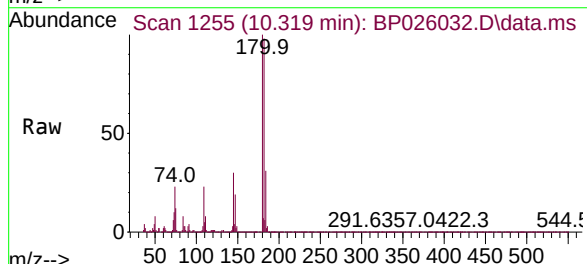
Tgt Ion:180 Resp: 817950

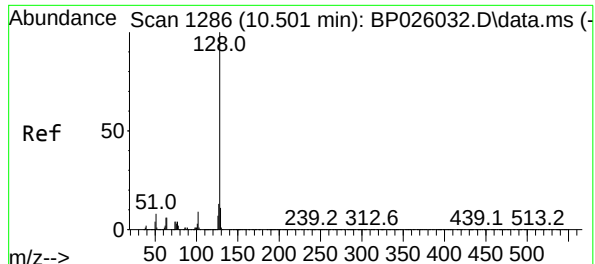
Ion Ratio Lower Upper

180 100

182 98.2 78.6 117.8

145 30.3 24.2 36.4

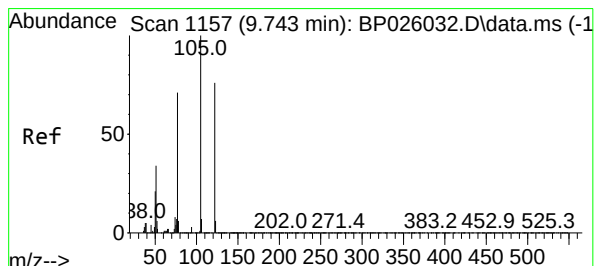
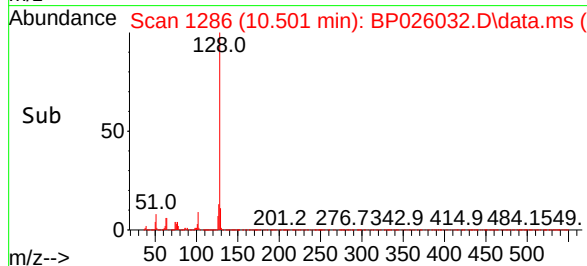
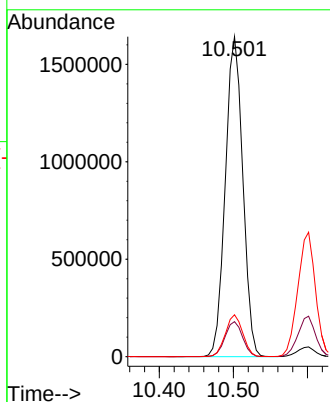
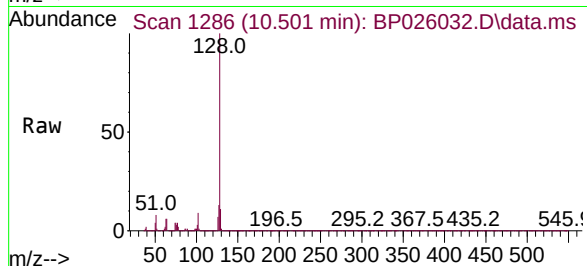




#31
Naphthalene
Concen: 40.893 ng
RT: 10.501 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

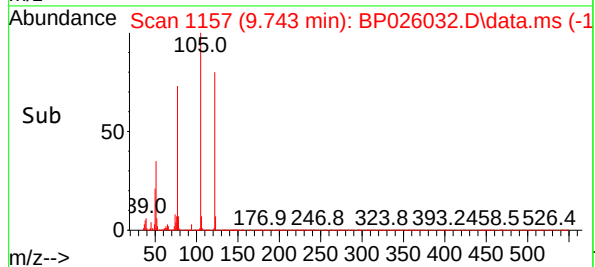
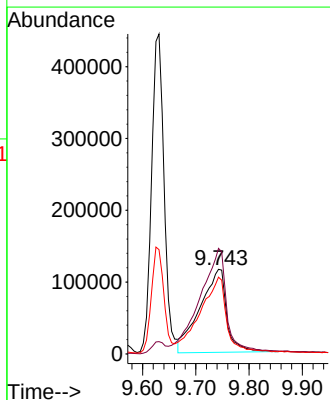
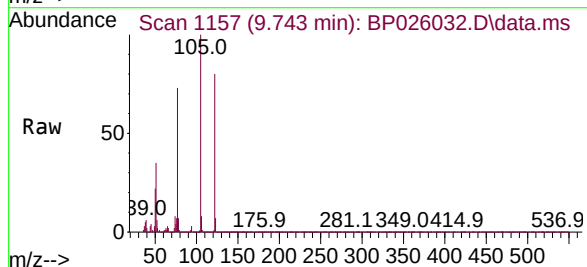
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

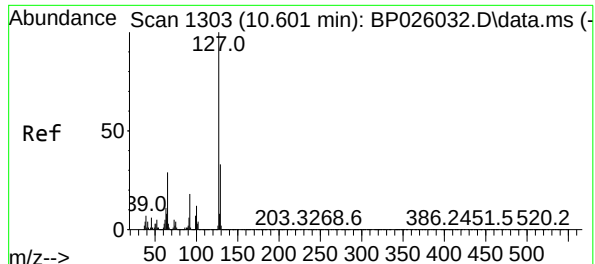
Tgt Ion:128 Resp: 2686976
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 40.754 ng
RT: 9.743 min Scan# 1157
Delta R.T. -0.035 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:122 Resp: 404584
Ion Ratio Lower Upper
122 100
105 124.8 104.8 144.8
77 90.9 70.9 110.9





#33

4-Chloroaniline

Concen: 41.701 ng

RT: 10.601 min Scan# 1303

Delta R.T. 0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 1052918

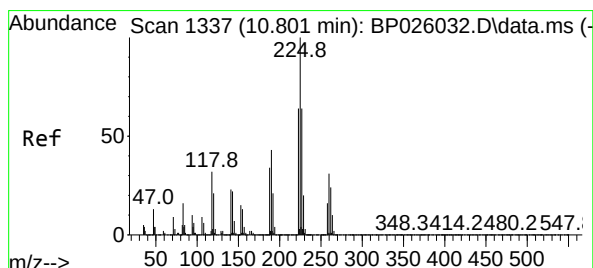
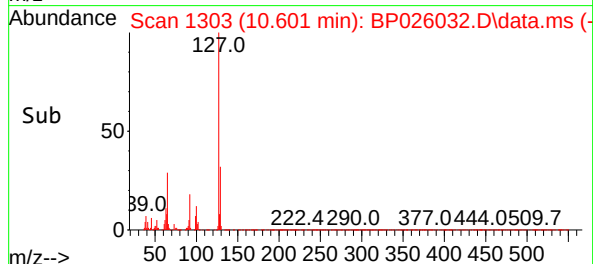
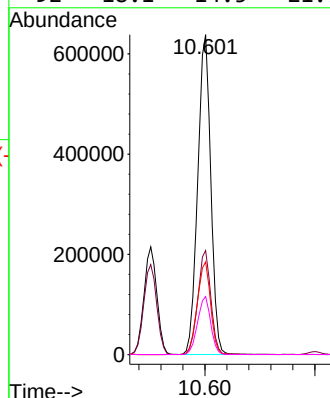
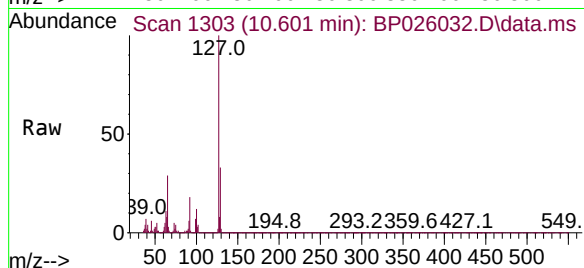
Ion	Ratio	Lower	Upper

127	100		

129	32.5	26.0	39.0

65	29.0	23.2	34.8

92	18.1	14.5	21.7



#34

Hexachlorobutadiene

Concen: 41.043 ng

RT: 10.801 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

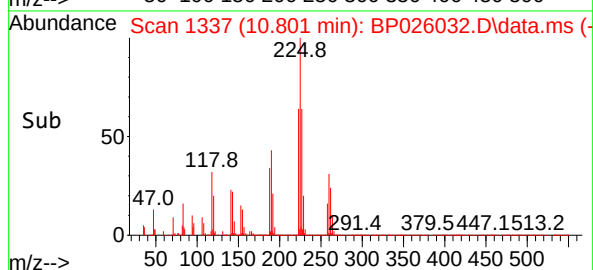
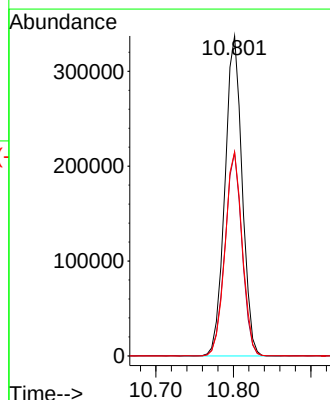
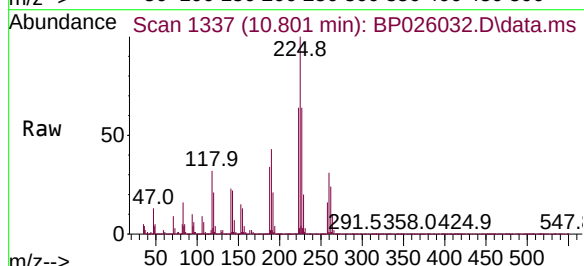
Tgt Ion:225 Resp: 520749

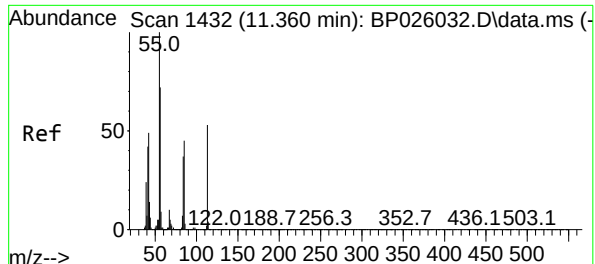
Ion	Ratio	Lower	Upper

225	100		

223	63.6	50.9	76.3

227	63.7	51.0	76.4





#35

Caprolactam

Concen: 42.147 ng

RT: 11.360 min Scan# 1432

Delta R.T. -0.023 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

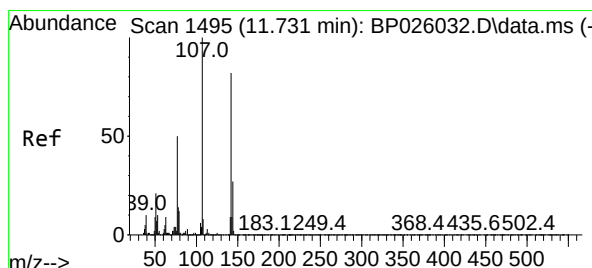
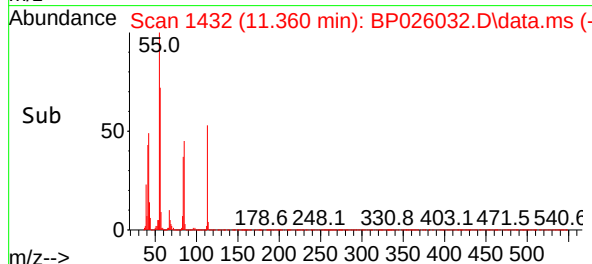
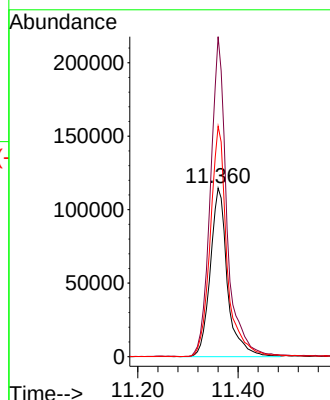
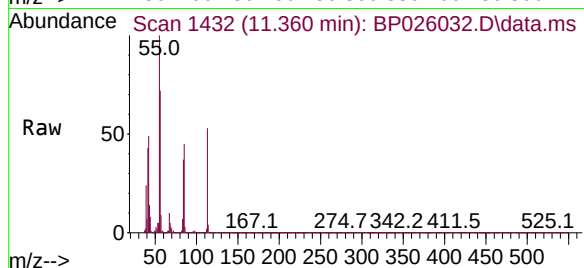
Tgt Ion:113 Resp: 271877

Ion Ratio Lower Upper

113 100

55 189.9 169.9 209.9

56 136.7 116.7 156.7



#36

4-Chloro-3-methylphenol

Concen: 43.198 ng

RT: 11.731 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

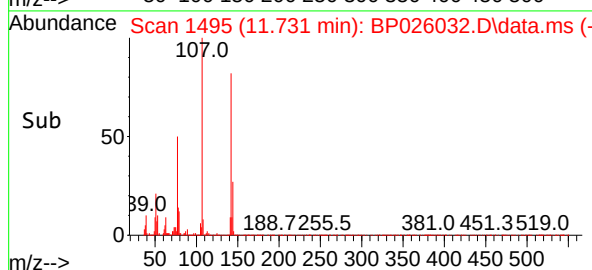
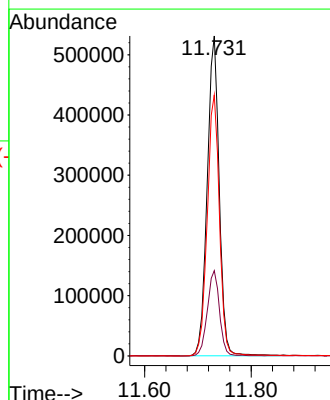
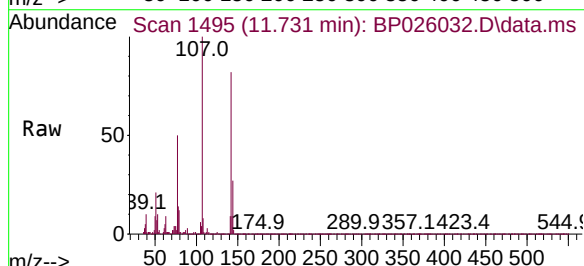
Tgt Ion:107 Resp: 831835

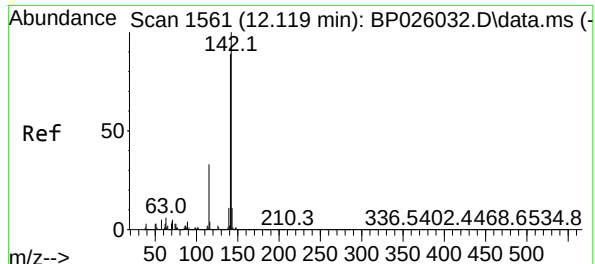
Ion Ratio Lower Upper

107 100

144 26.6 21.3 31.9

142 81.5 65.2 97.8





#37

2-Methylnaphthalene

Concen: 41.663 ng

RT: 12.119 min Scan# 1561

Delta R.T. 0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

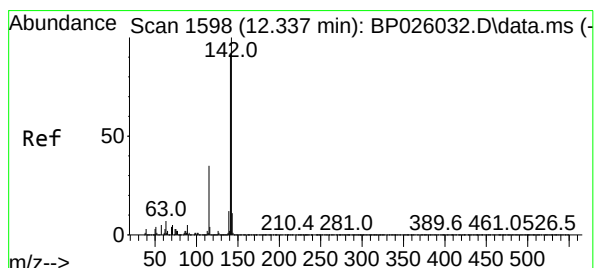
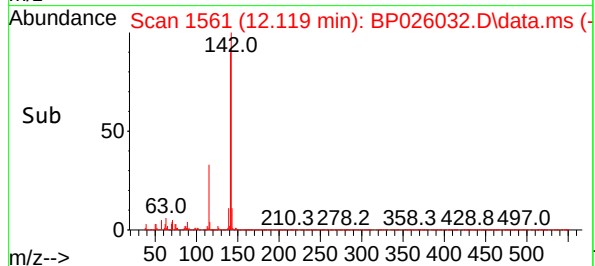
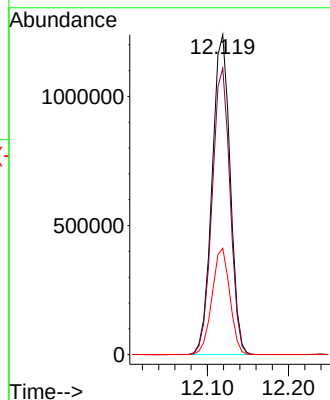
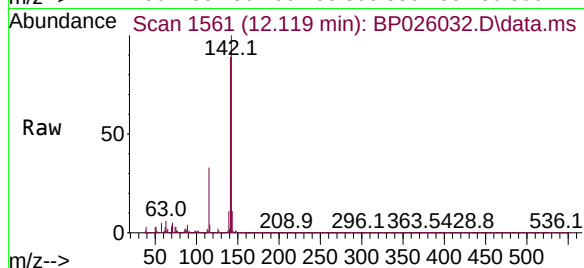
Tgt Ion:142 Resp: 1916037

Ion Ratio Lower Upper

142 100

141 89.5 71.6 107.4

115 33.2 26.6 39.8



#38

1-Methylnaphthalene

Concen: 41.416 ng

RT: 12.337 min Scan# 1598

Delta R.T. 0.001 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

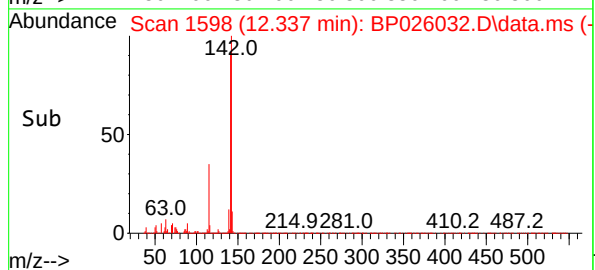
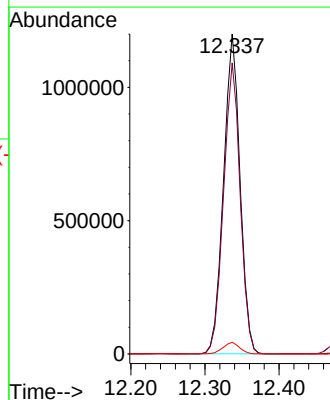
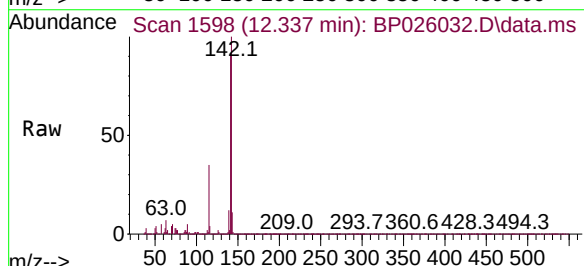
Tgt Ion:142 Resp: 1850373

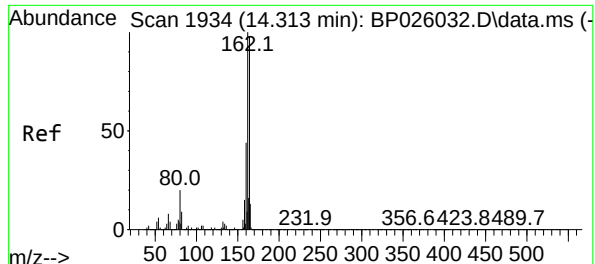
Ion Ratio Lower Upper

142 100

141 90.9 72.7 109.1

116 3.6 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

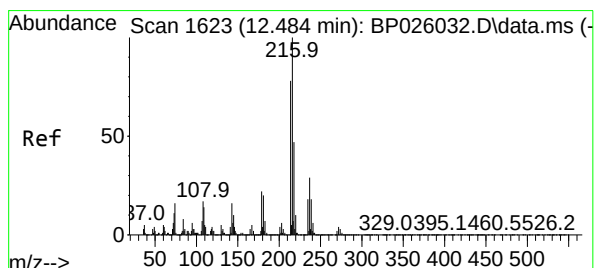
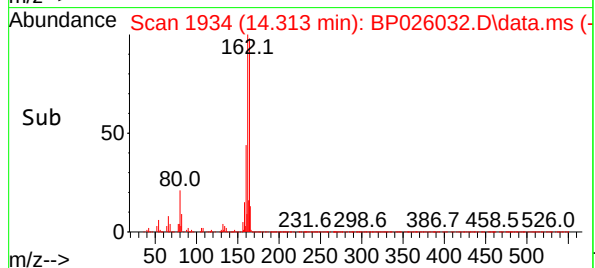
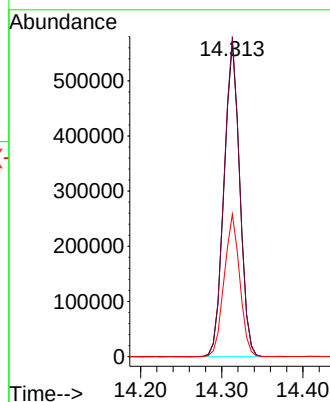
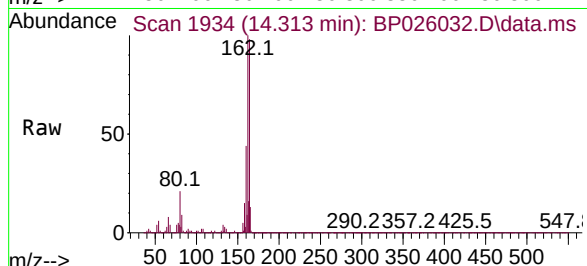
Tgt Ion:164 Resp: 764236

Ion Ratio Lower Upper

164 100

162 101.9 81.5 122.3

160 45.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.707 ng

RT: 12.484 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Tgt Ion:216 Resp: 966620

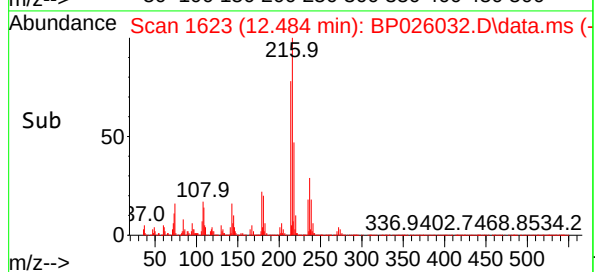
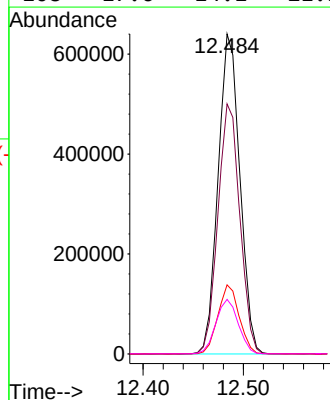
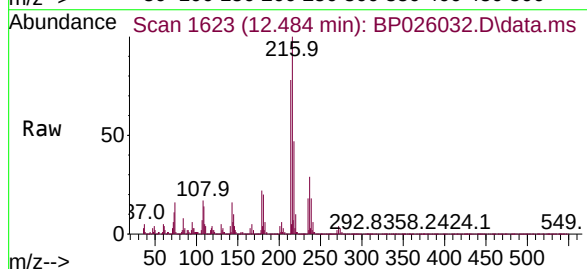
Ion Ratio Lower Upper

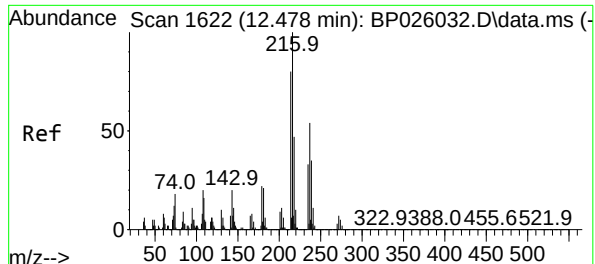
216 100

214 78.6 62.9 94.3

179 21.1 16.9 25.3

108 17.6 14.1 21.1

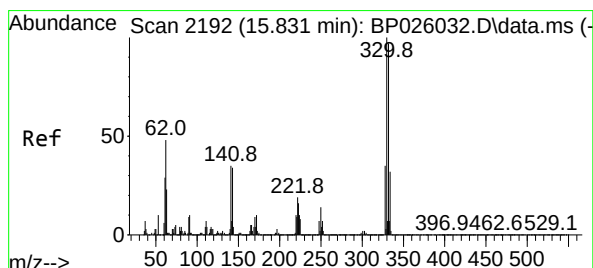
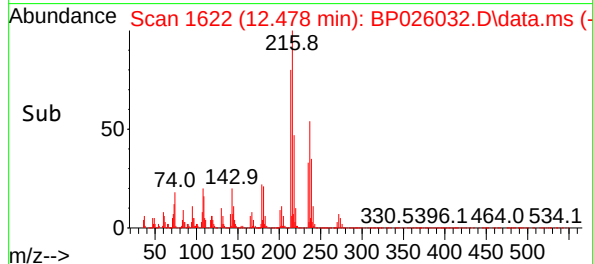
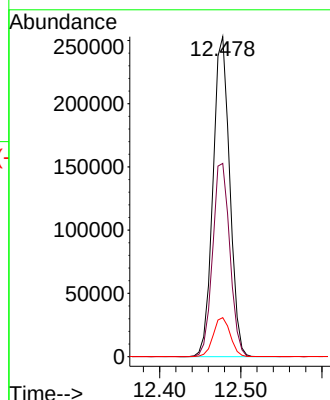
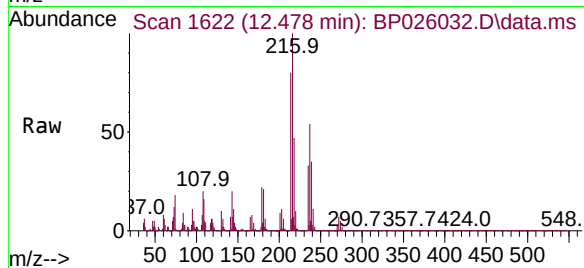




#41
Hexachlorocyclopentadiene
Concen: 41.615 ng
RT: 12.478 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

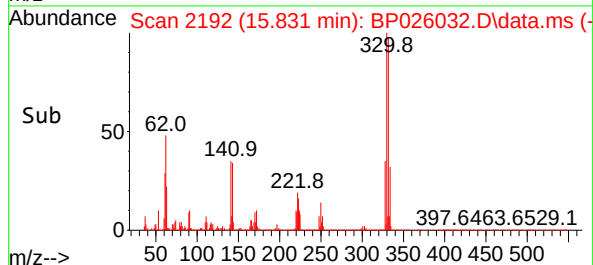
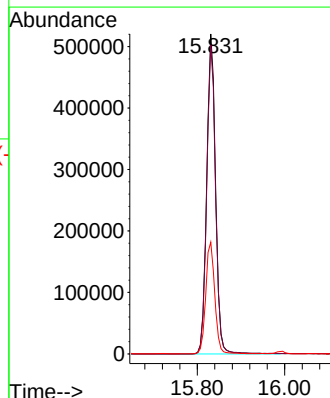
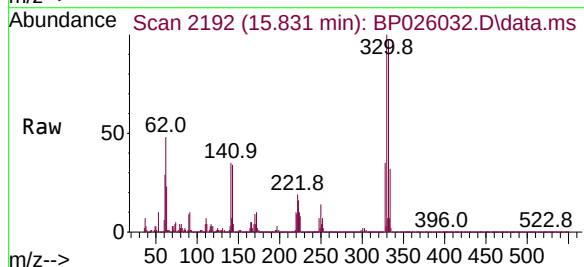
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

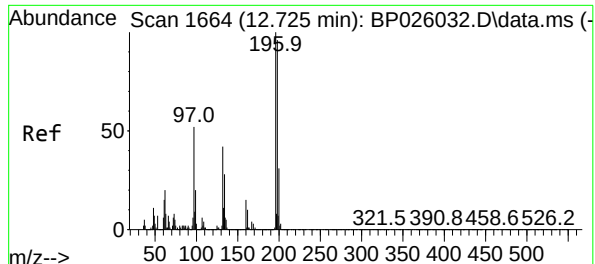
Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.4	40.4	80.4
272	12.2	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 87.488 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	35.7	28.6	42.8





#43

2,4,6-Trichlorophenol

Concen: 43.748 ng

RT: 12.725 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

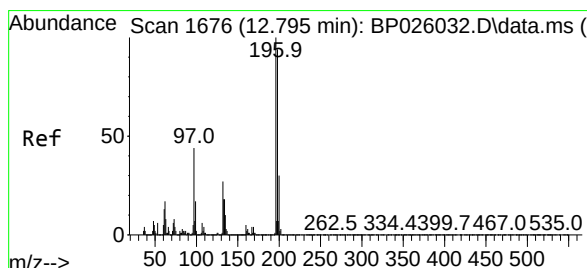
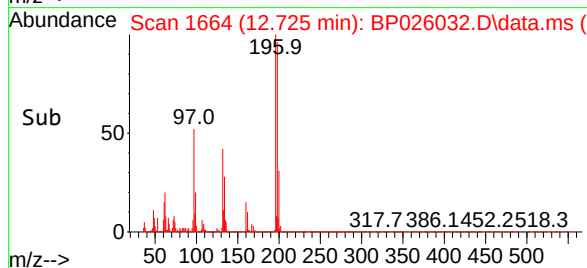
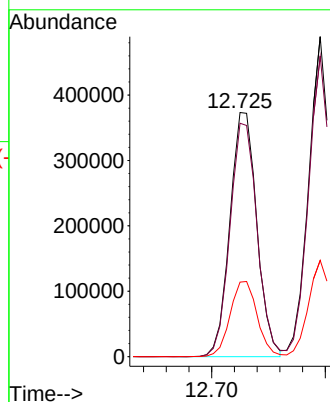
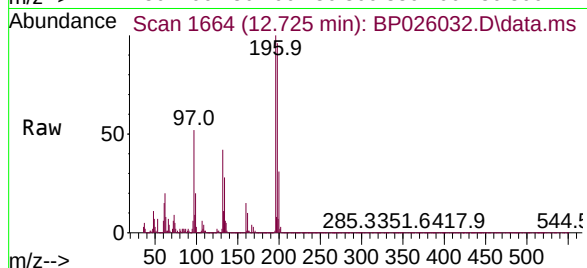
Tgt Ion:196 Resp: 614032

Ion Ratio Lower Upper

196 100

198 95.6 76.5 114.7

200 30.5 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 43.536 ng

RT: 12.795 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Tgt Ion:196 Resp: 697254

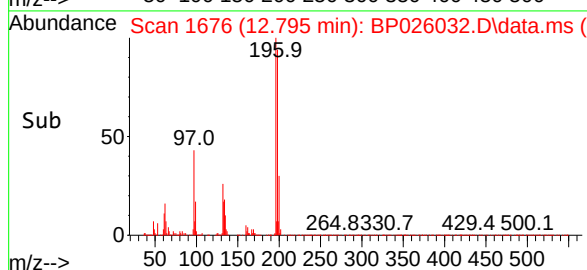
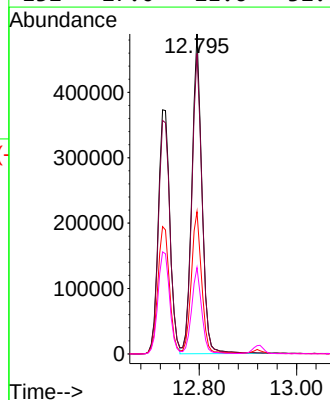
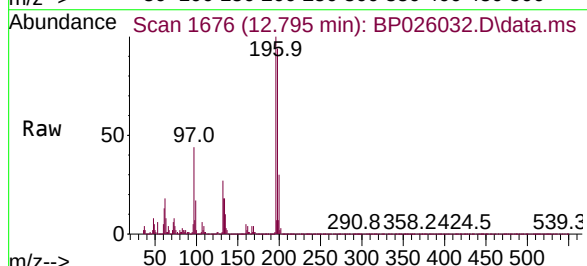
Ion Ratio Lower Upper

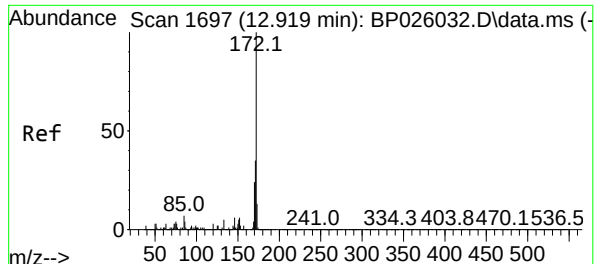
196 100

198 93.9 75.1 112.7

97 44.4 35.5 53.3

132 27.0 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 81.651 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

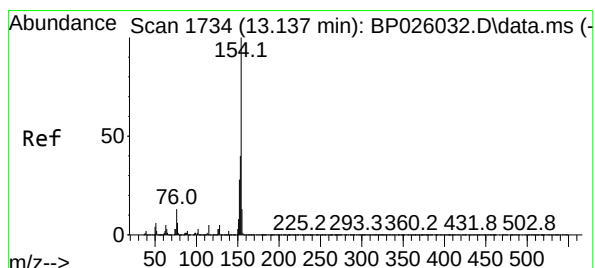
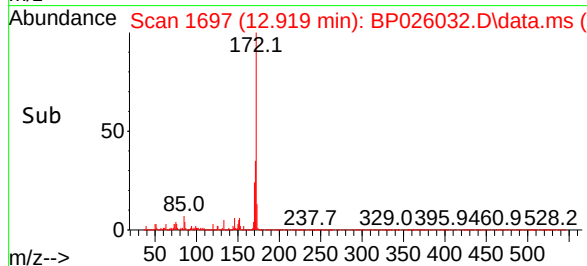
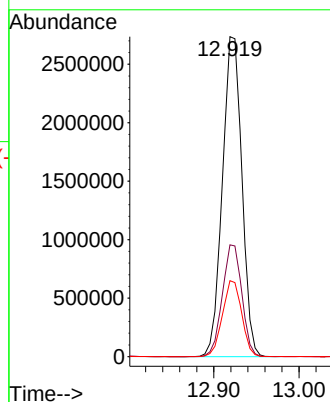
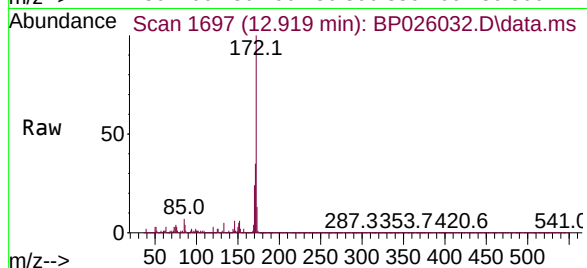
Tgt Ion:172 Resp: 4342634

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.756 ng

RT: 13.137 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

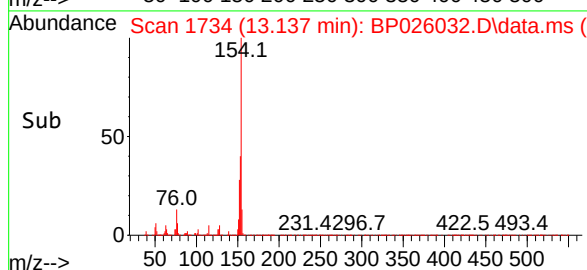
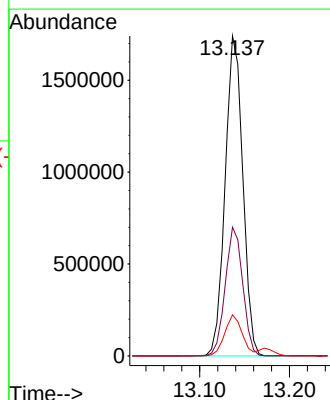
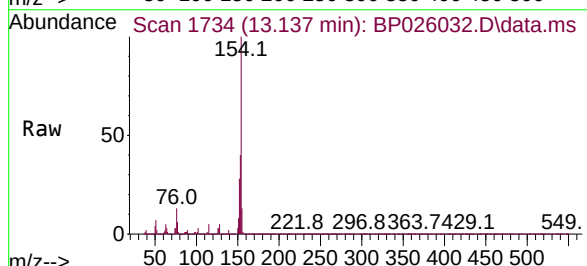
Tgt Ion:154 Resp: 2384975

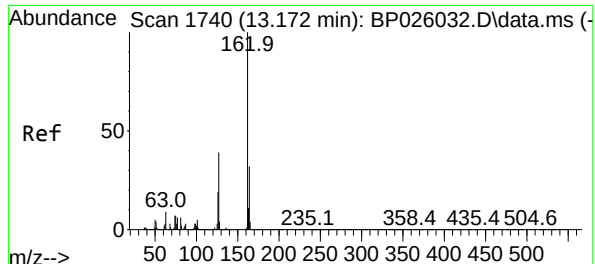
Ion Ratio Lower Upper

154 100

153 40.2 20.2 60.2

76 12.8 0.0 32.8





#47

2-Chloronaphthalene

Concen: 40.808 ng

RT: 13.172 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

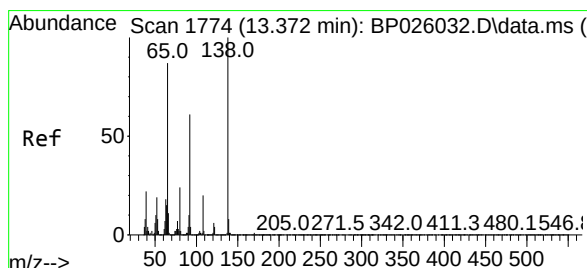
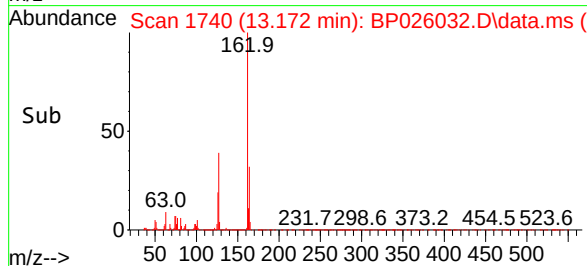
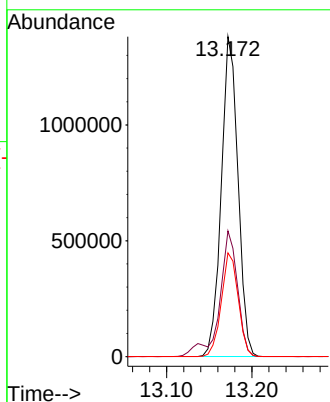
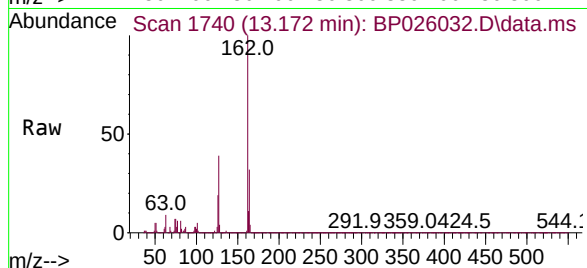
Tgt Ion:162 Resp: 1878852

Ion Ratio Lower Upper

162 100

127 39.3 31.4 47.2

164 32.4 25.9 38.9



#48

2-Nitroaniline

Concen: 40.401 ng

RT: 13.372 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

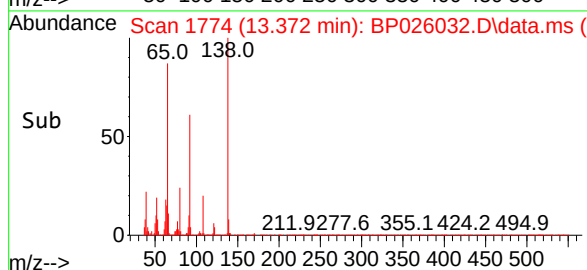
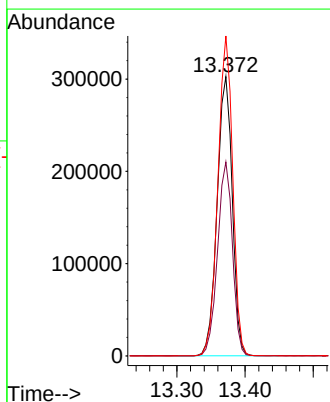
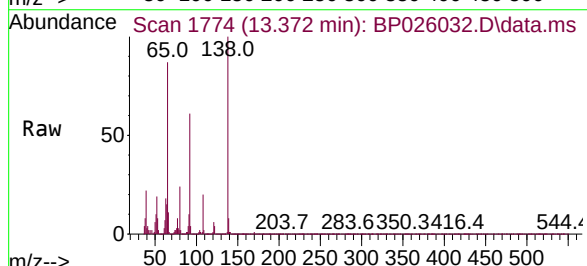
Tgt Ion: 65 Resp: 464490

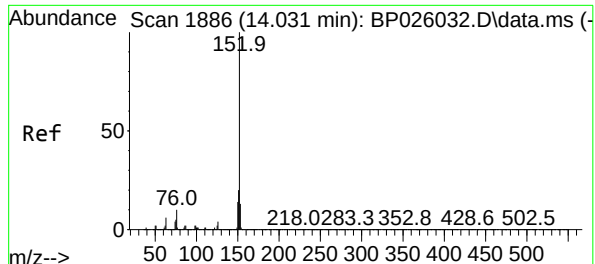
Ion Ratio Lower Upper

65 100

92 69.4 55.5 83.3

138 114.6 91.7 137.5





#49

Acenaphthylene

Concen: 41.727 ng

RT: 14.031 min Scan# 1886

Delta R.T. -0.005 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

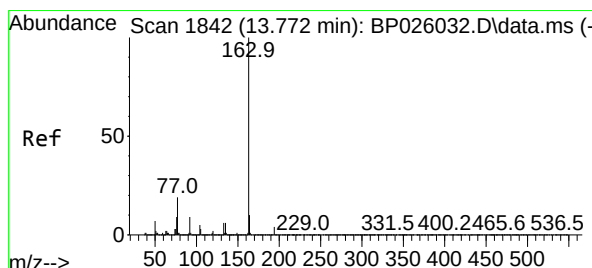
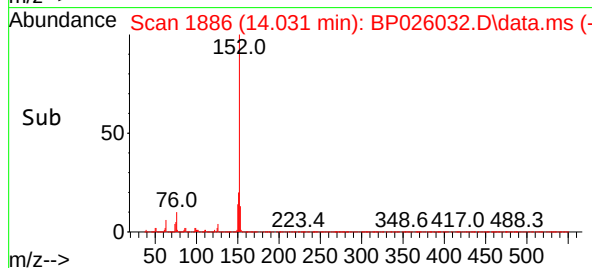
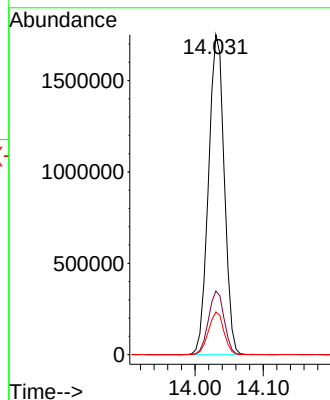
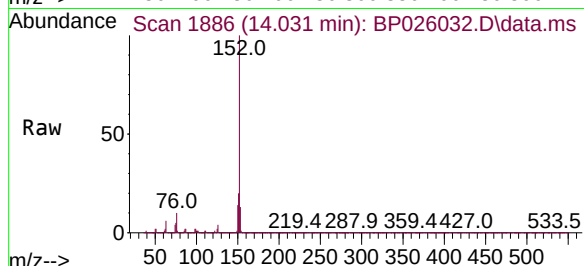
Tgt Ion:152 Resp: 2800152

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 41.854 ng

RT: 13.772 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

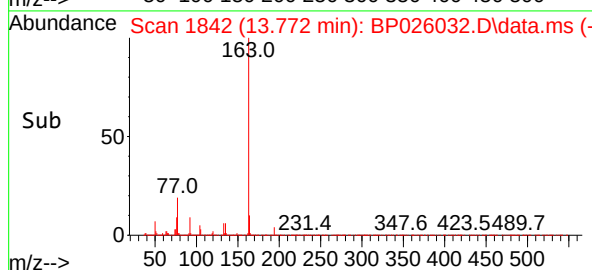
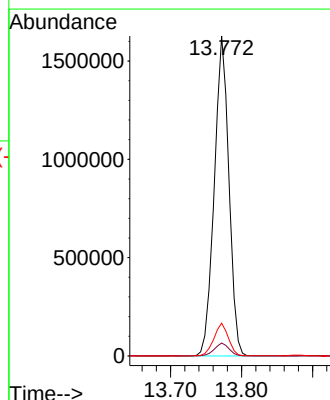
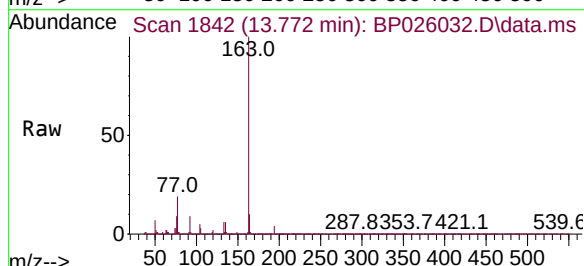
Tgt Ion:163 Resp: 2326622

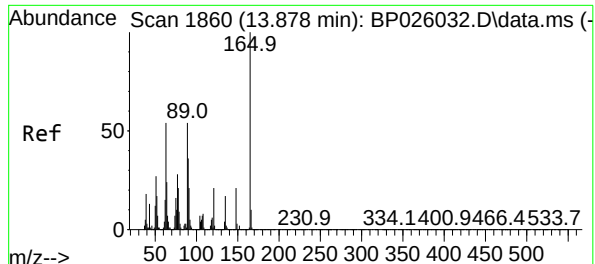
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.2 8.2 12.2

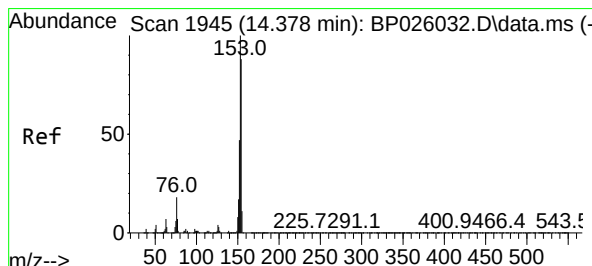
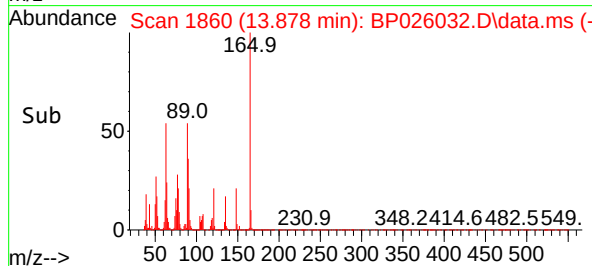
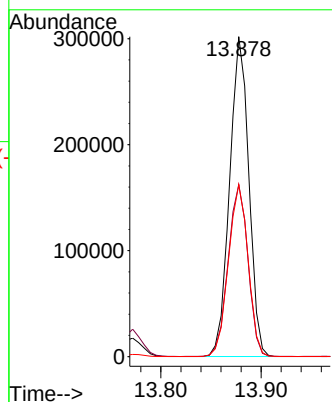
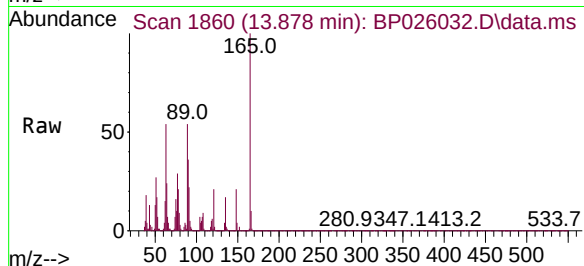




#51
2,6-Dinitrotoluene
Concen: 39.911 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

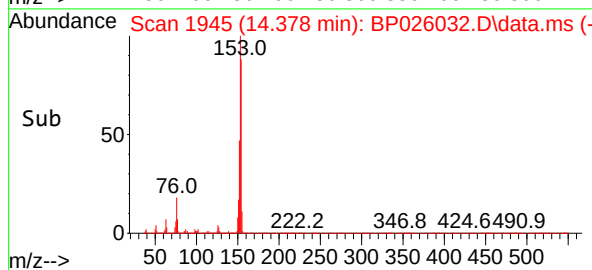
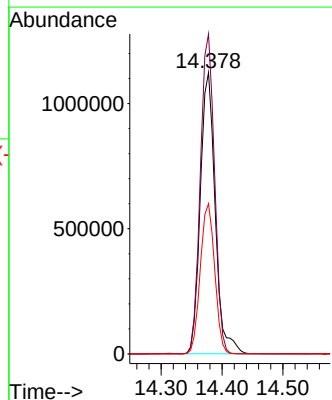
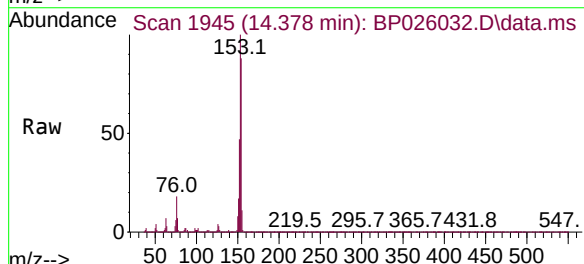
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

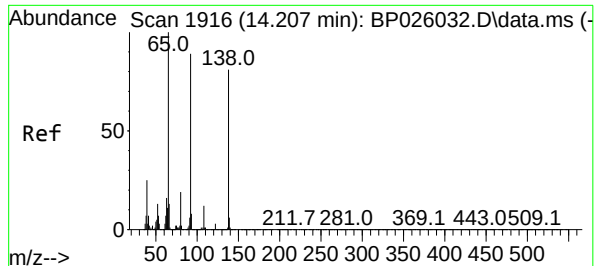
Tgt Ion:165 Resp: 402854
Ion Ratio Lower Upper
165 100
63 53.7 43.0 64.4
89 53.7 43.0 64.4



#52
Acenaphthene
Concen: 41.440 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:154 Resp: 1909071
Ion Ratio Lower Upper
154 100
153 113.7 91.0 136.4
152 53.4 42.7 64.1

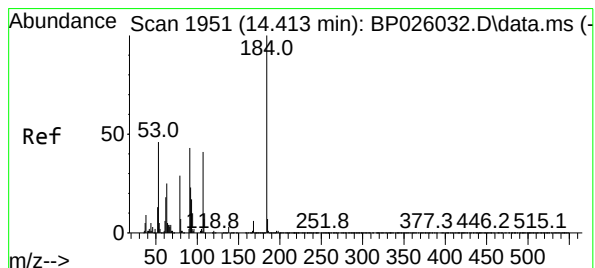
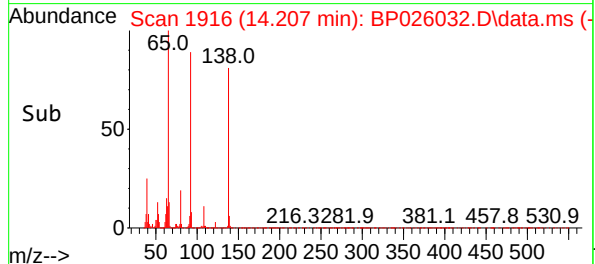
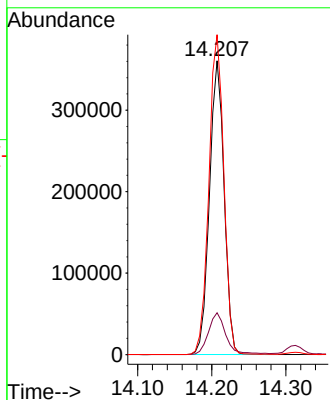
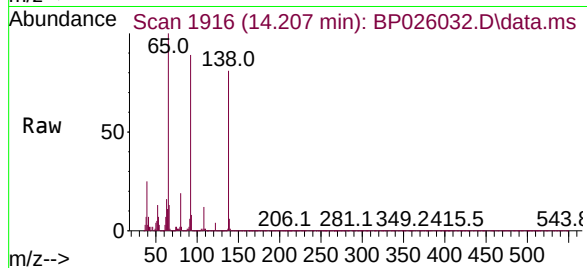




#53
3-Nitroaniline
Concen: 40.022 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

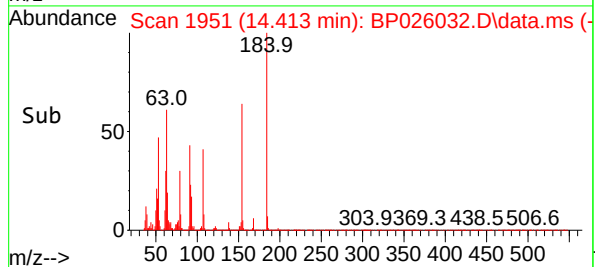
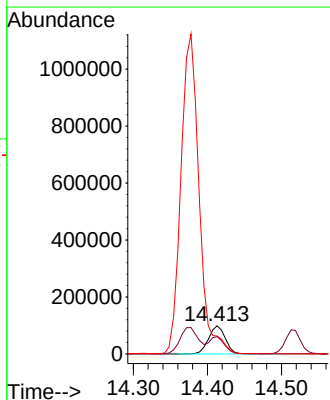
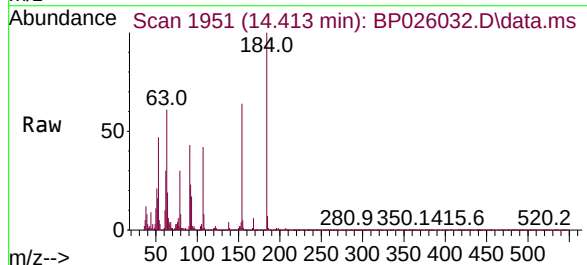
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

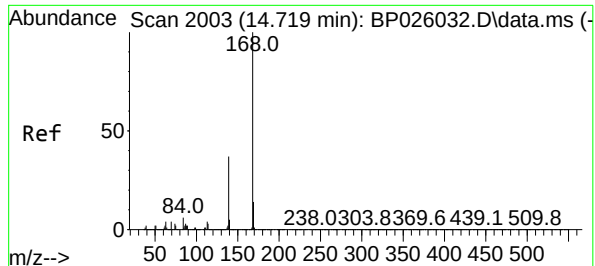
Tgt Ion:138 Resp: 495409
Ion Ratio Lower Upper
138 100
108 14.2 11.4 17.0
92 108.9 87.1 130.7



#54
2,4-Dinitrophenol
Concen: 40.475 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:184 Resp: 153212
Ion Ratio Lower Upper
184 100
63 61.2 49.0 73.4
154 63.8 51.0 76.6





#55

Dibenzofuran

Concen: 41.043 ng

RT: 14.719 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

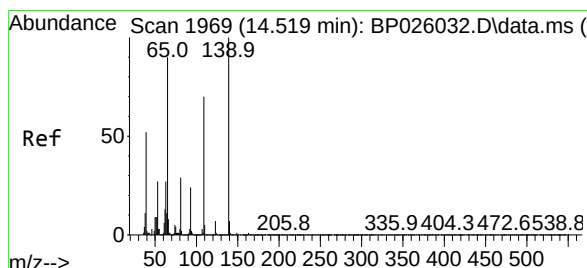
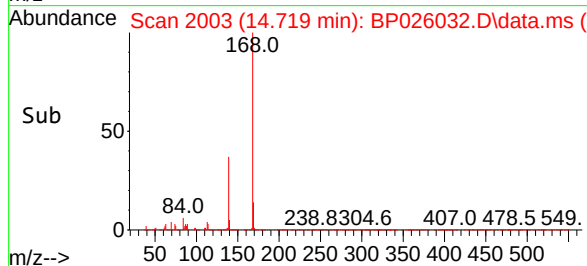
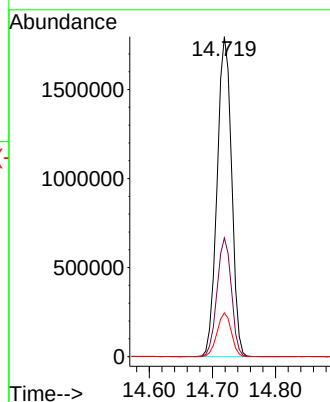
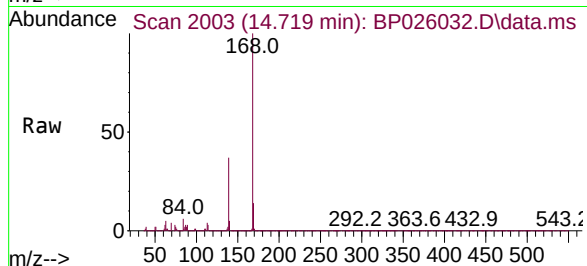
Tgt Ion:168 Resp: 2856737

Ion Ratio Lower Upper

168 100

139 37.1 29.7 44.5

169 13.7 11.0 16.4



#56

4-Nitrophenol

Concen: 39.340 ng

RT: 14.519 min Scan# 1969

Delta R.T. -0.000 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

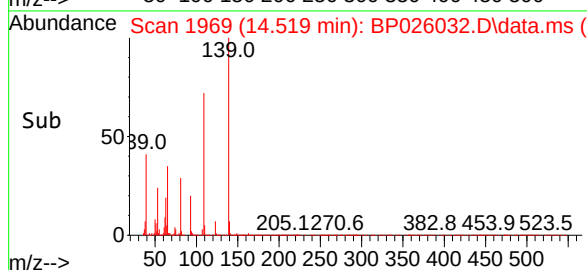
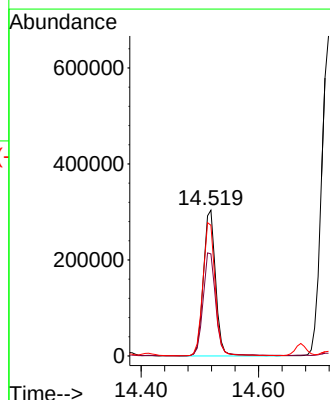
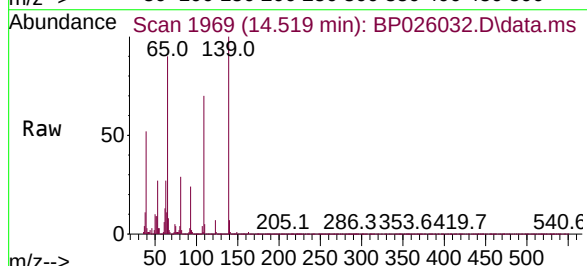
Tgt Ion:139 Resp: 436072

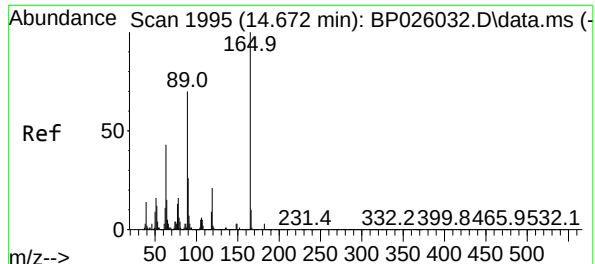
Ion Ratio Lower Upper

139 100

109 70.0 50.0 90.0

65 89.6 69.6 109.6

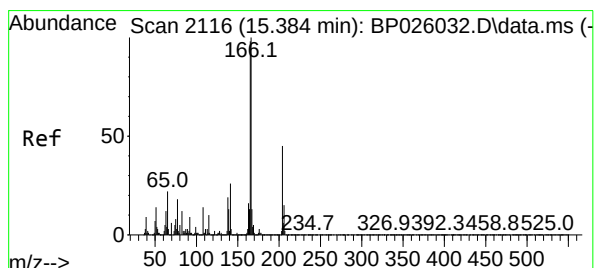
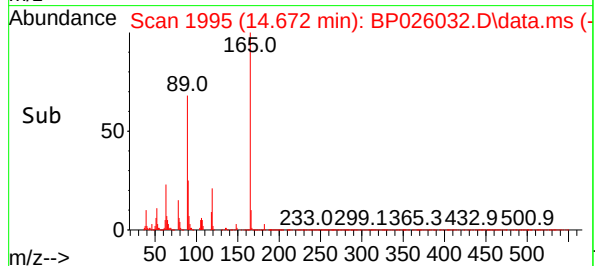
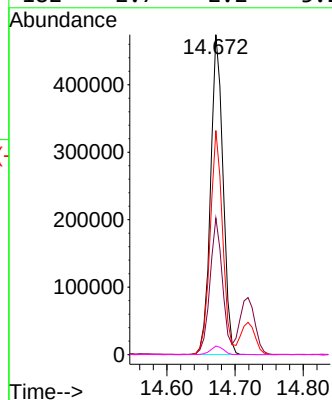
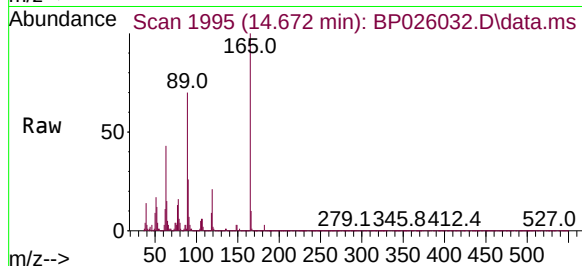




#57
2,4-Dinitrotoluene
Concen: 40.877 ng
RT: 14.672 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

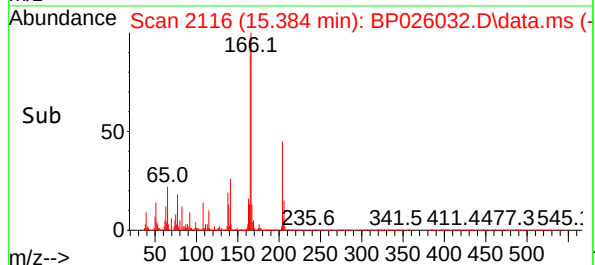
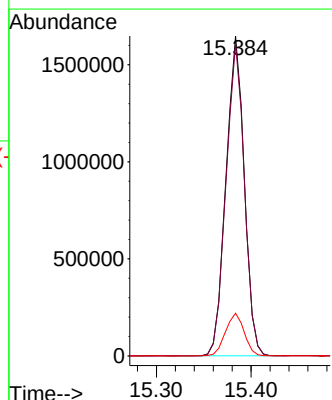
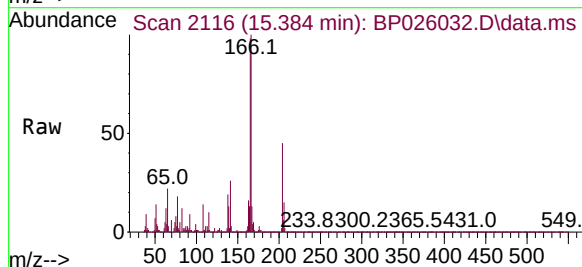
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

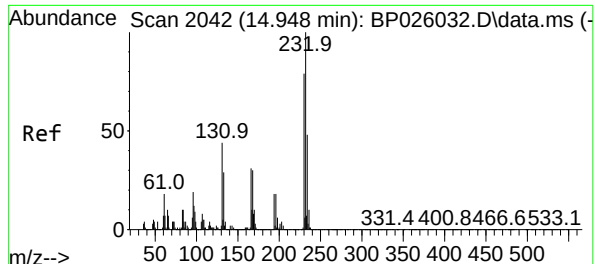
Tgt Ion:165 Resp: 600497
Ion Ratio Lower Upper
165 100
63 42.7 34.2 51.2
89 70.0 56.0 84.0
182 2.7 2.2 3.2



#58
Fluorene
Concen: 40.643 ng
RT: 15.384 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:166 Resp: 2216283
Ion Ratio Lower Upper
166 100
165 97.6 78.1 117.1
167 13.3 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.213 ng

RT: 14.948 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 556750

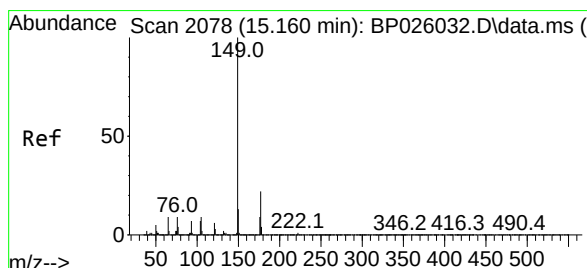
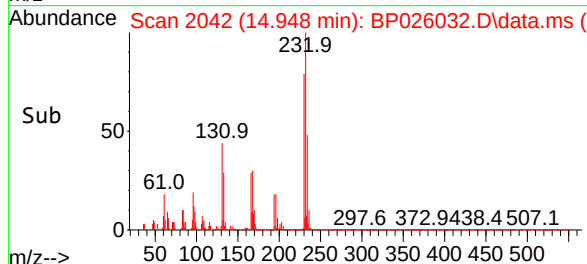
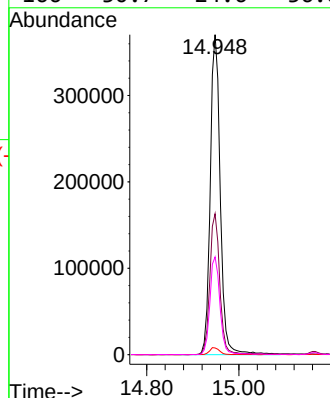
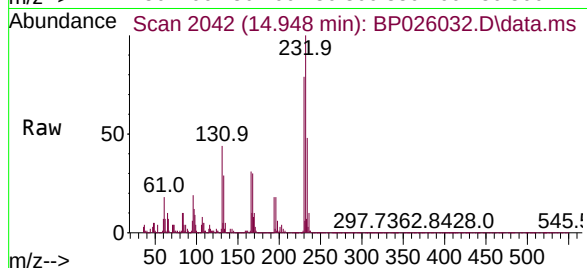
Ion Ratio Lower Upper

232 100

131 44.0 35.2 52.8

130 2.1 1.7 2.5

166 30.7 24.6 36.8



#60

Diethylphthalate

Concen: 42.357 ng

RT: 15.160 min Scan# 2078

Delta R.T. -0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

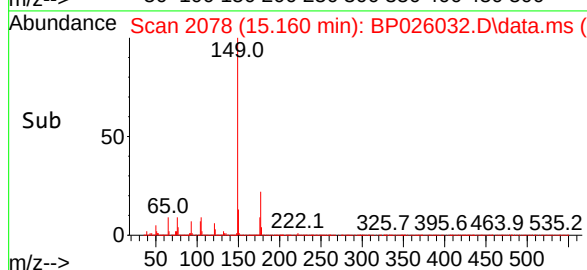
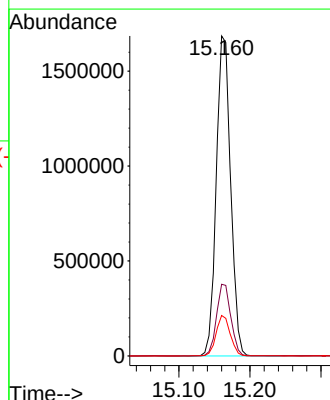
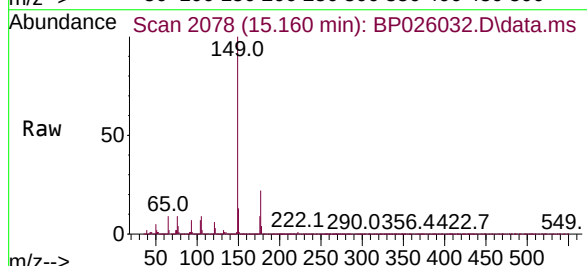
Tgt Ion:149 Resp: 2367180

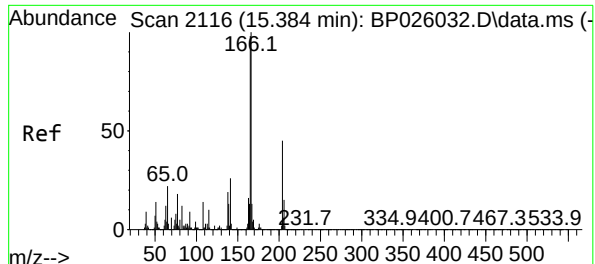
Ion Ratio Lower Upper

149 100

177 22.4 17.9 26.9

150 12.6 10.1 15.1

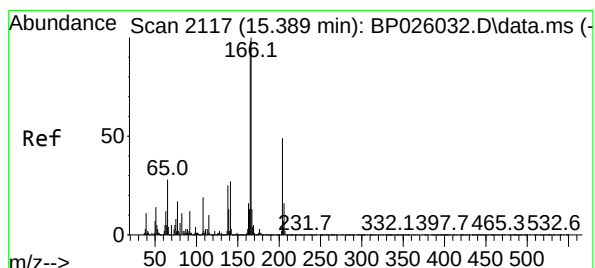
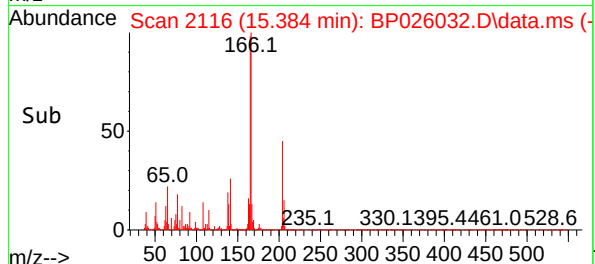
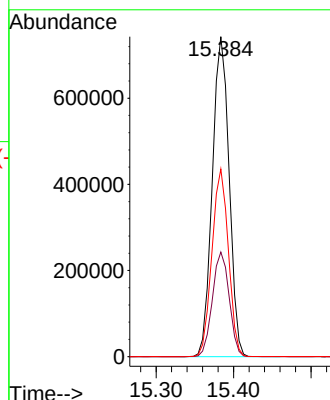
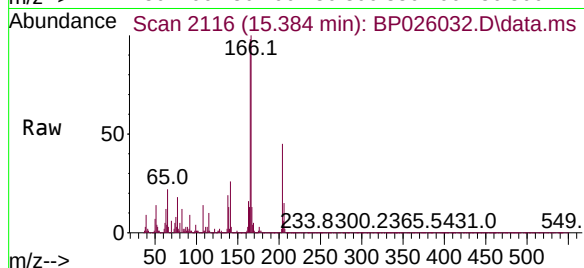




#61
4-Chlorophenyl-phenylether
Concen: 41.008 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

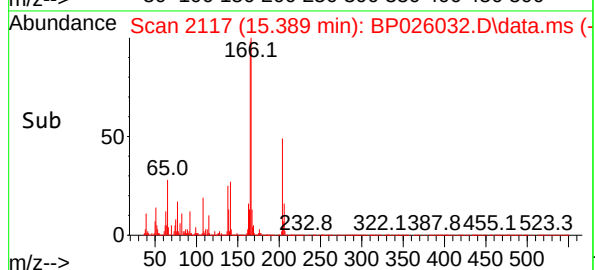
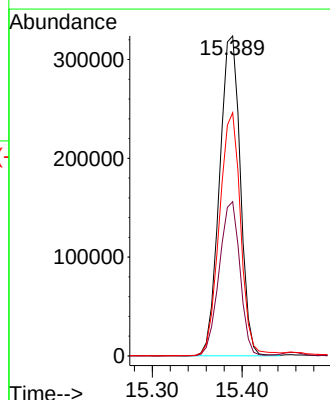
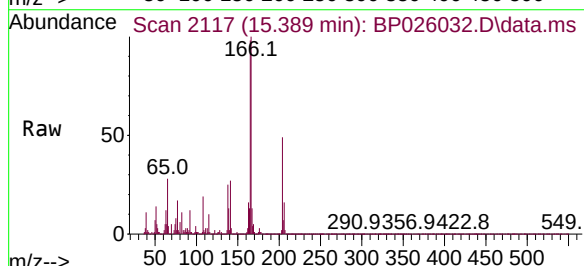
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

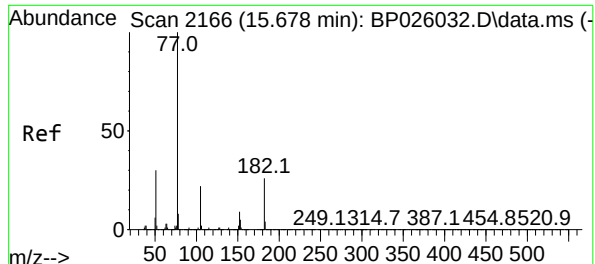
Tgt Ion:204 Resp: 1116700
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 58.7 47.0 70.4



#62
4-Nitroaniline
Concen: 44.005 ng
RT: 15.389 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:138 Resp: 522724
Ion Ratio Lower Upper
138 100
92 48.2 28.2 68.2
108 76.0 56.0 96.0



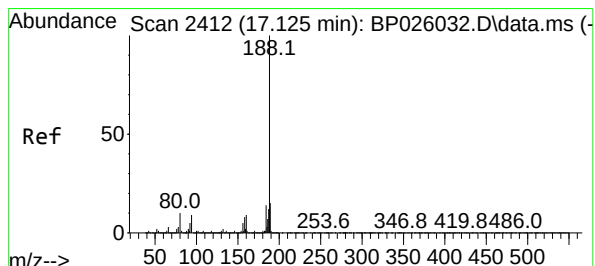
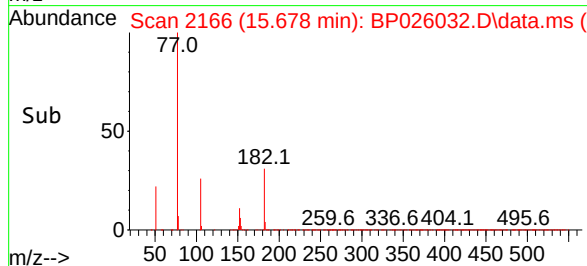
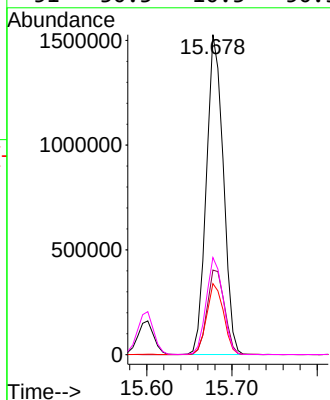
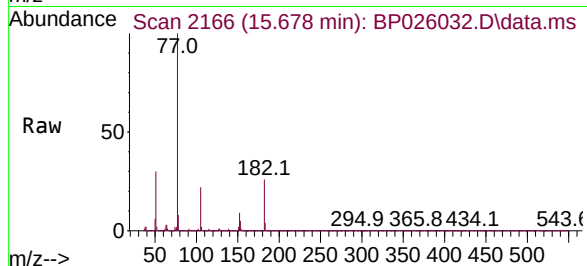


#63
Azobenzene
Concen: 41.601 ng
RT: 15.678 min Scan# 2166
Delta R.T. -0.011 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 2107059

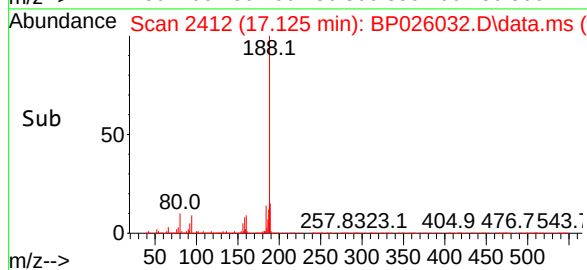
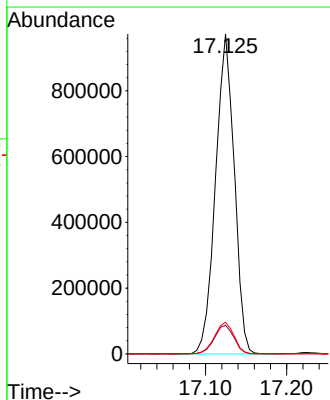
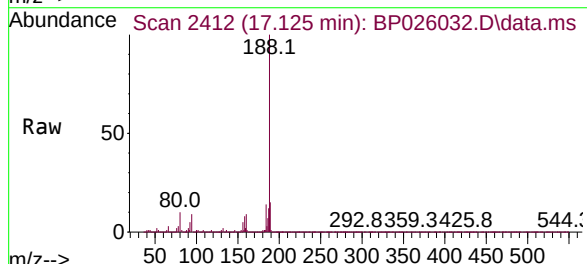
Ion	Ratio	Lower	Upper
77	100		
182	26.4	6.4	46.4
105	22.2	2.2	42.2
51	30.3	10.3	50.3

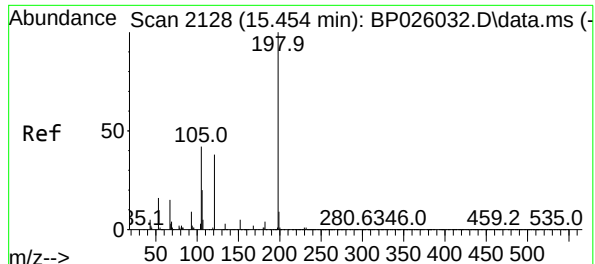


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion: 188 Resp: 1555861

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	9.9	7.9	11.9

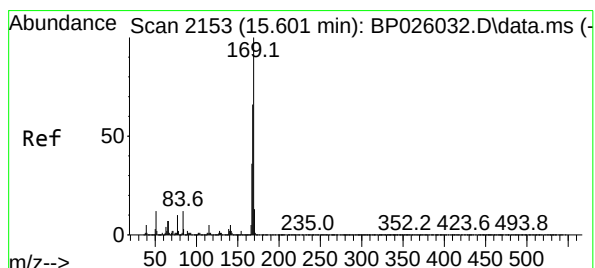
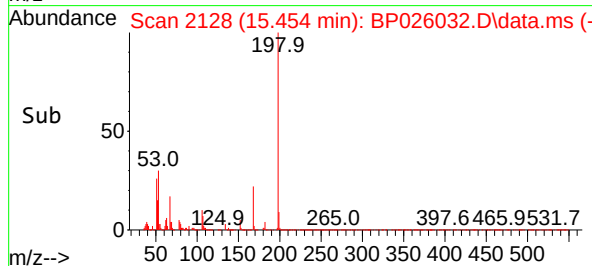
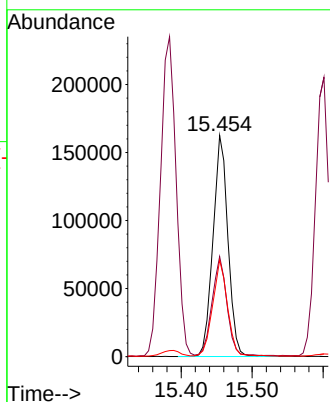
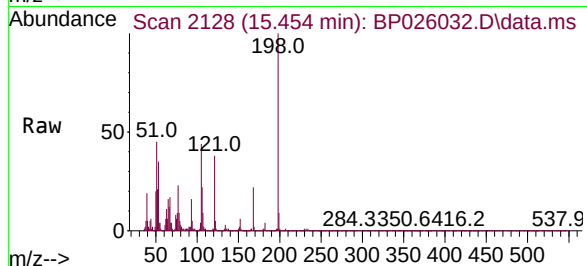




#65
4,6-Dinitro-2-methylphenol
Concen: 39.981 ng
RT: 15.454 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

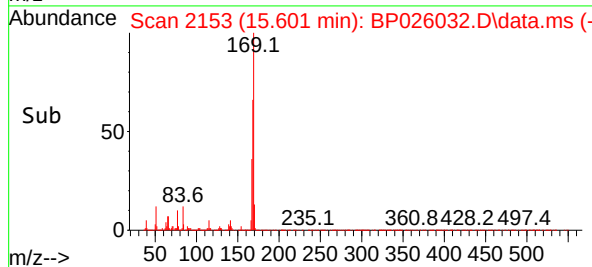
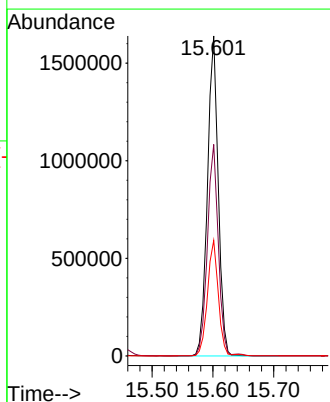
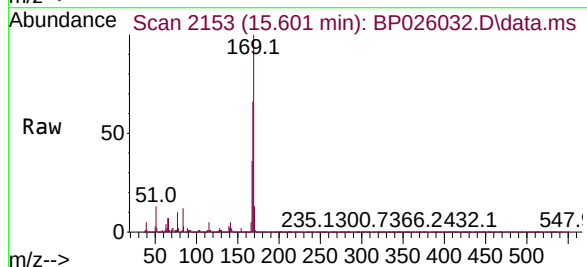
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

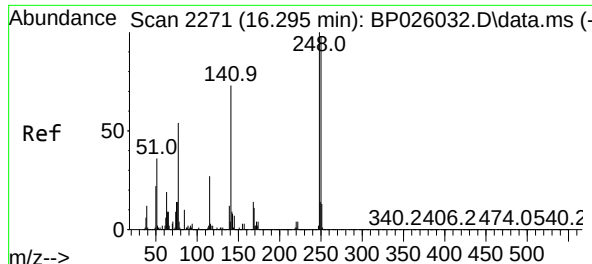
Tgt Ion:198 Resp: 237899
Ion Ratio Lower Upper
198 100
51 45.2 25.2 65.2
105 43.7 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 41.369 ng
RT: 15.601 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:169 Resp: 2012448
Ion Ratio Lower Upper
169 100
168 66.1 52.9 79.3
167 36.1 28.9 43.3

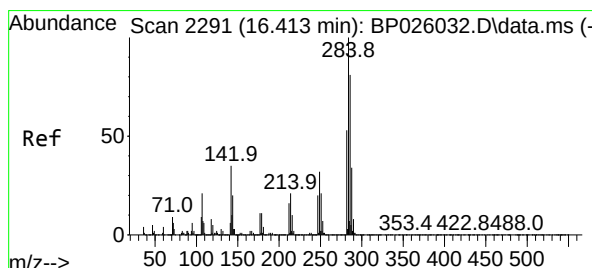
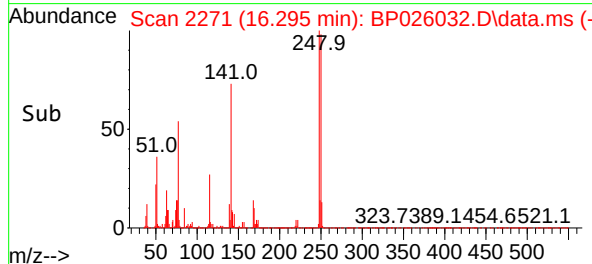
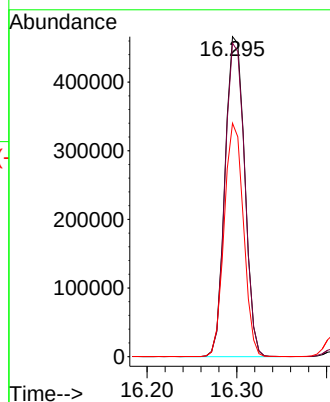
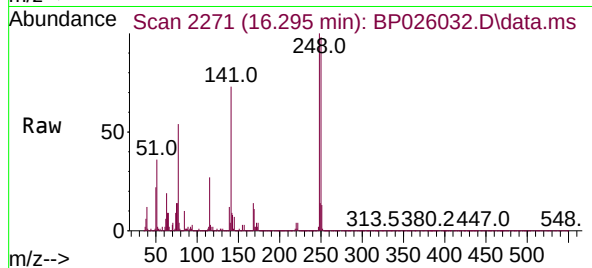




#67
4-Bromophenyl-phenylether
Concen: 41.150 ng
RT: 16.295 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

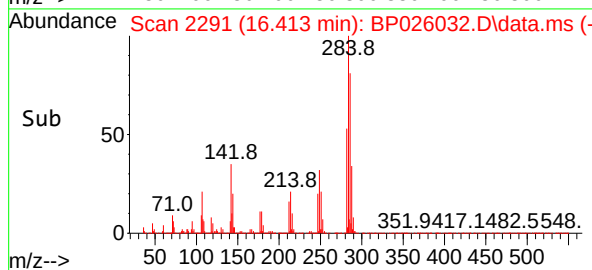
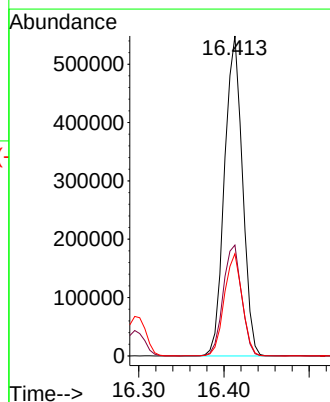
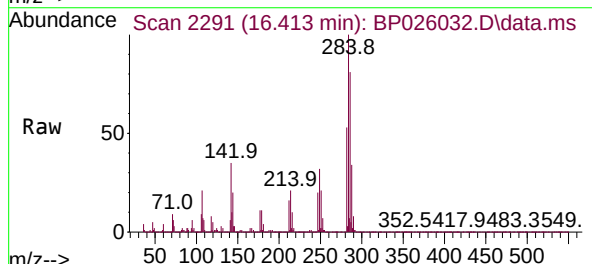
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

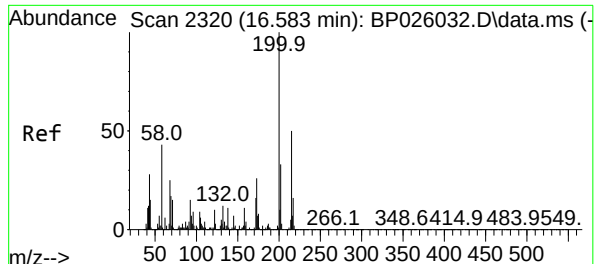
Tgt Ion:248 Resp: 710184
Ion Ratio Lower Upper
248 100
250 98.0 78.4 117.6
141 72.9 58.3 87.5



#68
Hexachlorobenzene
Concen: 40.808 ng
RT: 16.413 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:284 Resp: 801740
Ion Ratio Lower Upper
284 100
142 34.6 27.7 41.5
249 31.9 25.5 38.3

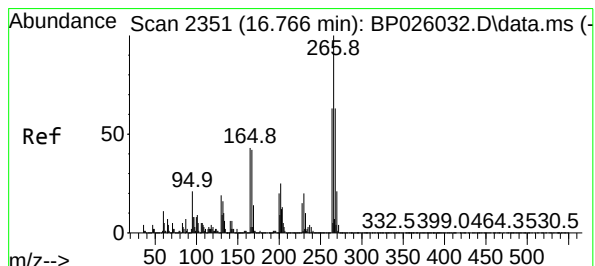
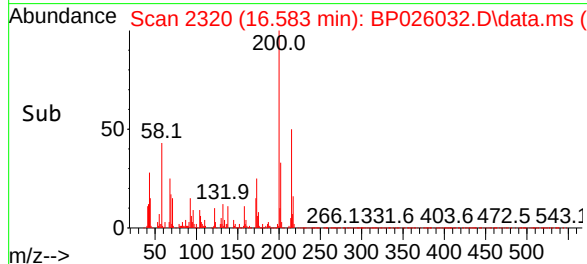
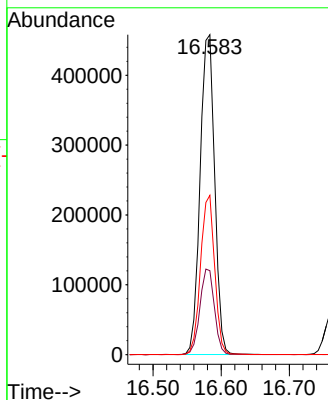
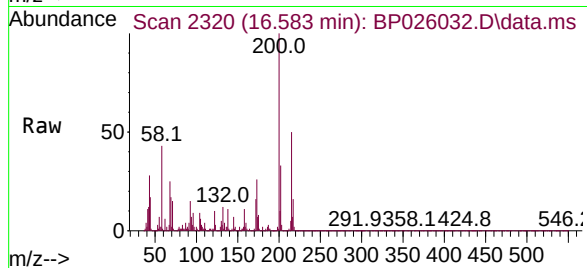




#69
Atrazine
Concen: 41.518 ng
RT: 16.583 min Scan# 2320
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

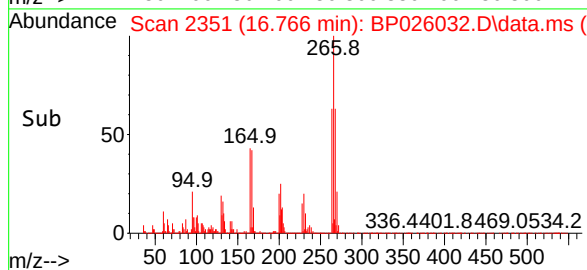
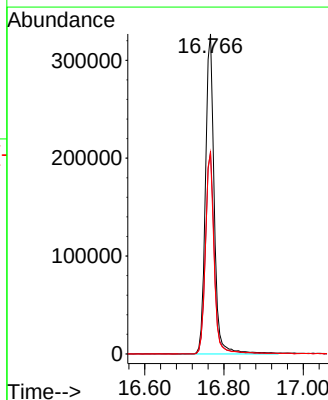
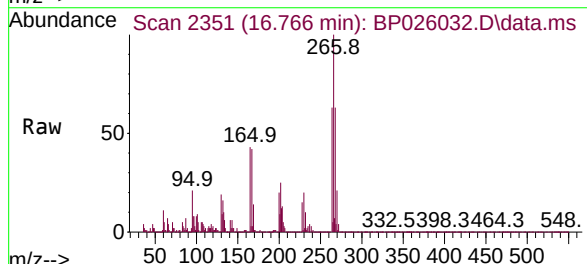
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

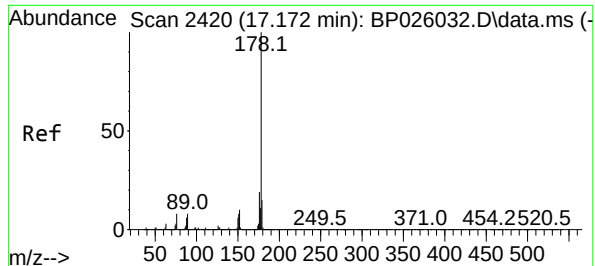
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.2	46.2
215	49.8	29.8	69.8



#70
Pentachlorophenol
Concen: 41.647 ng
RT: 16.766 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.6	76.0
264	62.8	50.2	75.4

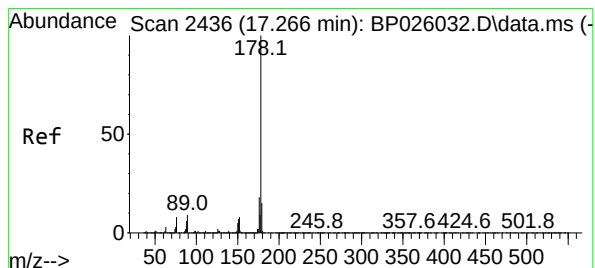
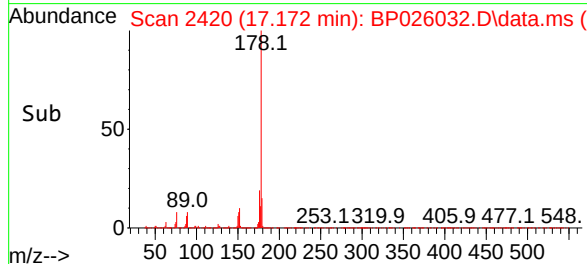
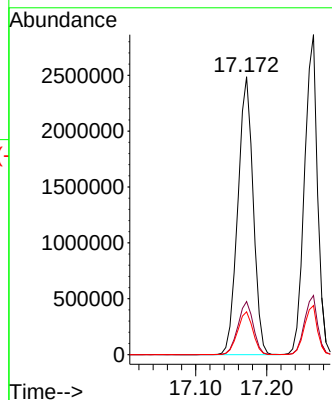
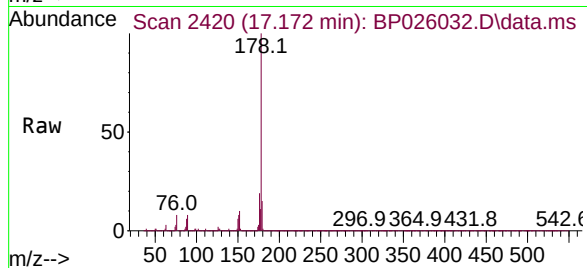




#71
Phenanthrene
Concen: 40.848 ng
RT: 17.172 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

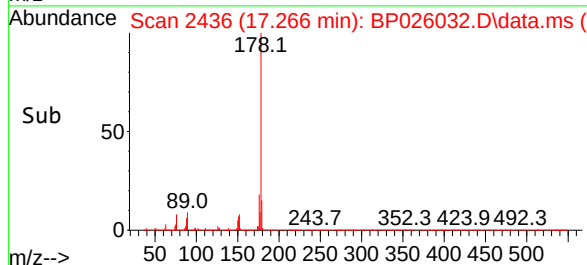
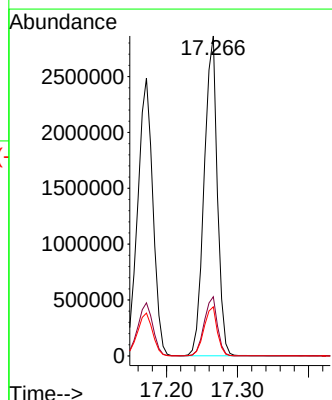
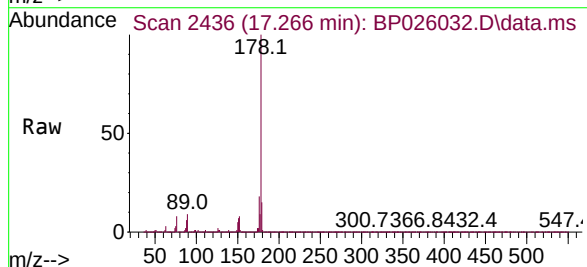
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

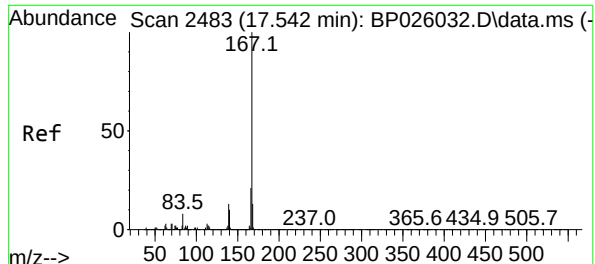
Tgt Ion:178 Resp: 3699137
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.3 18.5



#72
Anthracene
Concen: 40.790 ng
RT: 17.266 min Scan# 2436
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:178 Resp: 3661573
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.3 12.2 18.4

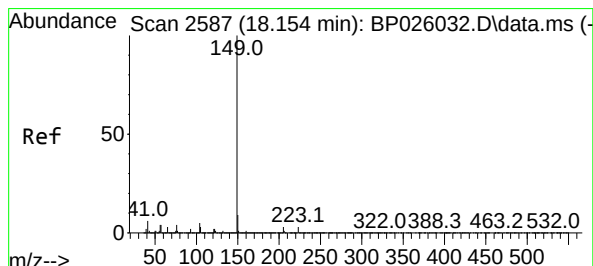
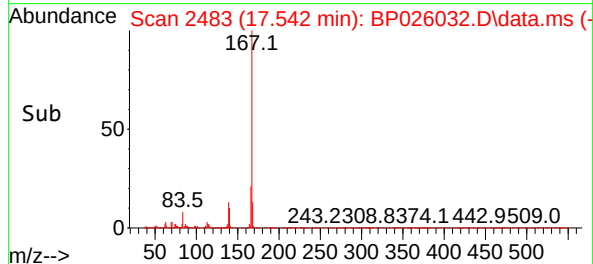
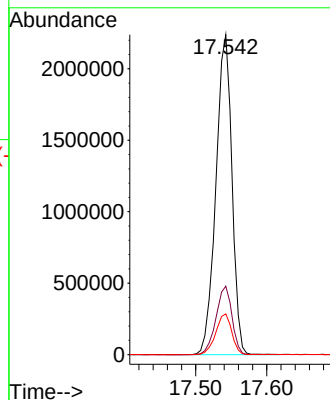
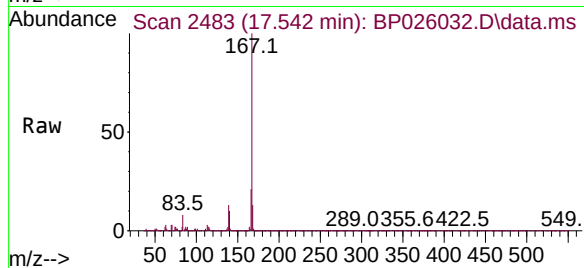




#73
Carbazole
Concen: 41.351 ng
RT: 17.542 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

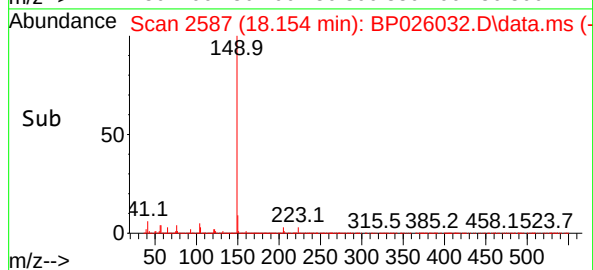
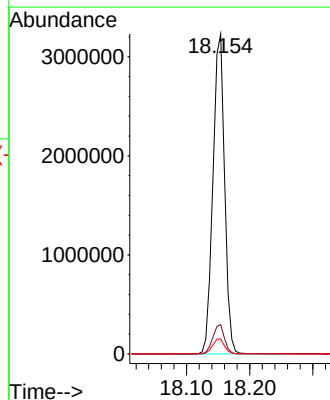
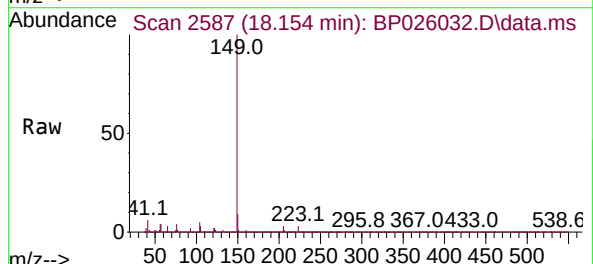
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

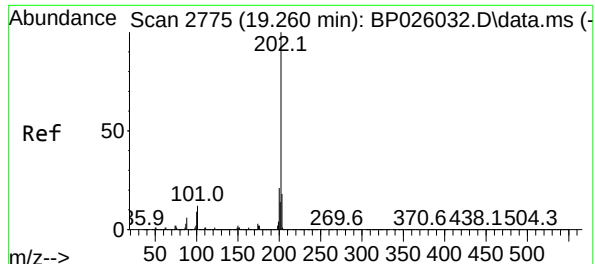
Tgt Ion:167 Resp: 3513761
Ion Ratio Lower Upper
167 100
166 21.4 17.1 25.7
139 12.7 10.2 15.2



#74
Di-n-butylphthalate
Concen: 43.610 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:149 Resp: 4146570
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.7 3.8 5.6

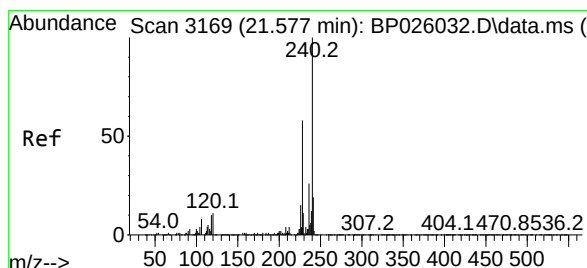
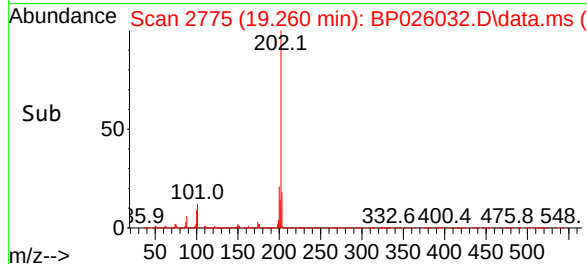
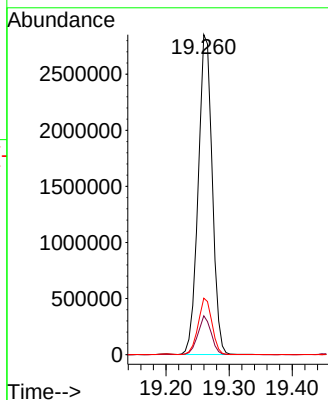
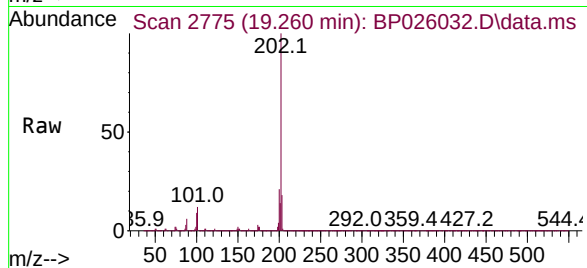




#75
Fluoranthene
Concen: 41.552 ng
RT: 19.260 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

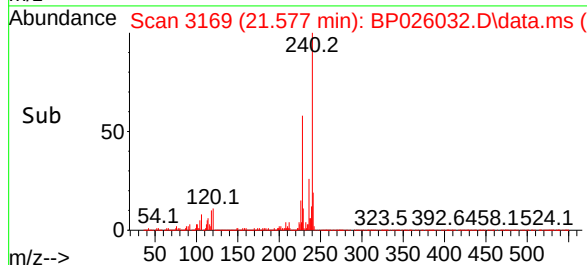
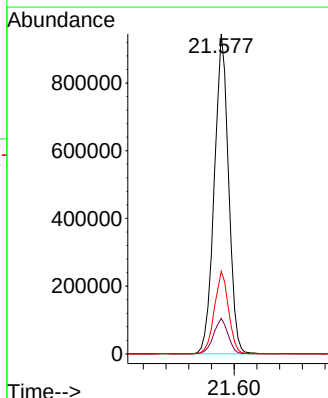
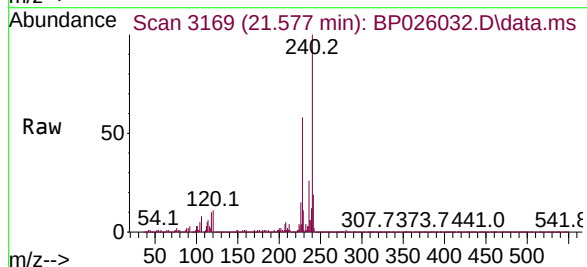
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

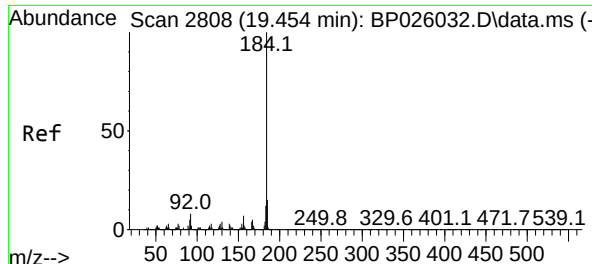
Tgt Ion:202 Resp: 4389430
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.1
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:240 Resp: 1646604
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.8 20.6 31.0

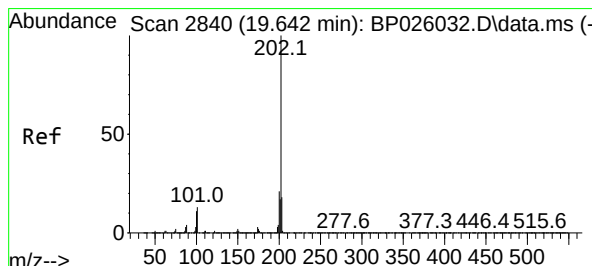
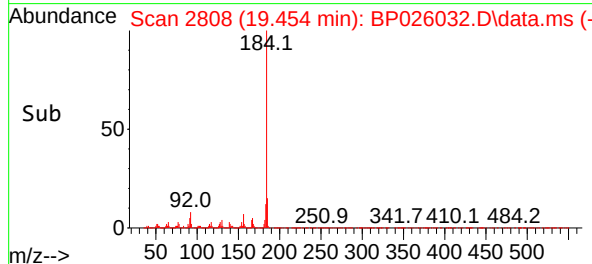
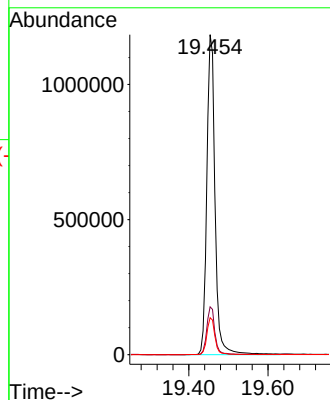
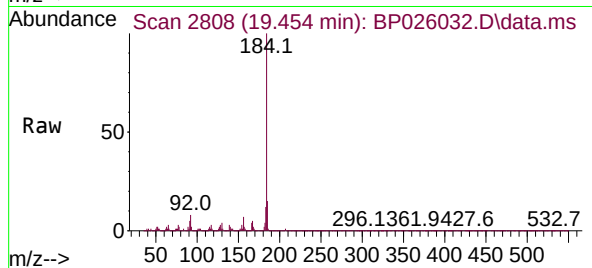




#77
Benzidine
Concen: 40.744 ng
RT: 19.454 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

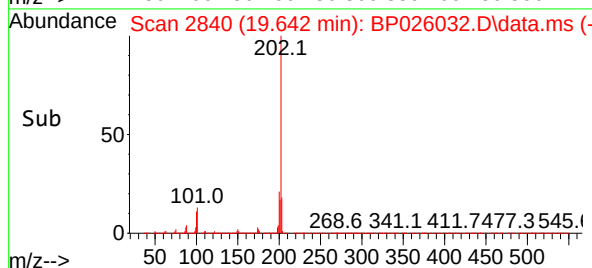
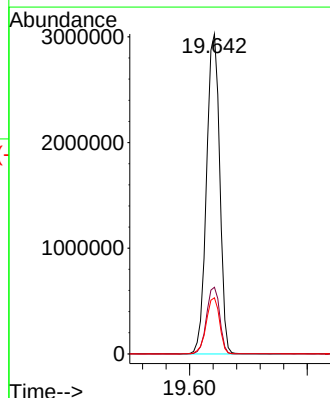
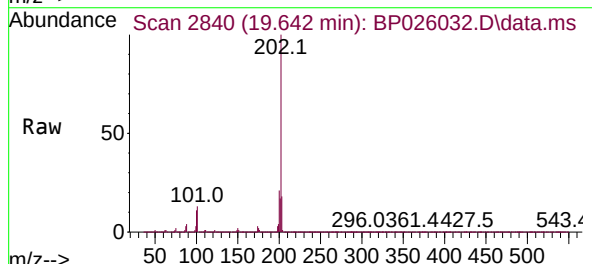
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

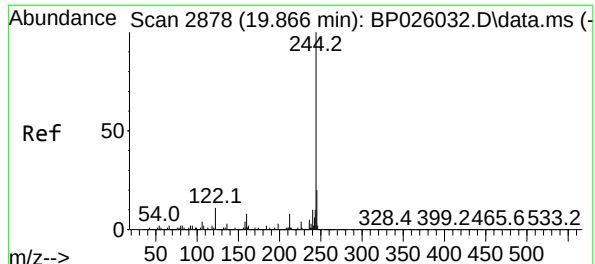
Tgt Ion:184 Resp: 1702883
Ion Ratio Lower Upper
184 100
185 14.9 11.9 17.9
183 11.5 9.2 13.8



#78
Pyrene
Concen: 42.194 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:202 Resp: 4699012
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 17.5 14.0 21.0

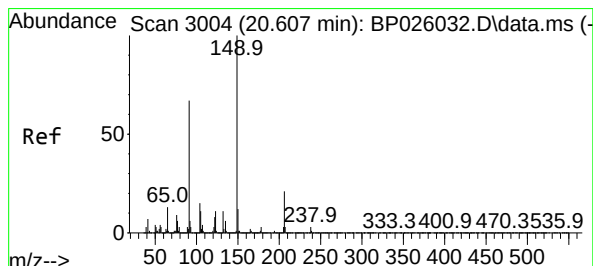
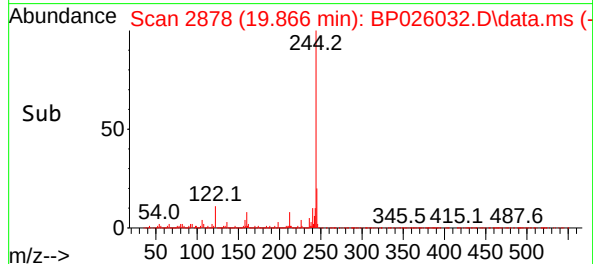
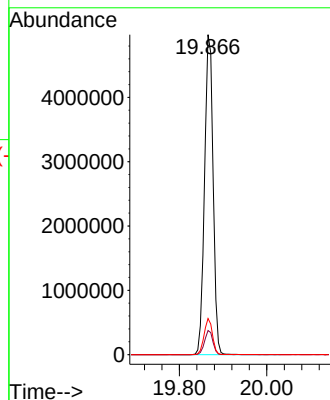
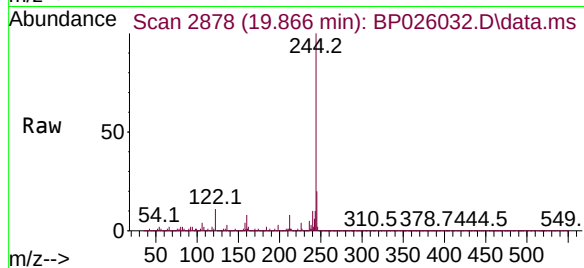




#79
Terphenyl-d14
Concen: 82.377 ng
RT: 19.866 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

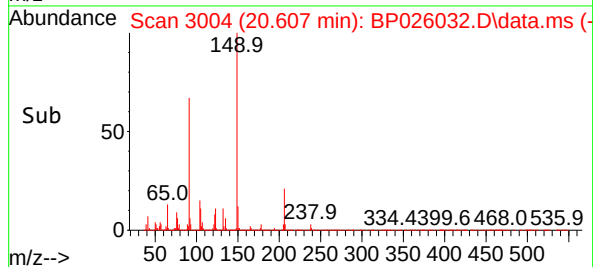
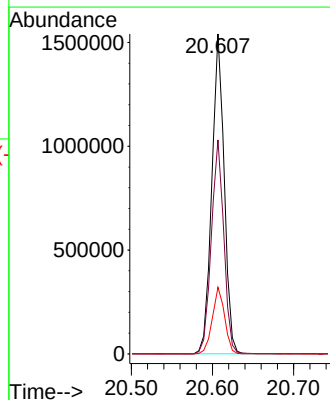
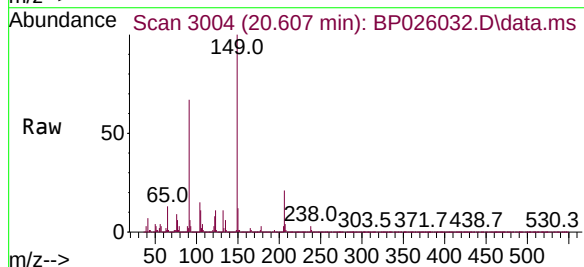
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

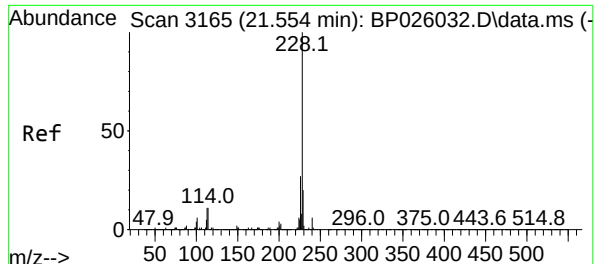
Tgt Ion:244 Resp: 6676375
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 11.3 9.0 13.6



#80
Butylbenzylphthalate
Concen: 39.905 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:149 Resp: 1633601
Ion Ratio Lower Upper
149 100
91 66.9 53.5 80.3
206 20.8 16.6 25.0

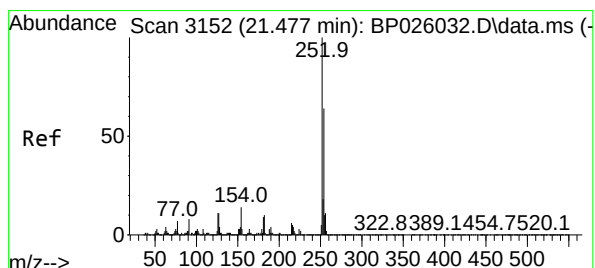
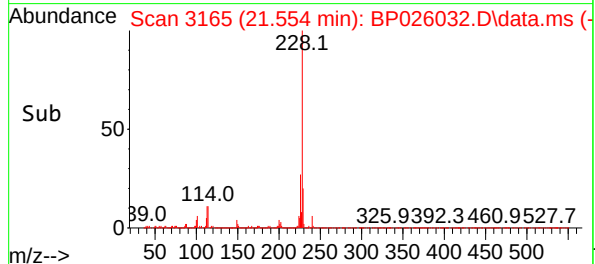
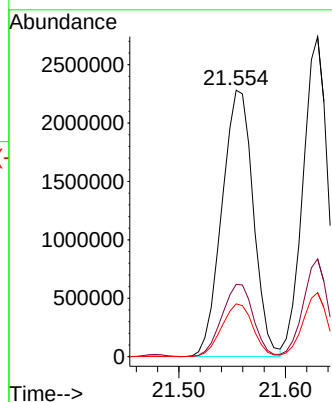
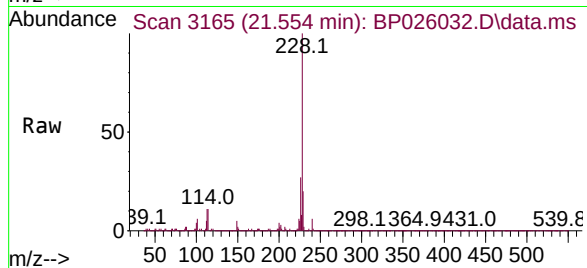




#81
Benzo(a)anthracene
Concen: 41.317 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

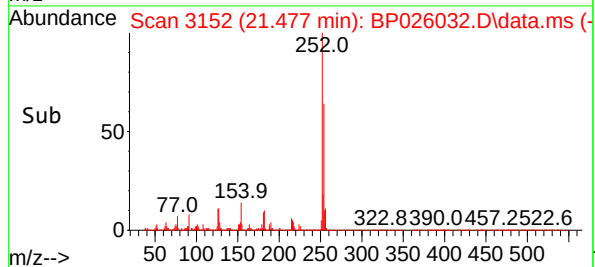
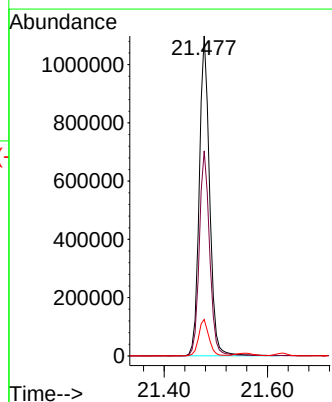
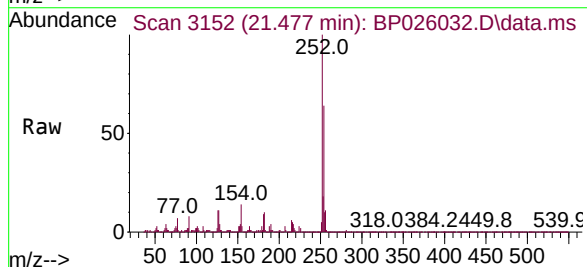
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

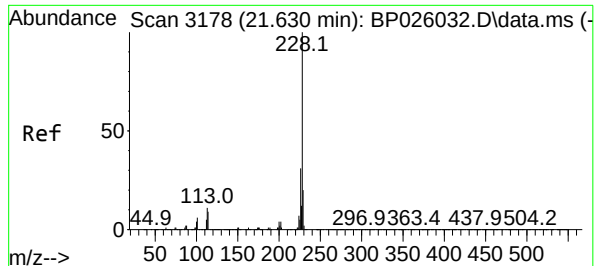
Tgt Ion:228 Resp: 4675082
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 41.695 ng
RT: 21.477 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:252 Resp: 1520065
Ion Ratio Lower Upper
252 100
254 64.1 51.3 76.9
126 11.4 9.1 13.7





#83

Chrysene

Concen: 41.334 ng

RT: 21.630 min Scan# 3178

Delta R.T. 0.012 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

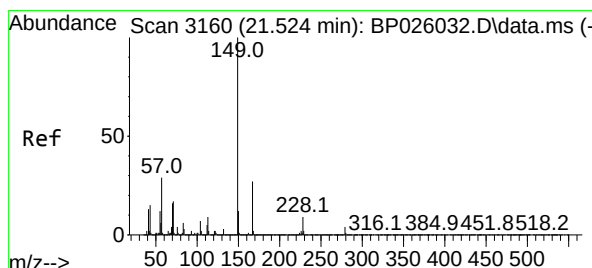
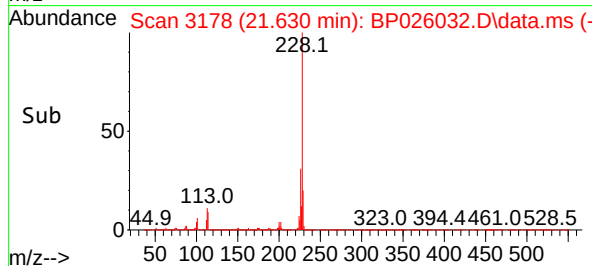
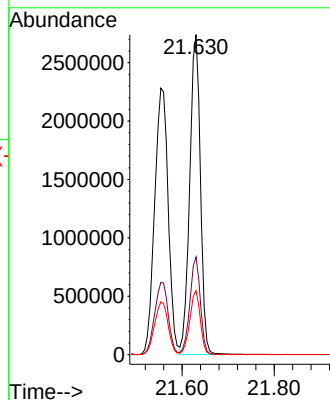
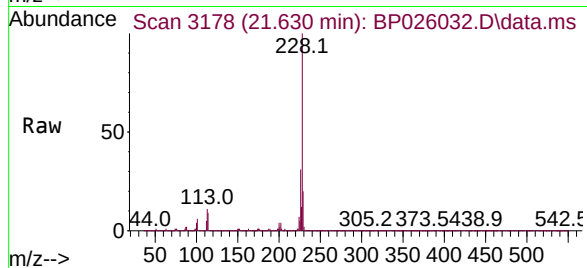
Tgt Ion:228 Resp: 4430345

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.098 ng

RT: 21.524 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

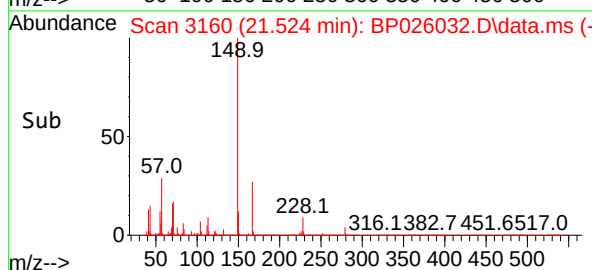
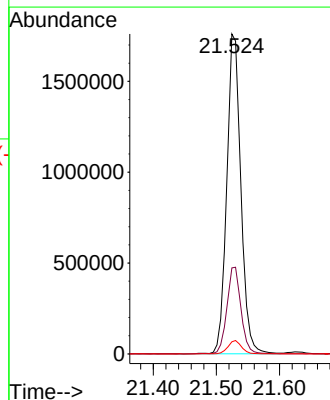
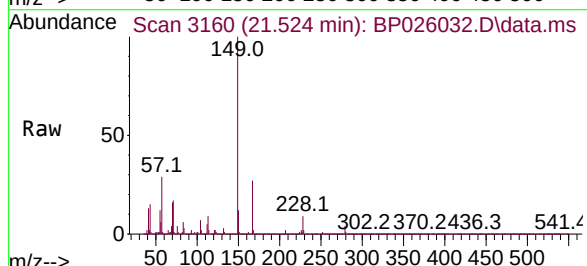
Tgt Ion:149 Resp: 2729269

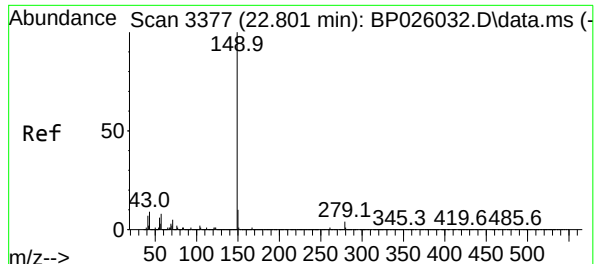
Ion Ratio Lower Upper

149 100

167 26.9 21.5 32.3

279 3.8 3.0 4.6

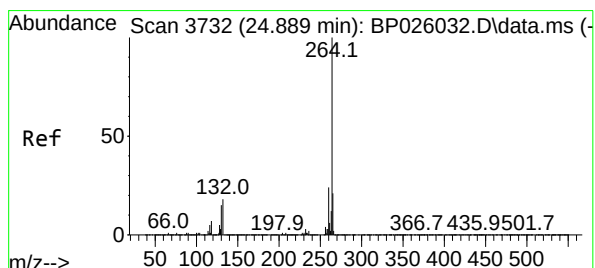
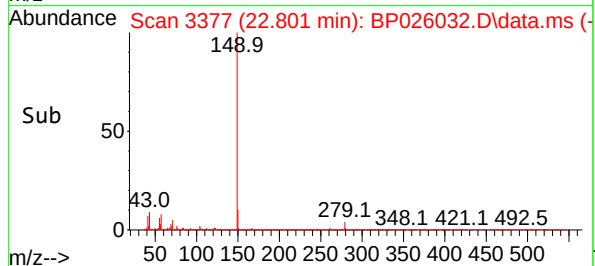
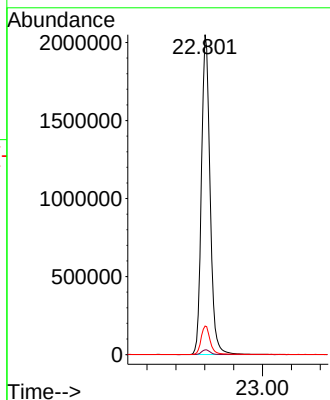
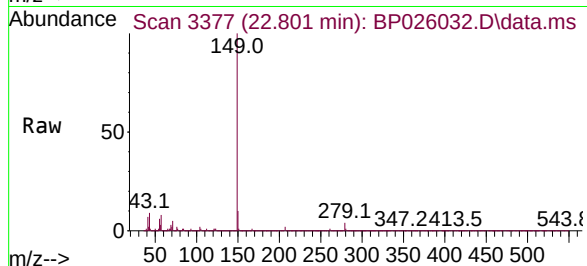




#85
Di-n-octyl phthalate
Concen: 43.233 ng
RT: 22.801 min Scan# 3377
Delta R.T. -0.000 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

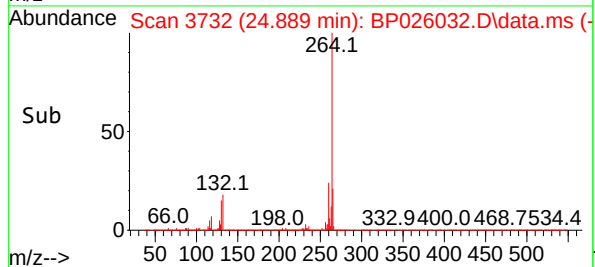
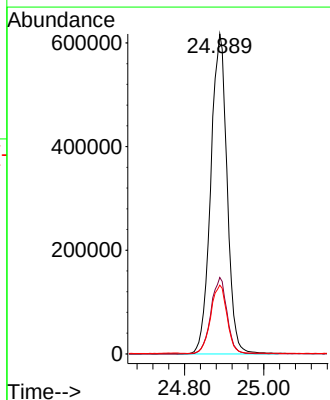
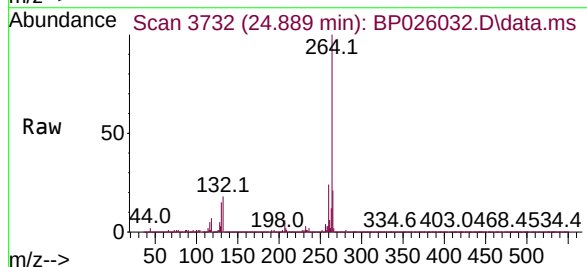
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

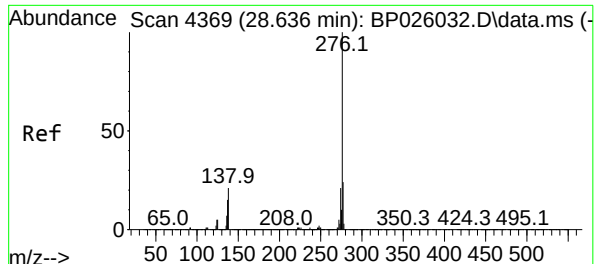
Tgt Ion:149 Resp: 4237623
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.5 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.889 min Scan# 3732
Delta R.T. 0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:264 Resp: 1760712
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.5 17.2 25.8

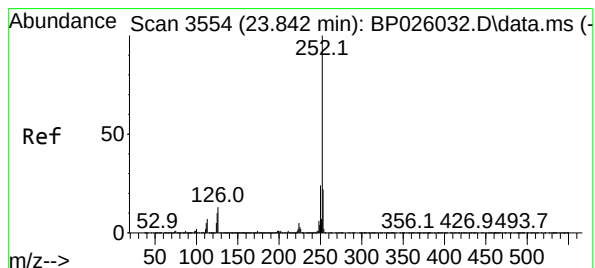
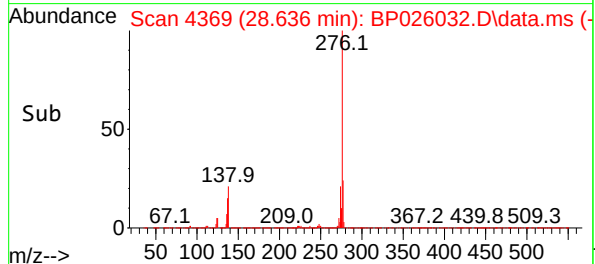
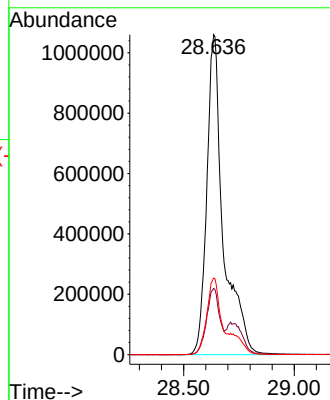
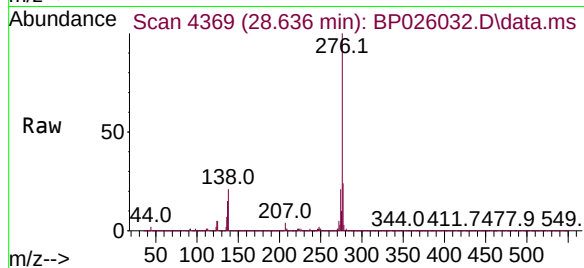




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.386 ng
RT: 28.636 min Scan# 4369
Delta R.T. -0.023 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

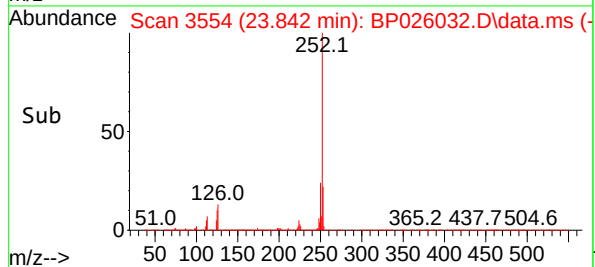
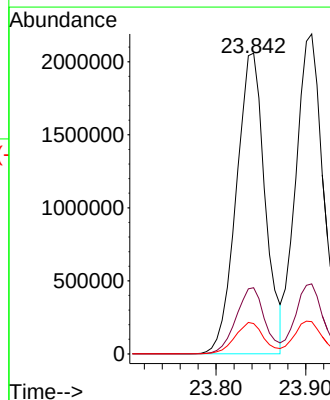
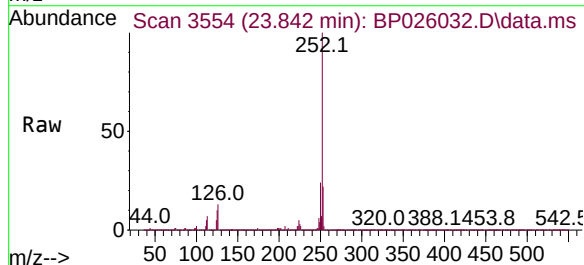
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

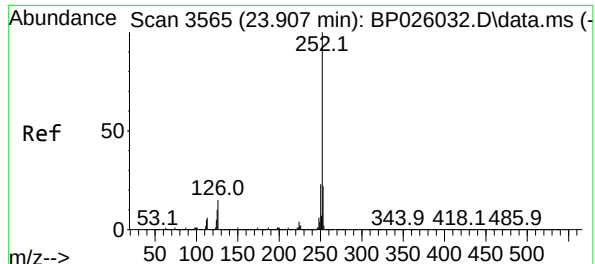
Tgt Ion:276 Resp: 5507457
Ion Ratio Lower Upper
276 100
138 16.5 13.2 19.8
277 20.4 16.3 24.5



#88
Benzo(b)fluoranthene
Concen: 42.083 ng
RT: 23.842 min Scan# 3554
Delta R.T. -0.006 min
Lab File: BP026032.D
Acq: 29 Oct 2025 12:10

Tgt Ion:252 Resp: 4599800
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.1 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 41.983 ng

RT: 23.907 min Scan# 3565

Delta R.T. -0.017 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

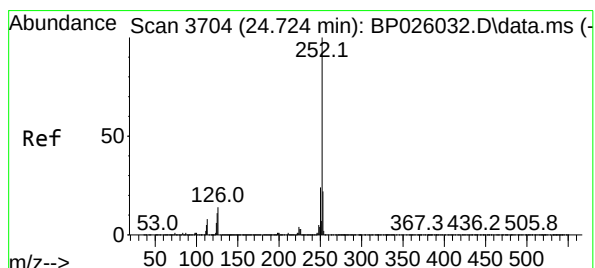
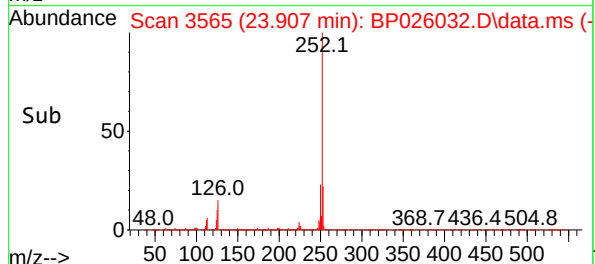
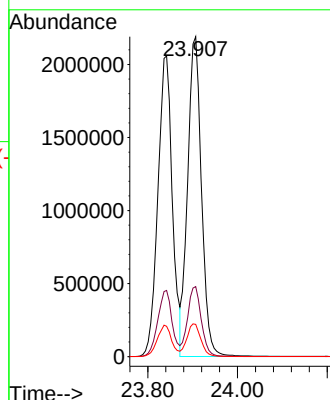
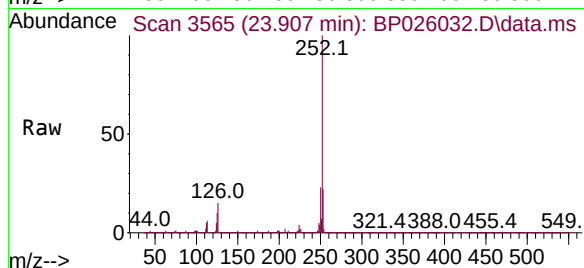
Tgt Ion:252 Resp: 4686005

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.1 8.1 12.1



#90

Benzo(a)pyrene

Concen: 42.443 ng

RT: 24.724 min Scan# 3704

Delta R.T. -0.017 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

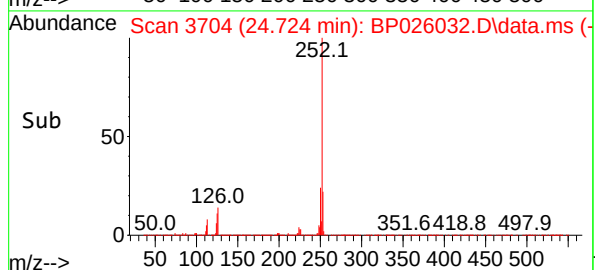
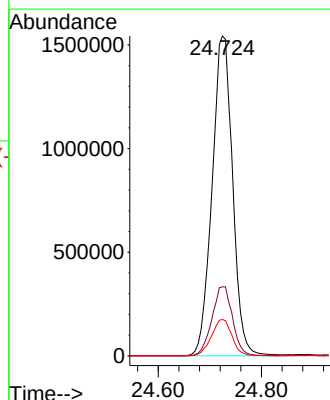
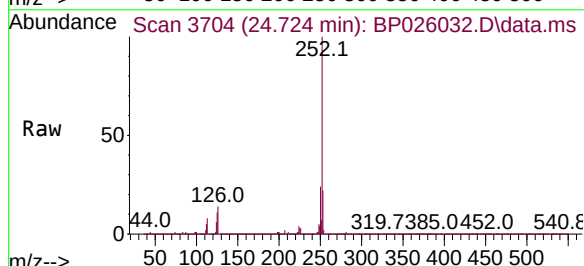
Tgt Ion:252 Resp: 4261972

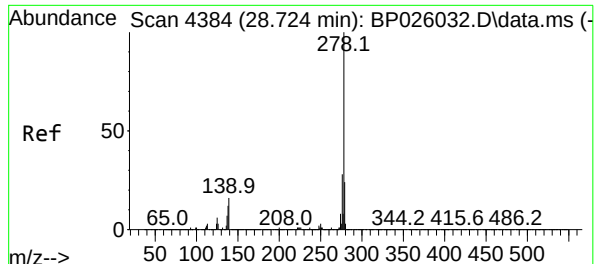
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 11.4 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 42.397 ng

RT: 28.724 min Scan# 4384

Delta R.T. -0.023 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

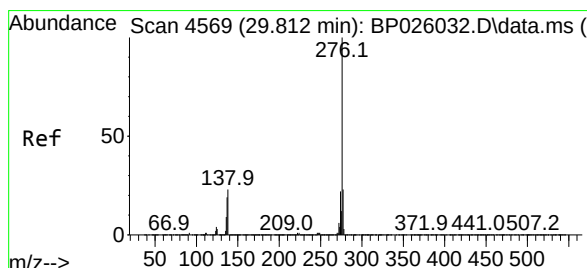
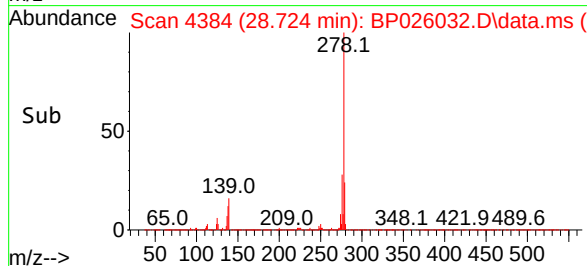
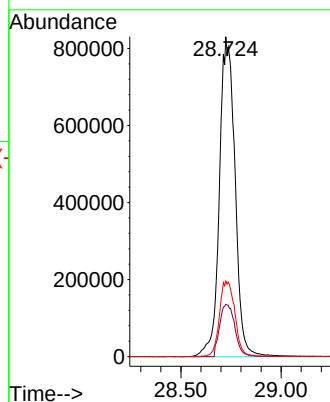
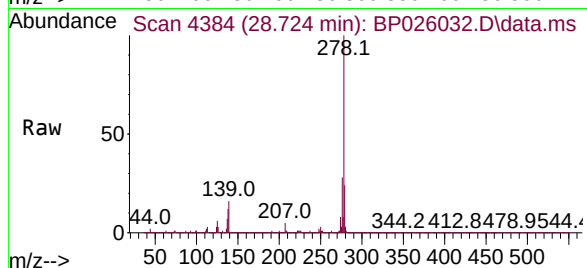
Tgt Ion:278 Resp: 4484851

Ion Ratio Lower Upper

278 100

139 16.3 13.0 19.6

279 23.6 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 41.915 ng

RT: 29.812 min Scan# 4569

Delta R.T. -0.017 min

Lab File: BP026032.D

Acq: 29 Oct 2025 12:10

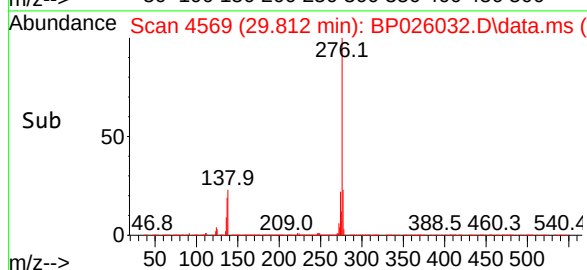
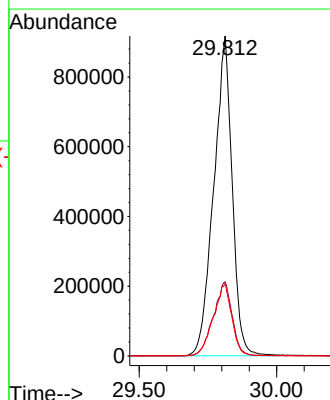
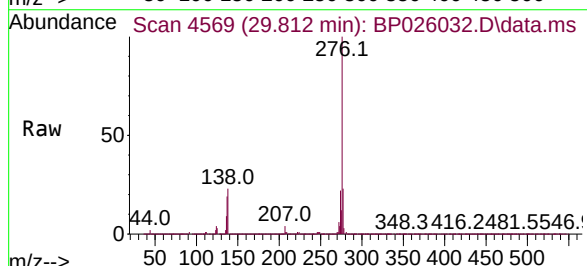
Tgt Ion:276 Resp: 4266684

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 22.6 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026033.D
 Acq On : 29 Oct 2025 12:51
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.690	152	349214	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1438966	20.000	ng	0.00
39) Acenaphthene-d10	14.325	164	904273	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1803155	20.000	ng	0.00
76) Chrysene-d12	21.566	240	1902632	20.000	ng	0.00
86) Perylene-d12	24.883	264	2091380	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1961372	92.678	ng	0.00
7) Phenol-d6	6.855	99	2487382	92.341	ng	0.00
23) Nitrobenzene-d5	8.825	82	2201797	95.388	ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	946601	96.828	ng	0.00
45) 2-Fluorobiphenyl	12.937	172	5564834	88.427	ng	0.00
79) Terphenyl-d14	19.866	244	8183730	87.388	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.237	88	395783	44.361	ng	99
3) Pyridine	3.625	79	1138611	44.894	ng	100
4) n-Nitrosodimethylamine	3.537	42	455456	44.806	ng	99
6) Aniline	7.019	93	1645368	45.768	ng	99
8) 2-Chlorophenol	7.255	128	1102018	47.024	ng	99
9) Benzaldehyde	6.837	77	584865	41.768	ng	98
10) Phenol	6.884	94	1369223	45.786	ng	99
11) bis(2-Chloroethyl)ether	7.119	93	1072428	45.441	ng	100
12) 1,3-Dichlorobenzene	7.578	146	1208921	44.919	ng	100
13) 1,4-Dichlorobenzene	7.719	146	1221221	44.879	ng	100
14) 1,2-Dichlorobenzene	8.037	146	1168413	44.998	ng	99
15) Benzyl Alcohol	7.919	79	890562	45.860	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1611516	45.181	ng	100
17) 2-Methylphenol	8.113	107	922978	47.134	ng	99
18) Hexachloroethane	8.755	117	427757	45.939	ng	98
19) n-Nitroso-di-n-propyla...	8.484	70	789416	47.211	ng	98
20) 3+4-Methylphenols	8.437	107	1248064	45.814	ng	99
22) Acetophenone	8.496	105	1638579	45.025	ng	# 98
24) Nitrobenzene	8.866	77	1139668	46.762	ng	100
25) Isophorone	9.390	82	2274125	46.029	ng	99
26) 2-Nitrophenol	9.572	139	447065	49.734	ng	97
27) 2,4-Dimethylphenol	9.631	122	966770	46.532	ng	98
28) bis(2-Chloroethoxy)met...	9.872	93	1423542	45.719	ng	99
29) 2,4-Dichlorophenol	10.096	162	1050277	47.877	ng	99
30) 1,2,4-Trichlorobenzene	10.319	180	1082702	45.408	ng	98
31) Naphthalene	10.501	128	3517083	44.821	ng	99
32) Benzoic acid	9.760	122	583423	46.816	ng	98
33) 4-Chloroaniline	10.607	127	1380084	45.768	ng	99
34) Hexachlorobutadiene	10.801	225	683383	45.101	ng	99
35) Caprolactam	11.372	113	356316	46.253	ng	95
36) 4-Chloro-3-methylphenol	11.725	107	1091555	47.466	ng	99
37) 2-Methylnaphthalene	12.113	142	2496690	45.460	ng	99
38) 1-Methylnaphthalene	12.343	142	2384802	44.696	ng	98
40) 1,2,4,5-Tetrachloroben...	12.490	216	1276225	45.422	ng	99
41) Hexachlorocyclopentadiene	12.478	237	492338	47.892	ng	97
43) 2,4,6-Trichlorophenol	12.725	196	814315	49.033	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026033.D
 Acq On : 29 Oct 2025 12:51
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	915816	48.327	ng	98
46) 1,1'-Biphenyl	13.143	154	3114348	44.979	ng	99
47) 2-Chloronaphthalene	13.184	162	2465203	45.251	ng	99
48) 2-Nitroaniline	13.378	65	626496	45.673	ng	100
49) Acenaphthylene	14.037	152	3657970	46.069	ng	99
50) Dimethylphthalate	13.772	163	2990506	45.465	ng	100
51) 2,6-Dinitrotoluene	13.884	165	554294	45.947	ng	100
52) Acenaphthene	14.389	154	2461012	45.148	ng	100
53) 3-Nitroaniline	14.213	138	666202	45.125	ng	98
54) 2,4-Dinitrophenol	14.413	184	217265	46.408	ng	# 85
55) Dibenzofuran	14.725	168	3647999	44.295	ng	98
56) 4-Nitrophenol	14.519	139	583197	44.465	ng	99
57) 2,4-Dinitrotoluene	14.684	165	812960	46.376	ng	96
58) Fluorene	15.395	166	2848597	44.149	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	741007	49.733	ng	100
60) Diethylphthalate	15.178	149	3052331	46.159	ng	99
61) 4-Chlorophenyl-phenyle...	15.389	204	1408511	43.714	ng	99
62) 4-Nitroaniline	15.401	138	673347	47.907	ng	100
63) Azobenzene	15.695	77	2685827	44.816	ng	98
65) 4,6-Dinitro-2-methylph...	15.460	198	336876	46.617	ng	94
66) n-Nitrosodiphenylamine	15.613	169	2556770	45.350	ng	100
67) 4-Bromophenyl-phenylether	16.307	248	918587	45.926	ng	99
68) Hexachlorobenzene	16.419	284	1017148	44.671	ng	98
69) Atrazine	16.583	200	868165	45.648	ng	98
70) Pentachlorophenol	16.766	266	667717	48.009	ng	100
71) Phenanthrene	17.172	178	4646242	44.270	ng	100
72) Anthracene	17.266	178	4704548	45.221	ng	100
73) Carbazole	17.542	167	4367887	44.353	ng	99
74) Di-n-butylphthalate	18.160	149	5391627	48.928	ng	100
75) Fluoranthene	19.260	202	5518479	45.075	ng	99
77) Benzidine	19.460	184	2144466	44.405	ng	100
78) Pyrene	19.636	202	5789133	44.987	ng	99
80) Butylbenzylphthalate	20.607	149	2226346	46.457	ng	99
81) Benzo(a)anthracene	21.548	228	5824139	44.546	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	1980734	47.020	ng	99
83) Chrysene	21.619	228	5558878	44.884	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	3652585	47.172	ng	98
85) Di-n-octyl phthalate	22.807	149	5887832	51.985	ng	99
87) Indeno(1,2,3-cd)pyrene	28.659	276	7169922m	46.456	ng	
88) Benzo(b)fluoranthene	23.854	252	6008578	46.280	ng	100
89) Benzo(k)fluoranthene	23.924	252	5963953	44.984	ng	100
90) Benzo(a)pyrene	24.742	252	5510203	46.197	ng	99
91) Dibenzo(a,h)anthracene	28.753	278	5841467	46.490	ng	99
92) Benzo(g,h,i)perylene	29.812	276	5581541	46.163	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

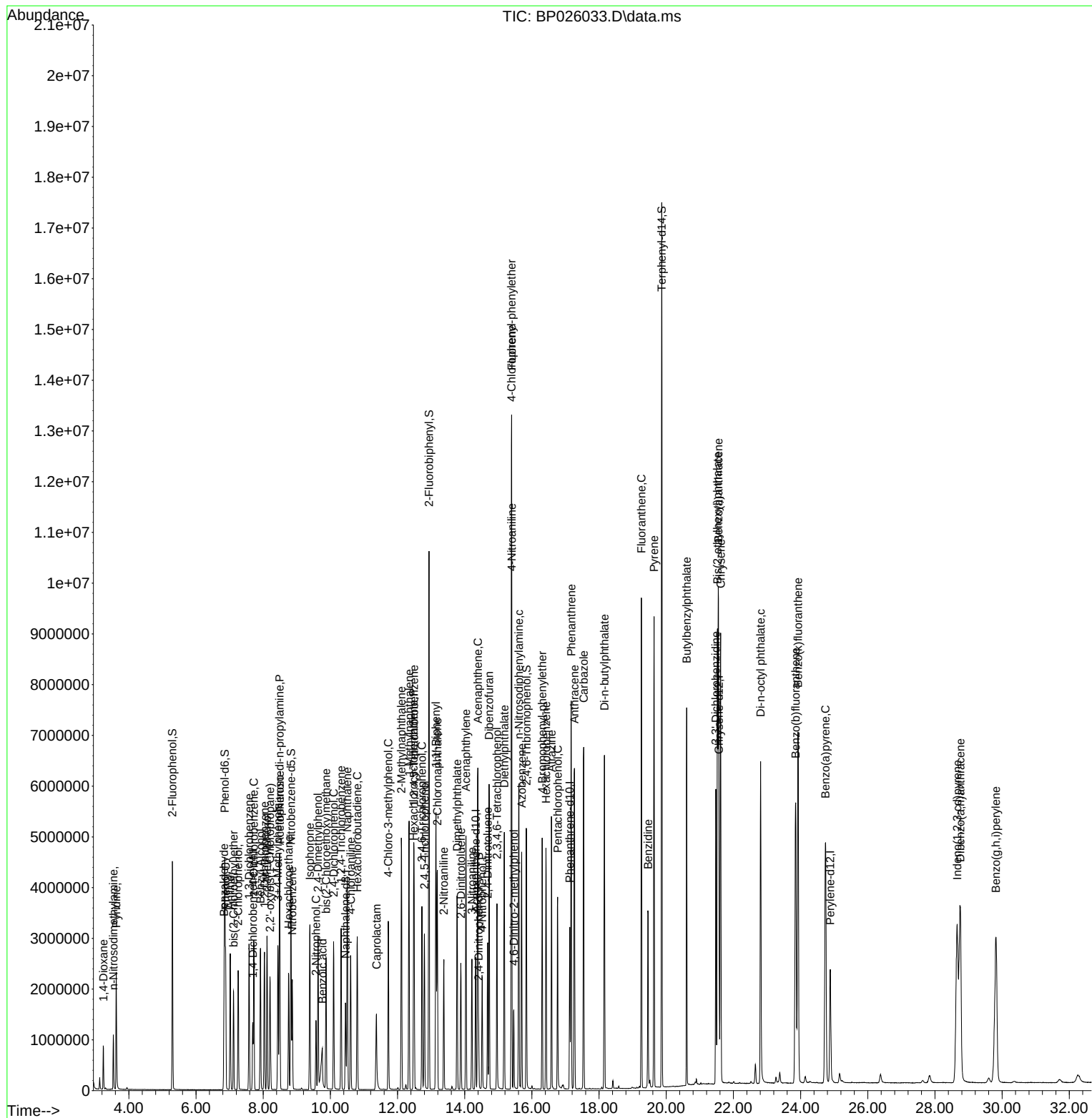
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026033.D
Acq On : 29 Oct 2025 12:51
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

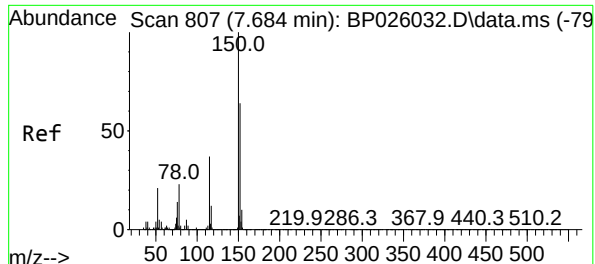
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

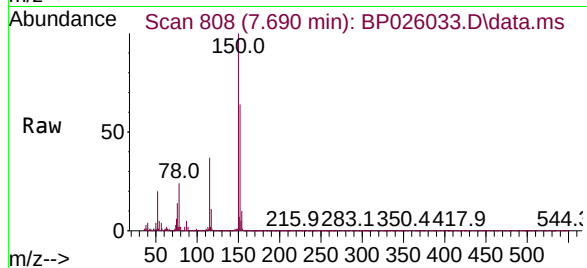
Quant Time: Oct 29 18:08:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.690 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

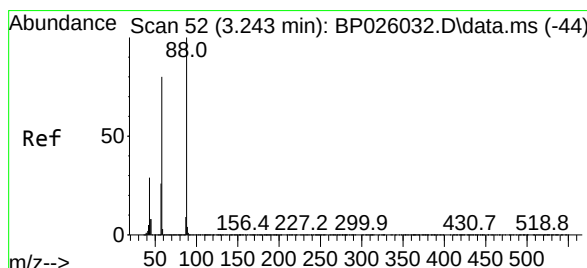
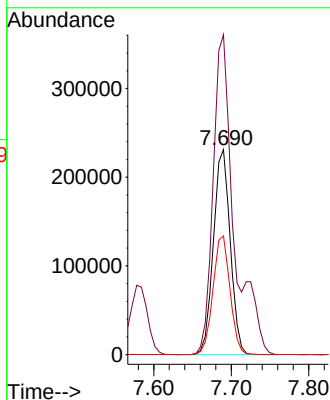
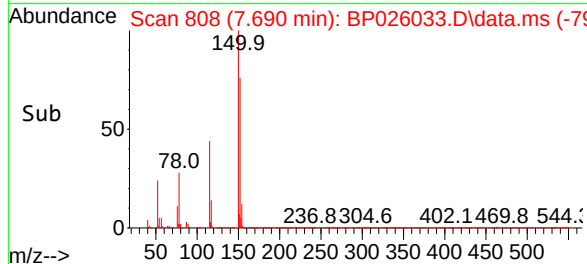
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 349214
Ion Ratio Lower Upper
152 100
150 156.0 125.7 188.5
115 57.8 46.4 69.6

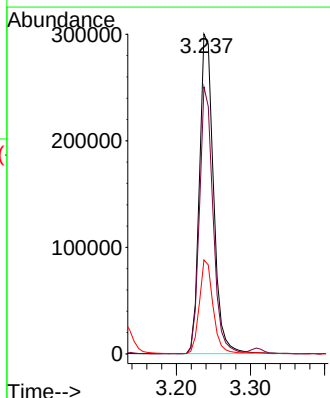
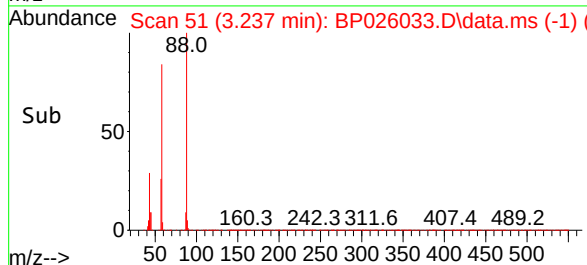
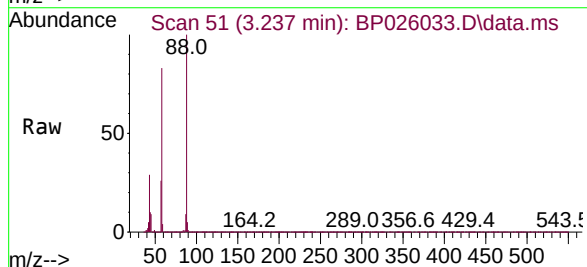
Manual Integrations
APPROVED

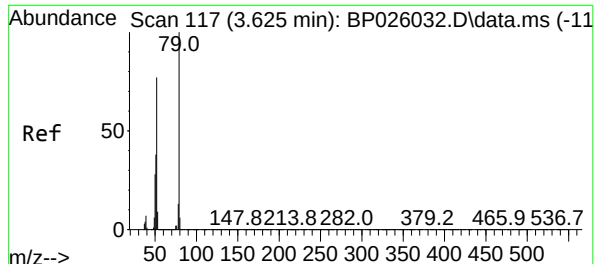
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#2
1,4-Dioxane
Concen: 44.361 ng
RT: 3.237 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

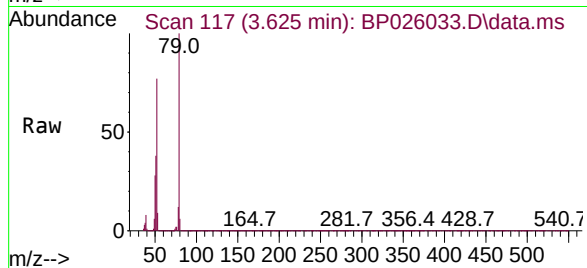
Tgt Ion: 88 Resp: 395783
Ion Ratio Lower Upper
88 100
58 80.9 65.4 98.0
43 29.0 23.1 34.7





#3
Pyridine
Concen: 44.894 ng
RT: 3.625 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

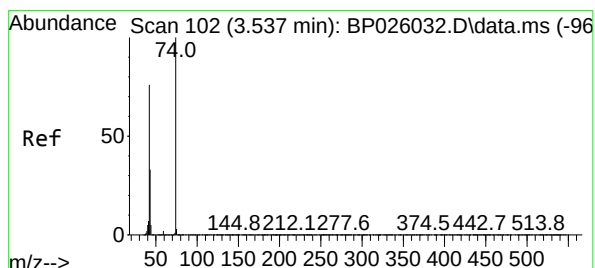
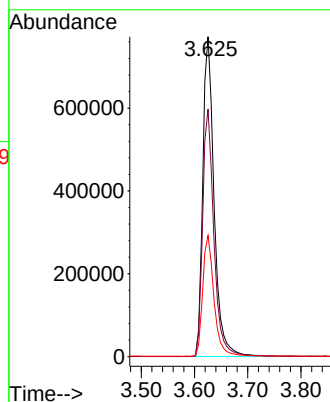
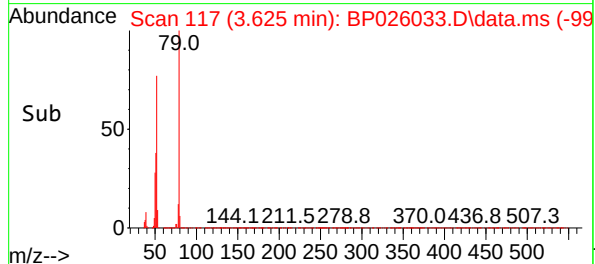
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 1138611
Ion Ratio Lower Upper
79 100
52 77.3 62.0 93.0
51 37.8 30.6 46.0

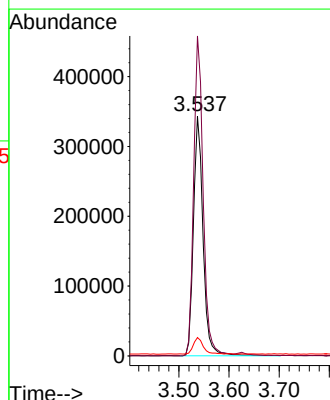
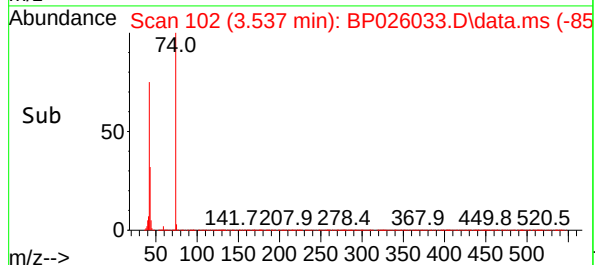
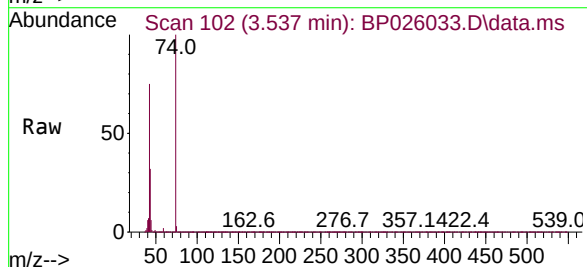
Manual Integrations
APPROVED

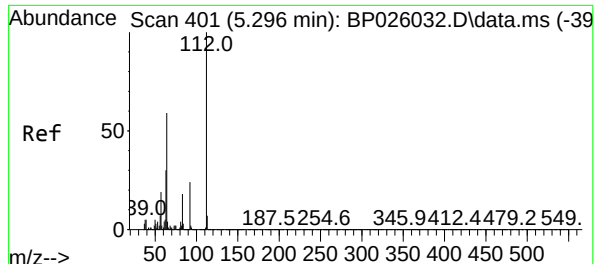
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#4
n-Nitrosodimethylamine
Concen: 44.806 ng
RT: 3.537 min Scan# 102
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

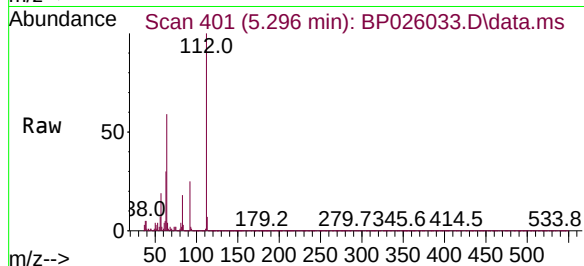
Tgt Ion: 42 Resp: 455456
Ion Ratio Lower Upper
42 100
74 133.5 105.7 158.5
44 7.7 6.6 9.8





#5
2-Fluorophenol
Concen: 92.678 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

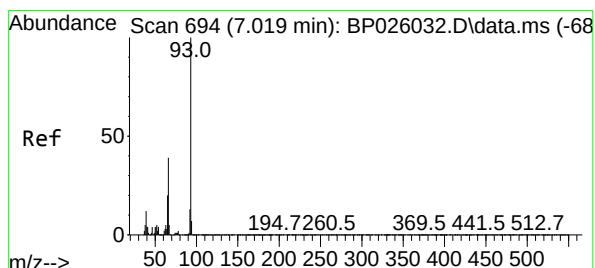
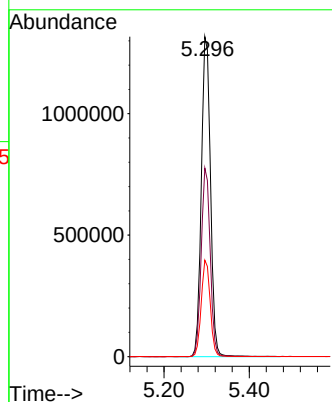
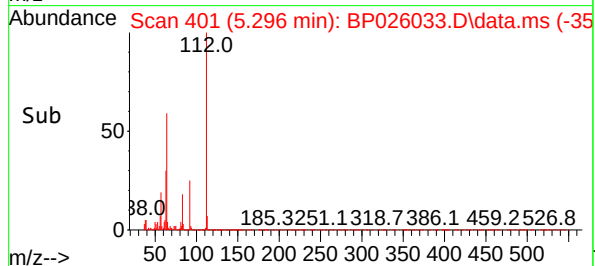
Instrument :
BNA_P
Client SampleId :
SSTDICC050



Tgt Ion: 112 Resp: 1961372
Ion Ratio Lower Upper
112 100
64 58.9 47.4 71.2
63 30.1 24.2 36.4

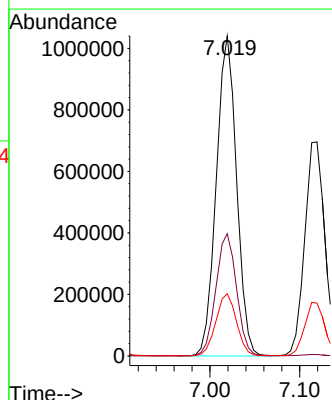
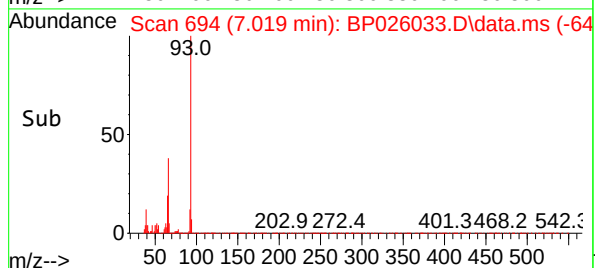
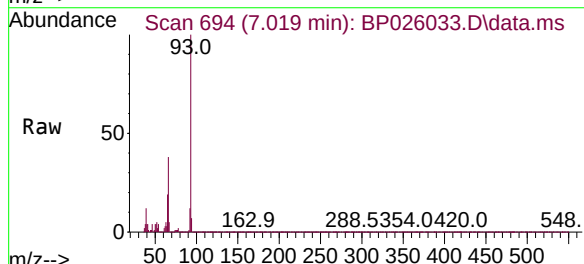
Manual Integrations
APPROVED

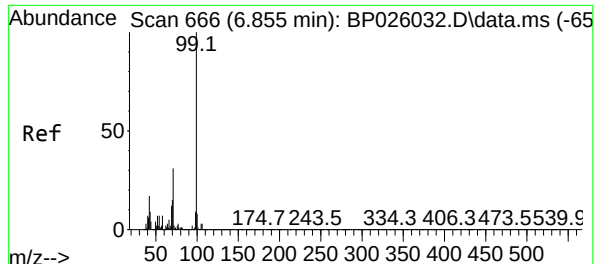
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#6
Aniline
Concen: 45.768 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

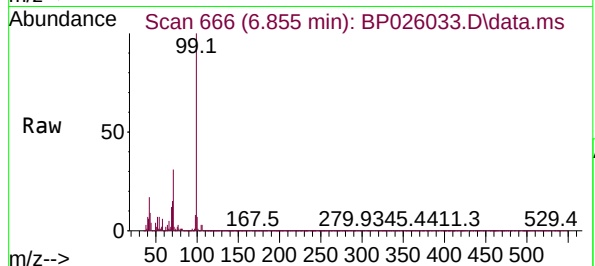
Tgt Ion: 93 Resp: 1645368
Ion Ratio Lower Upper
93 100
66 38.2 31.2 46.8
65 19.4 16.1 24.1





#7
Phenol-d6
Concen: 92.341 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

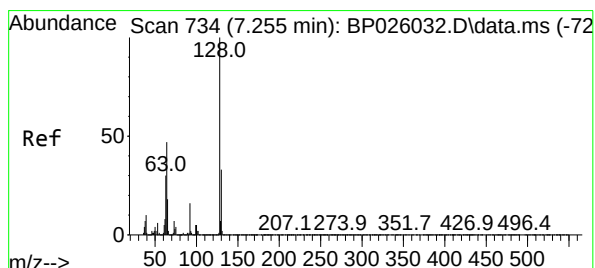
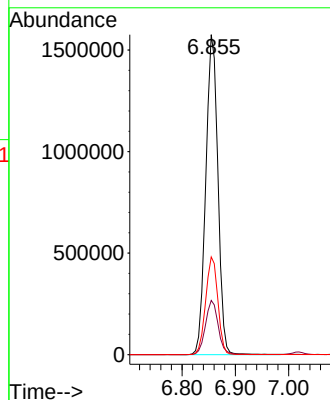
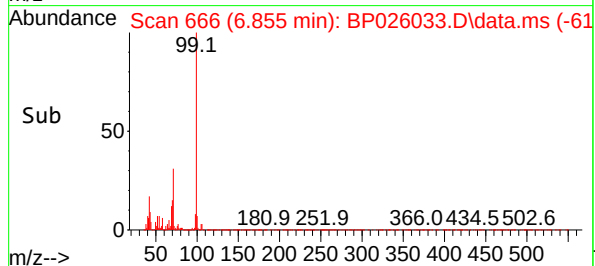
Instrument :
BNA_P
Client Sample Id :
SSTDICC050



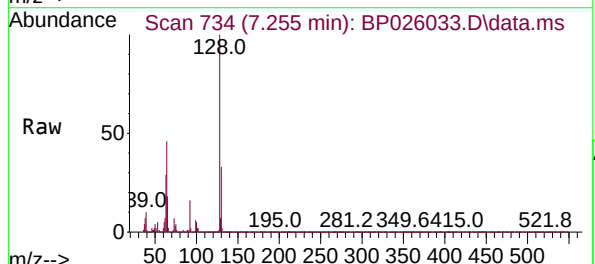
Tgt Ion: 99 Resp: 2487382
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 30.5 24.4 36.6

Manual Integrations
APPROVED

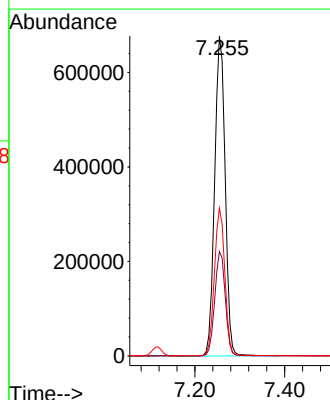
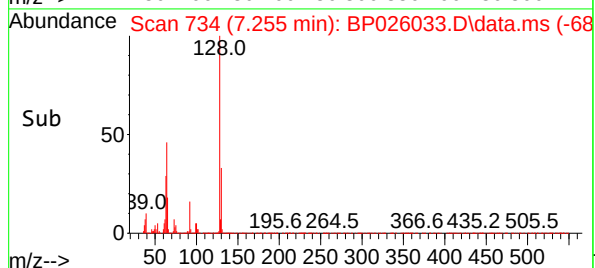
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

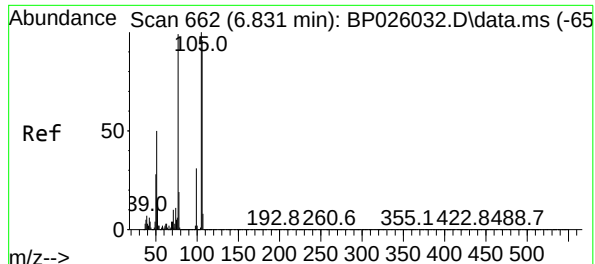


#8
2-Chlorophenol
Concen: 47.024 ng
RT: 7.255 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51



Tgt Ion:128 Resp: 1102018
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 46.2 27.4 67.4





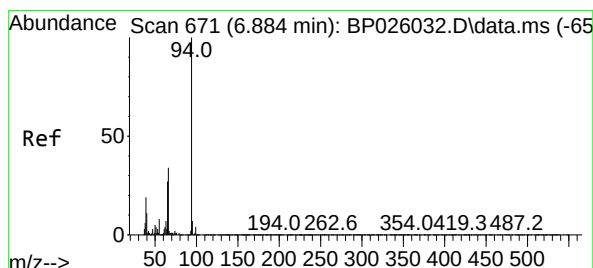
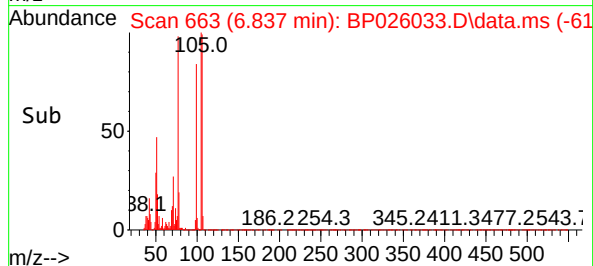
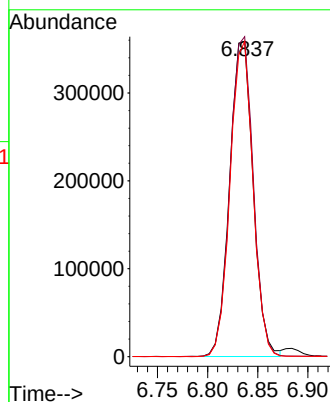
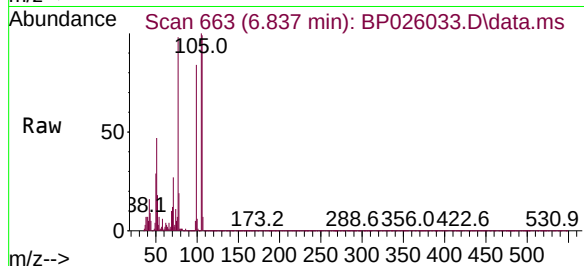
#9
Benzaldehyde
Concen: 41.768 ng
RT: 6.837 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 584865
Ion Ratio Lower Upper
77 100
105 101.6 80.7 120.7
106 100.0 76.5 116.5

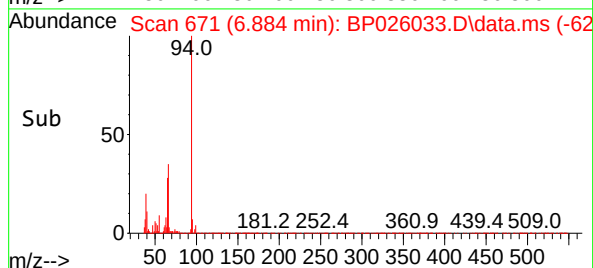
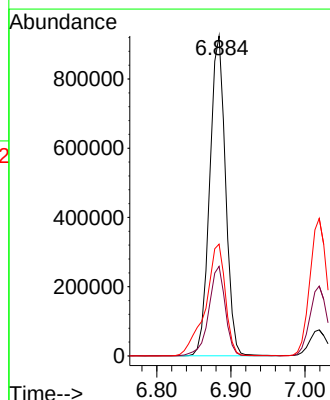
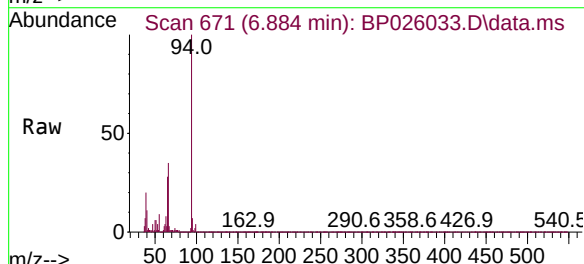
Manual Integrations
APPROVED

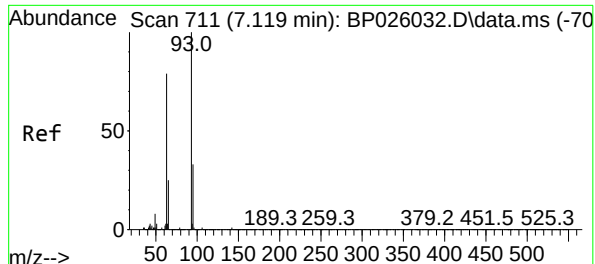
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#10
Phenol
Concen: 45.786 ng
RT: 6.884 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 94 Resp: 1369223
Ion Ratio Lower Upper
94 100
65 28.0 7.1 47.1
66 34.9 14.4 54.4





#11

bis(2-Chloroethyl)ether

Concen: 45.441 ng

RT: 7.119 min Scan# 711

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 1072428

Ion Ratio Lower Upper

93 100

63 79.0 59.1 99.1

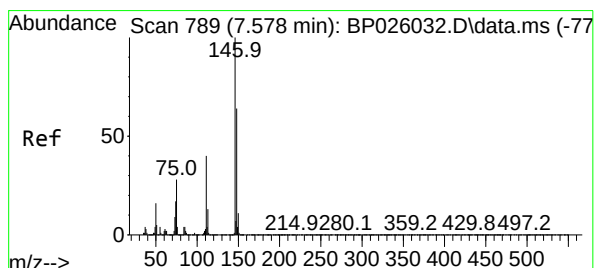
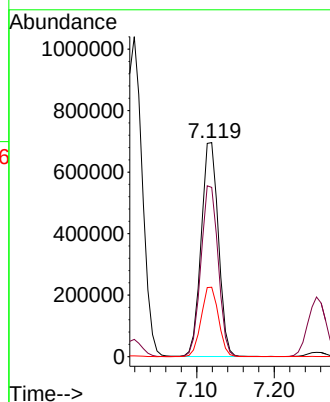
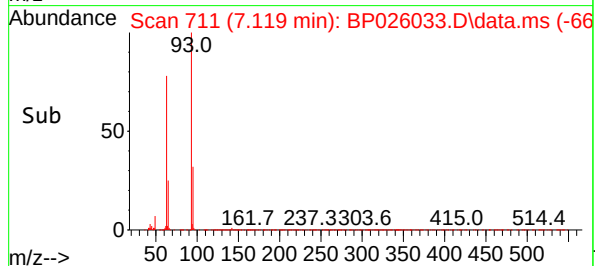
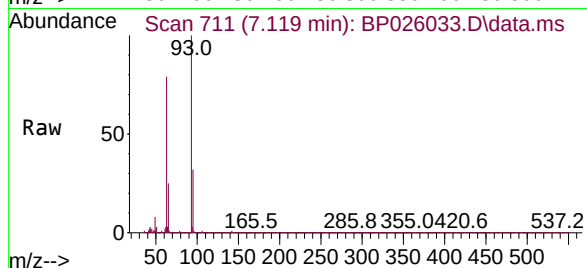
95 32.4 12.6 52.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#12

1,3-Dichlorobenzene

Concen: 44.919 ng

RT: 7.578 min Scan# 789

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

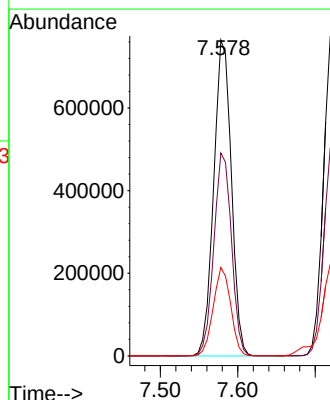
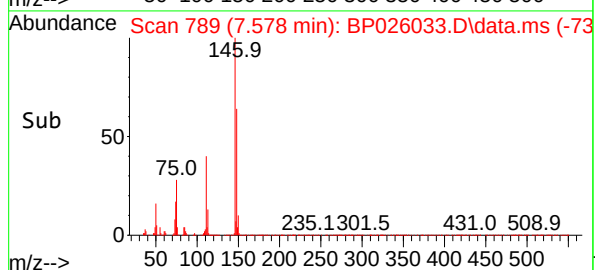
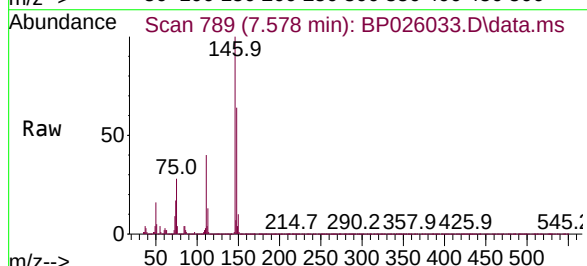
Tgt Ion:146 Resp: 1208921

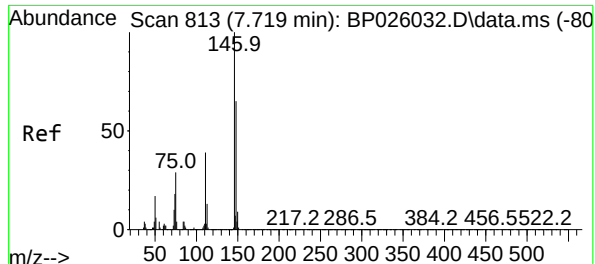
Ion Ratio Lower Upper

146 100

148 64.2 51.6 77.4

75 28.0 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 44.879 ng

RT: 7.719 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 122122

Ion Ratio Lower Upper

146 100

148 65.1 52.2 78.2

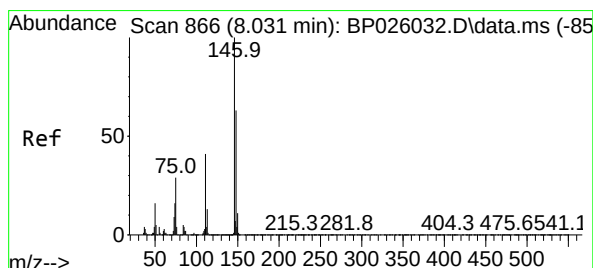
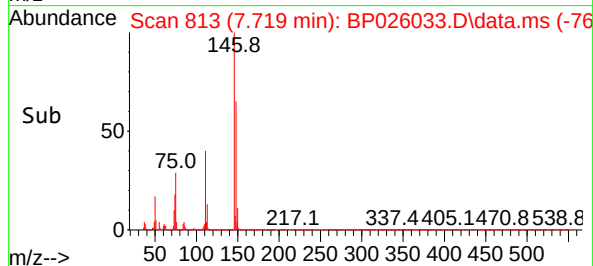
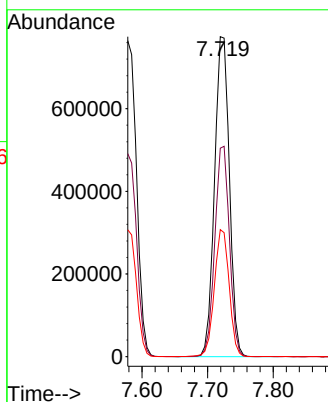
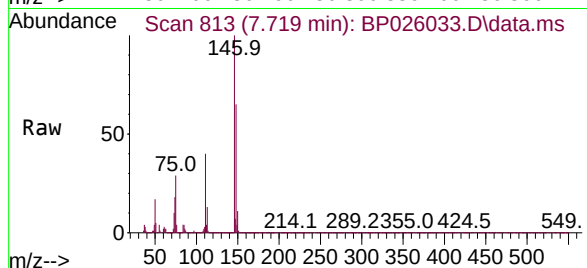
111 39.7 31.3 46.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#14

1,2-Dichlorobenzene

Concen: 44.998 ng

RT: 8.037 min Scan# 867

Delta R.T. 0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

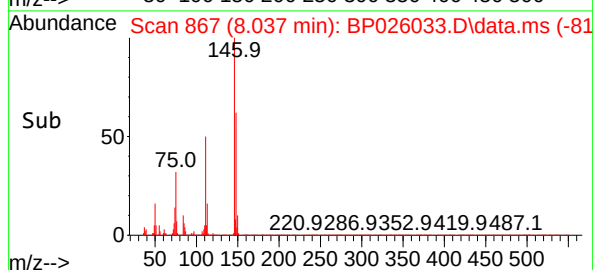
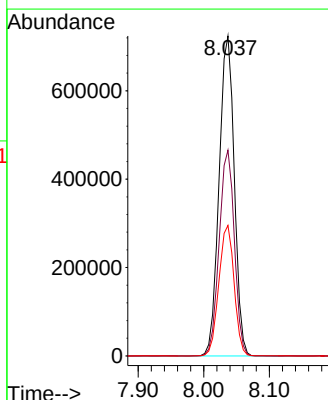
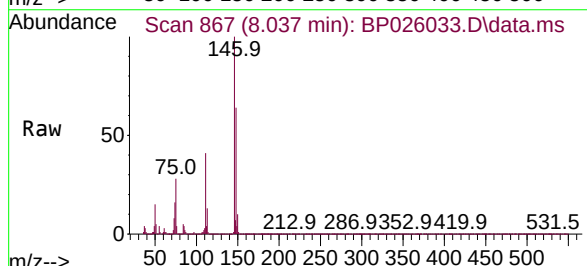
Tgt Ion:146 Resp: 1168413

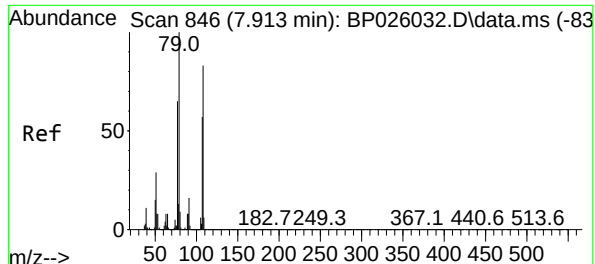
Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

111 40.8 33.0 49.4





#15

Benzyl Alcohol

Concen: 45.860 ng

RT: 7.919 min Scan# 846

Delta R.T. 0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 890562

Ion Ratio Lower Upper

79 100

108 82.4 66.0 99.0

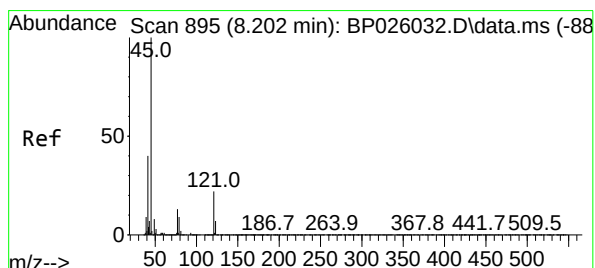
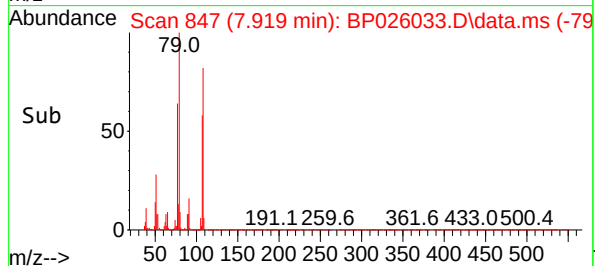
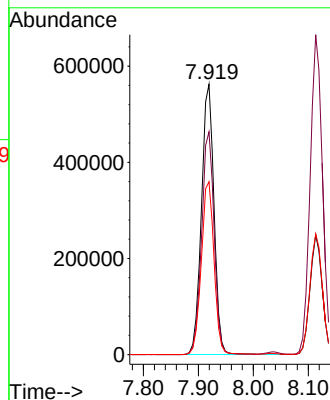
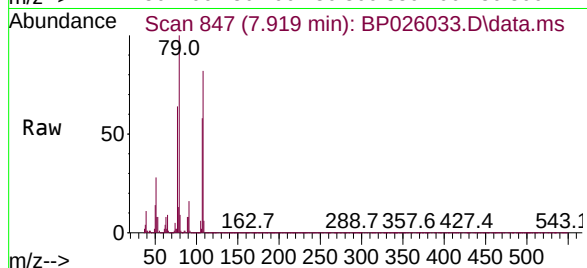
77 63.9 52.3 78.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.181 ng

RT: 8.202 min Scan# 895

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

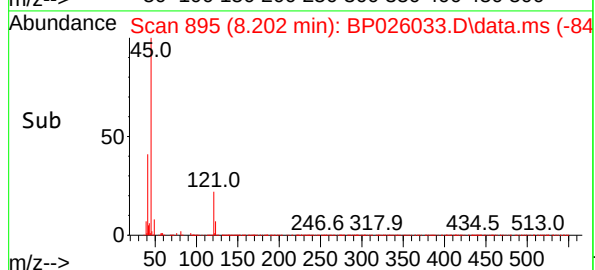
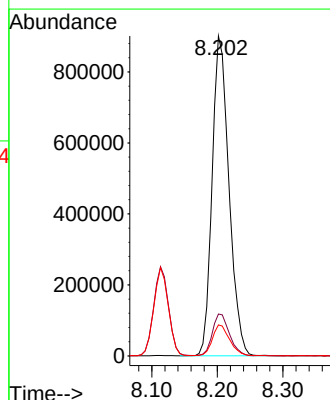
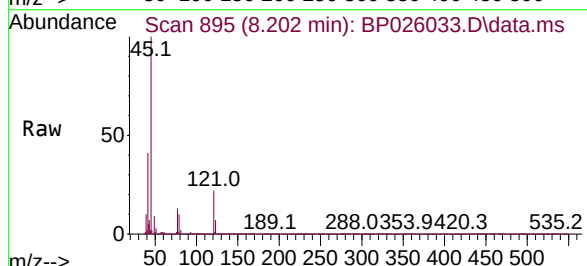
Tgt Ion: 45 Resp: 1611516

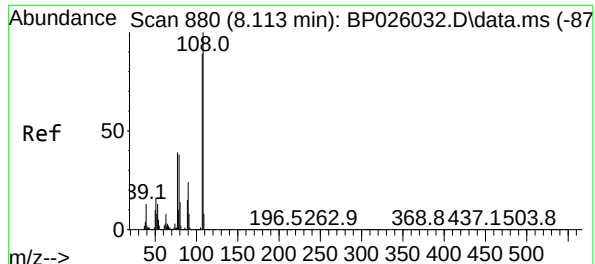
Ion Ratio Lower Upper

45 100

77 13.1 0.0 33.2

79 9.7 0.0 29.5





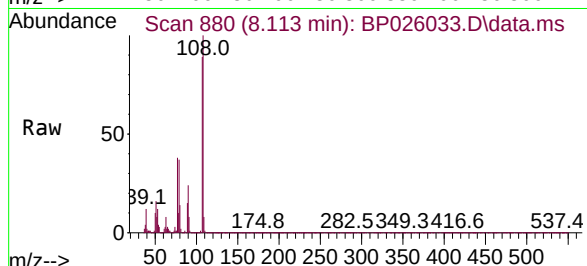
#17
2-Methylphenol
Concen: 47.134 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

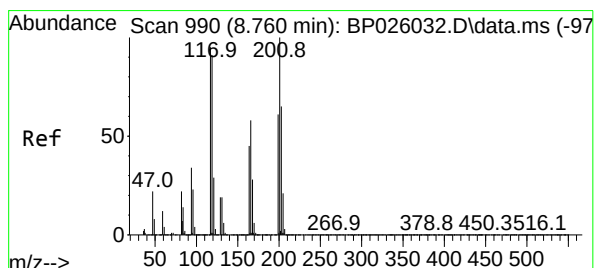
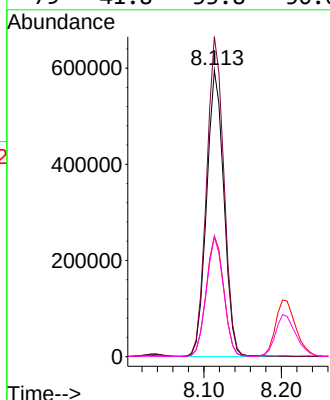
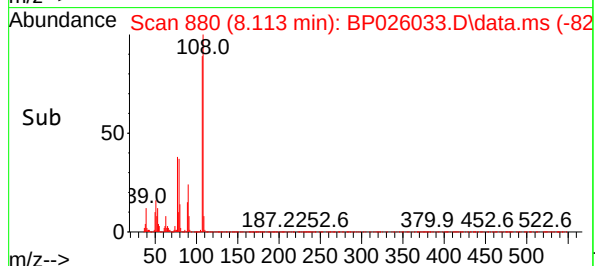


Tgt Ion:107 Resp: 922978
Ion Ratio Lower Upper
107 100
108 111.8 89.8 134.8
77 42.2 34.8 52.2
79 41.8 33.8 50.6

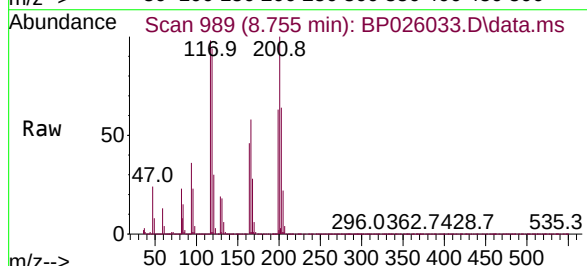
Manual Integrations

APPROVED

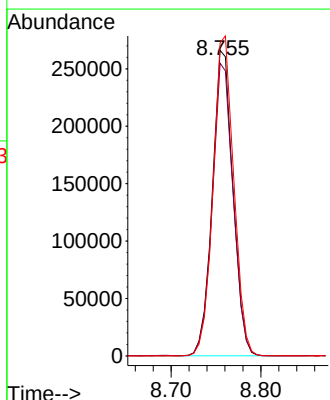
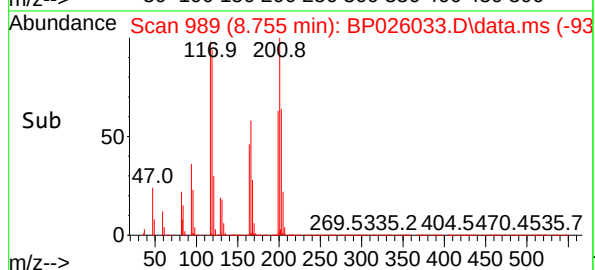
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

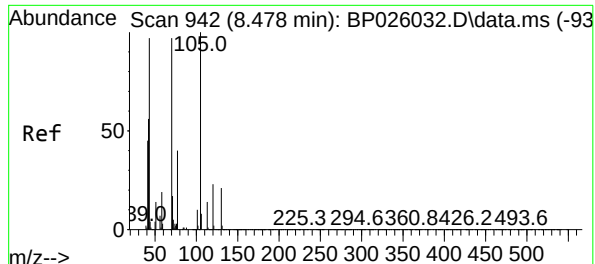


#18
Hexachloroethane
Concen: 45.939 ng
RT: 8.755 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51



Tgt Ion:117 Resp: 427757
Ion Ratio Lower Upper
117 100
119 95.8 76.5 114.7
201 102.5 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 47.211 ng

RT: 8.484 min Scan# 94

Delta R.T. -0.006 min

Lab File: BP026033.D

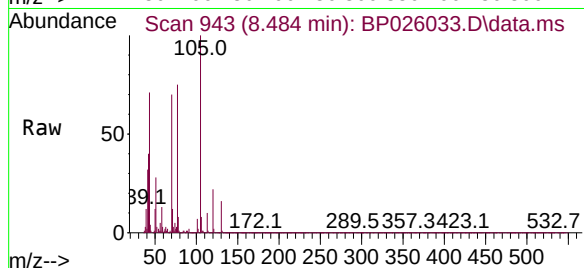
Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 789416

Ion Ratio Lower Upper

70 100

42 57.5 47.2 70.8

101 10.2 8.2 12.2

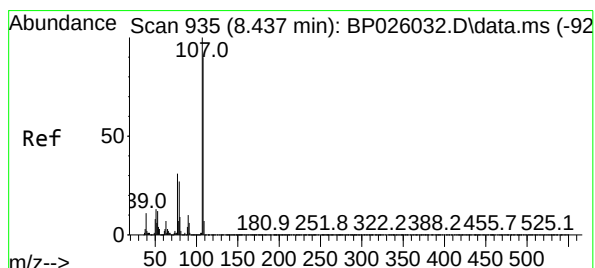
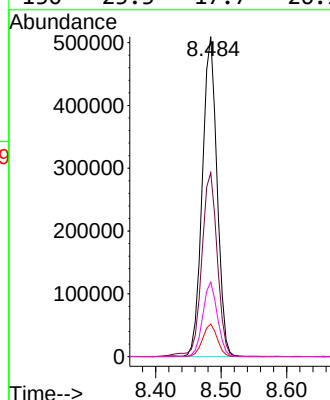
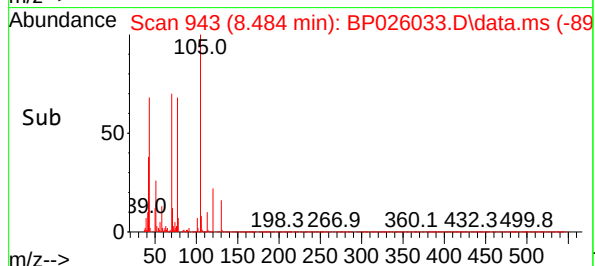
130 23.3 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#20

3+4-Methylphenols

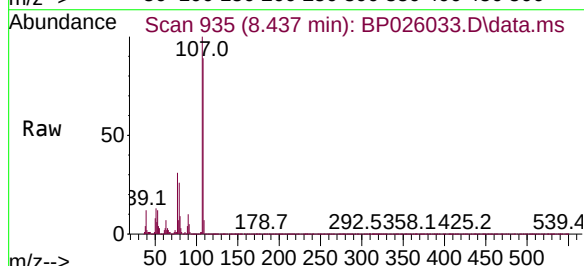
Concen: 45.814 ng

RT: 8.437 min Scan# 935

Delta R.T. -0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51



Tgt Ion:107 Resp: 1248064

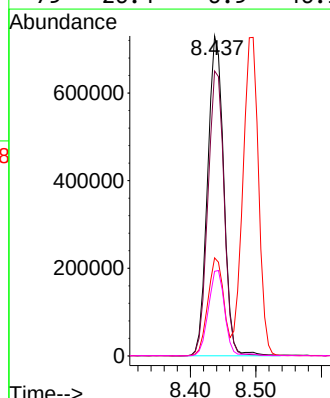
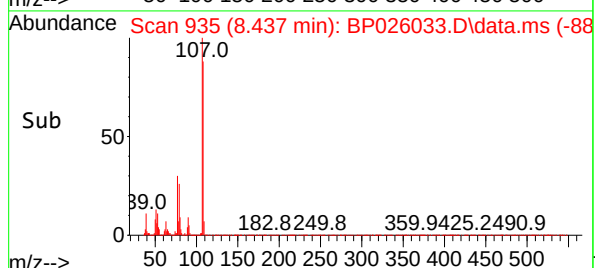
Ion Ratio Lower Upper

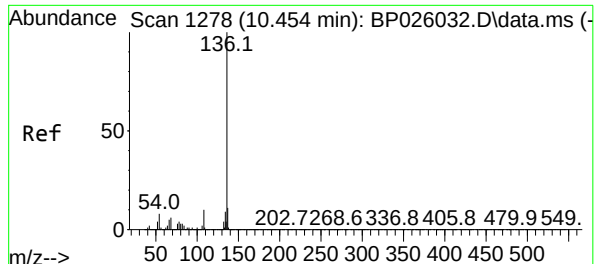
107 100

108 89.0 70.1 110.1

77 30.6 10.7 50.7

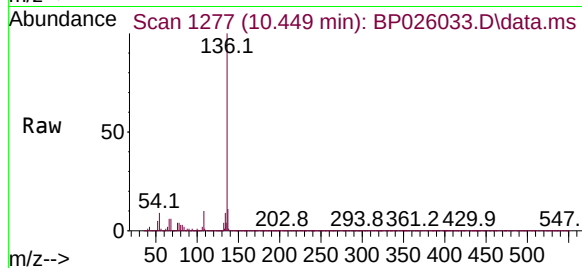
79 26.4 6.9 46.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

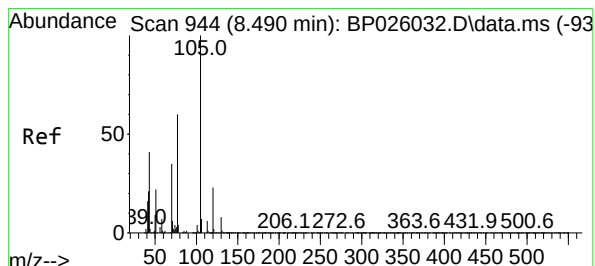
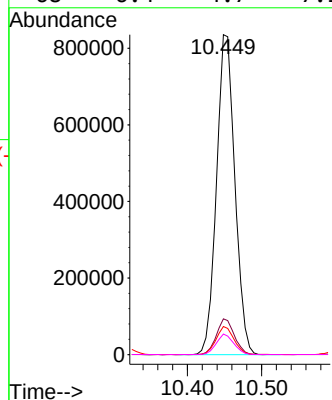
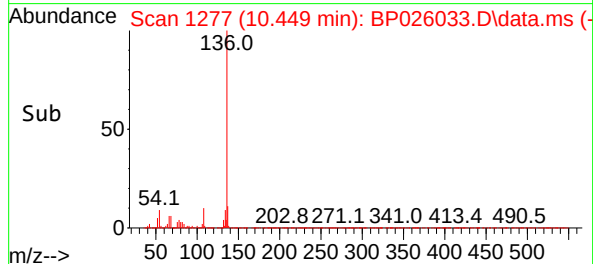
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:136 Resp: 1438966
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.8 6.6 10.0
68 6.4 4.7 7.1

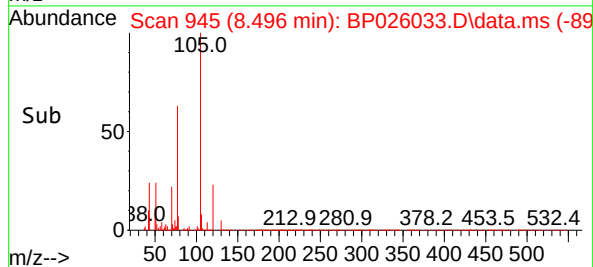
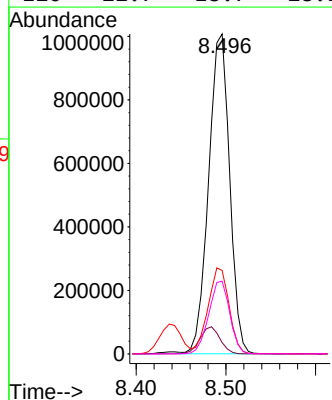
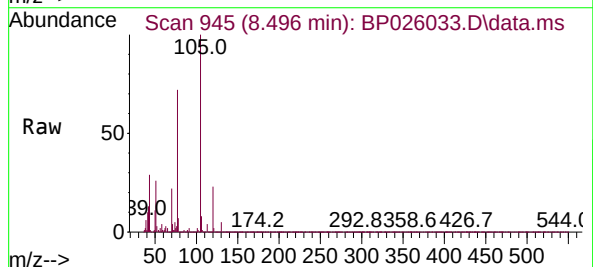
Manual Integrations
APPROVED

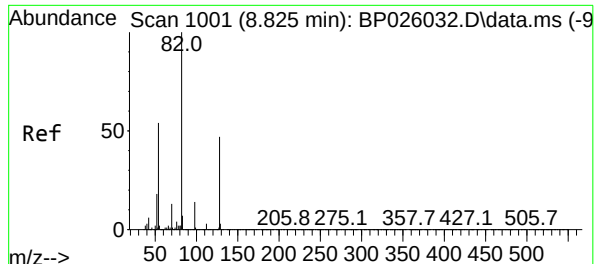
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#22
Acetophenone
Concen: 45.025 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:105 Resp: 1638579
Ion Ratio Lower Upper
105 100
71 3.5 4.7 7.1#
51 26.1 21.8 32.8
120 22.7 18.7 28.1





#23

Nitrobenzene-d5

Concen: 95.388 ng

RT: 8.825 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 220179

Ion Ratio Lower Upper

82 100

128 46.6 37.4 56.0

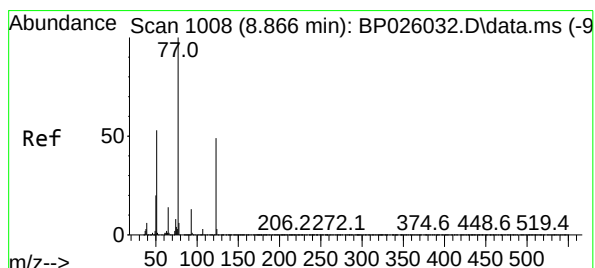
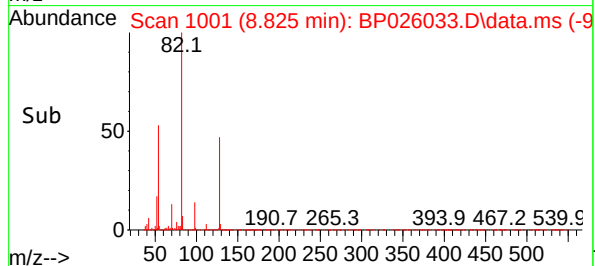
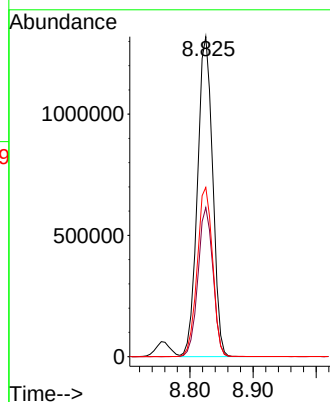
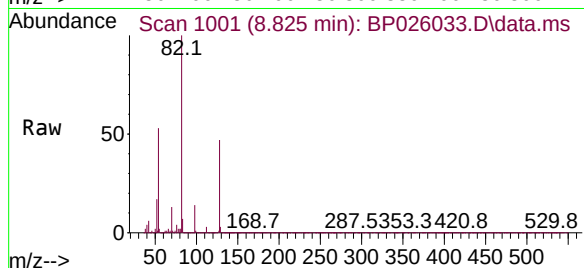
54 52.9 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#24

Nitrobenzene

Concen: 46.762 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

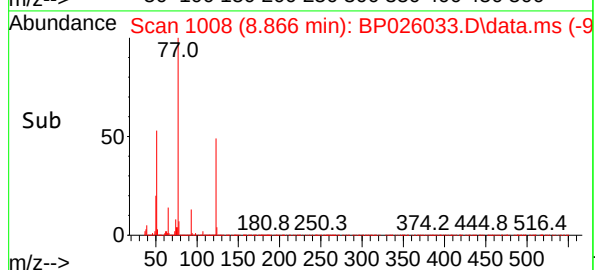
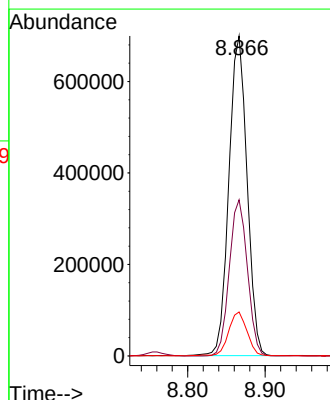
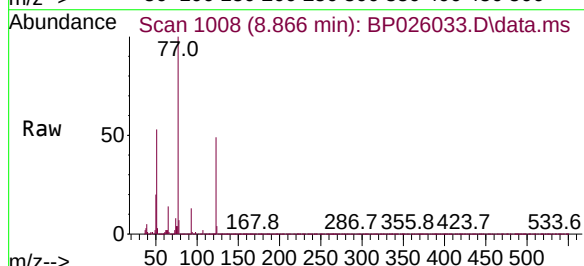
Tgt Ion: 77 Resp: 1139668

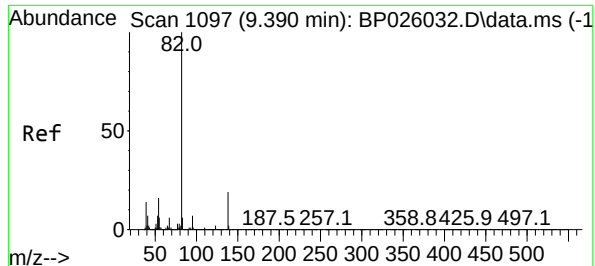
Ion Ratio Lower Upper

77 100

123 48.8 39.0 58.4

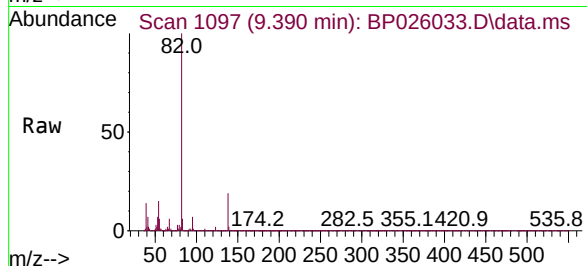
65 13.7 10.9 16.3





#25
Isophorone
Concen: 46.029 ng
RT: 9.390 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

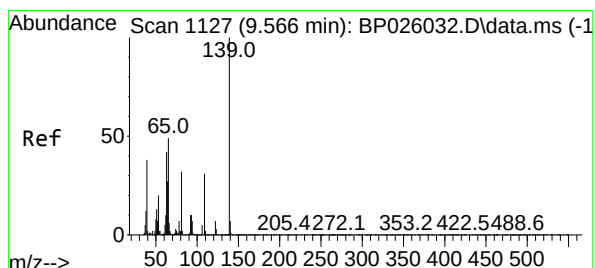
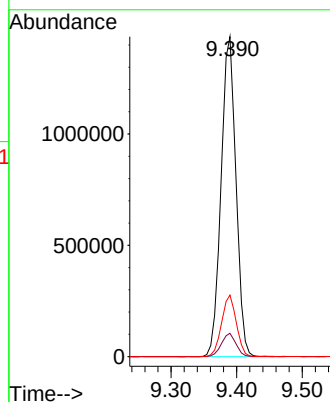
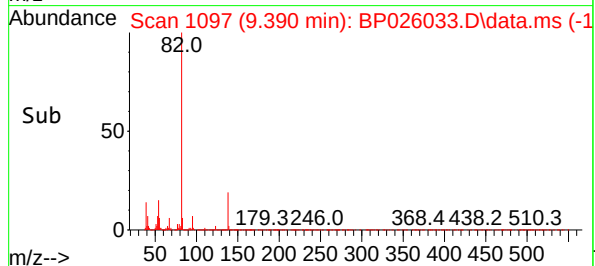
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 2274125
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 19.2 15.0 22.6

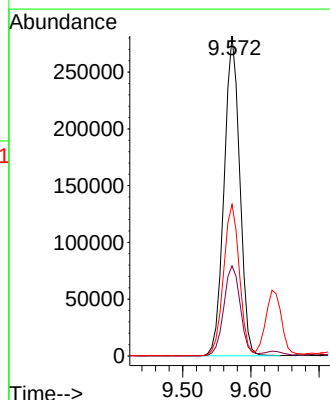
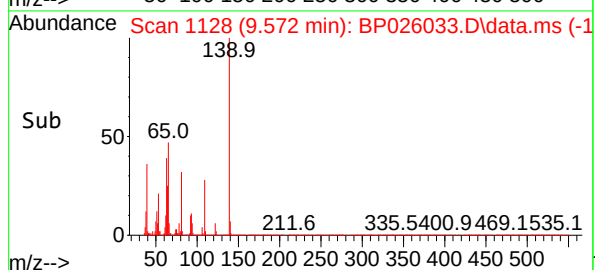
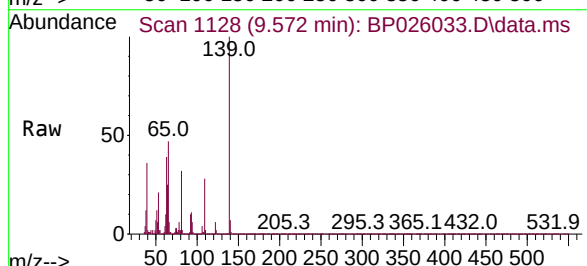
Manual Integrations
APPROVED

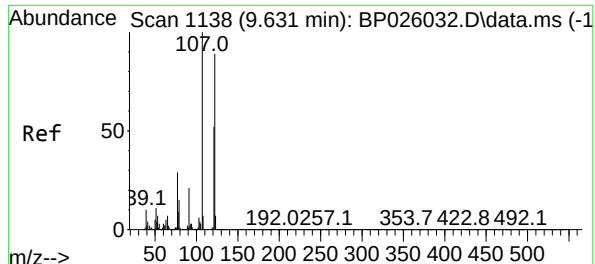
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#26
2-Nitrophenol
Concen: 49.734 ng
RT: 9.572 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

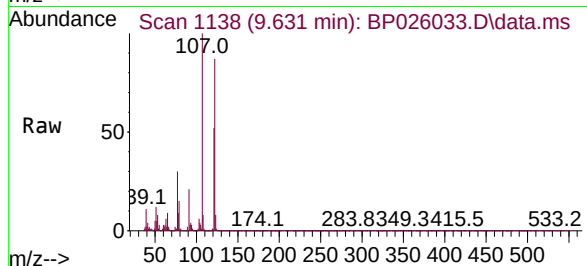
Tgt Ion:139 Resp: 447065
Ion Ratio Lower Upper
139 100
109 28.1 24.8 37.2
65 47.3 39.0 58.4





#27
2,4-Dimethylphenol
Concen: 46.532 ng
RT: 9.631 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

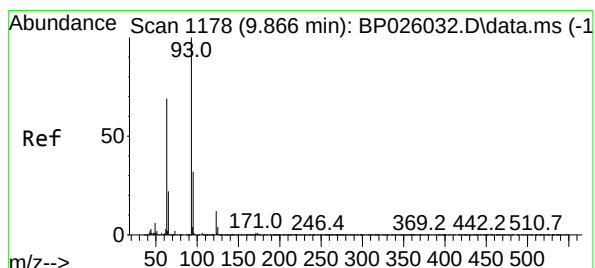
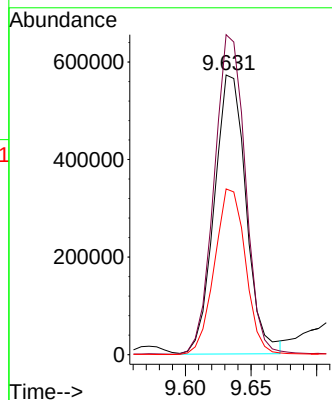
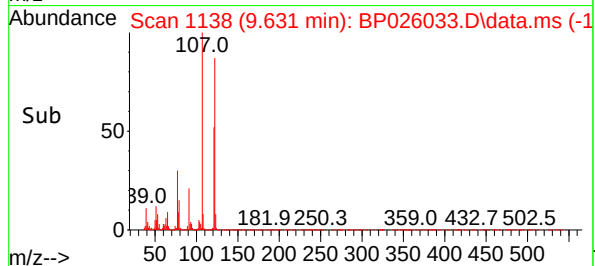
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:122 Resp: 966776
Ion Ratio Lower Upper
122 100
107 114.4 89.2 133.8
121 59.2 46.3 69.5

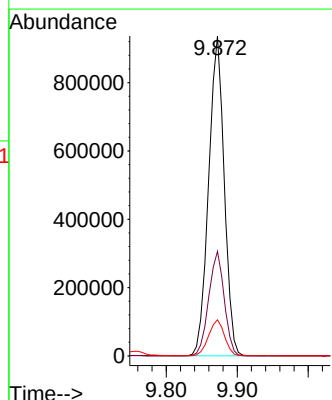
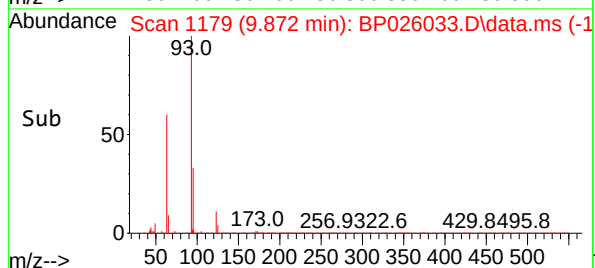
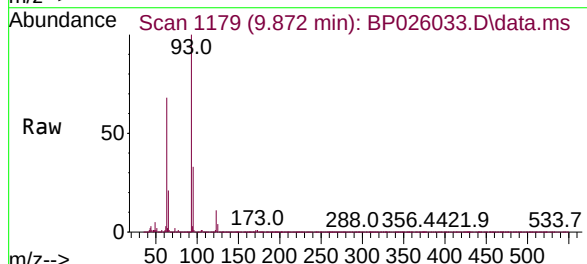
Manual Integrations
APPROVED

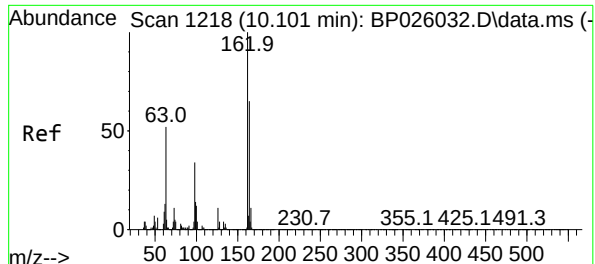
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.719 ng
RT: 9.872 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

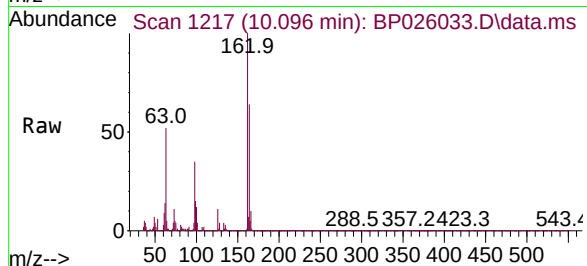
Tgt Ion: 93 Resp: 1423542
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.6
123 11.3 9.3 13.9





#29
2,4-Dichlorophenol
Concen: 47.877 ng
RT: 10.096 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

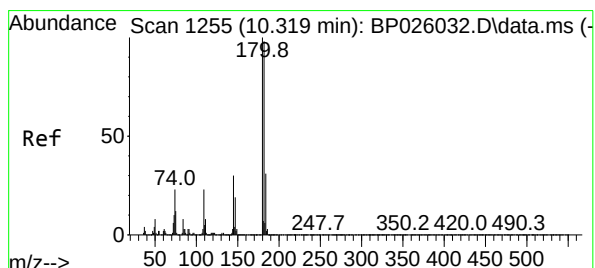
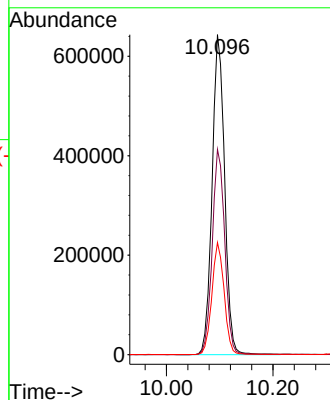
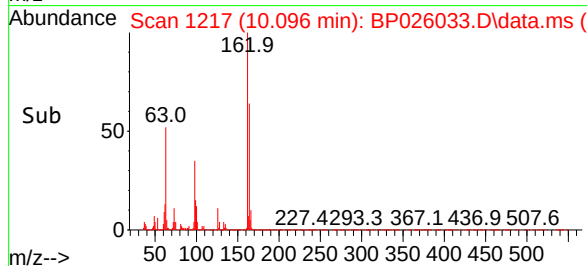
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:162 Resp: 105027
Ion Ratio Lower Upper
162 100
164 64.1 44.6 84.6
98 35.0 14.0 54.0

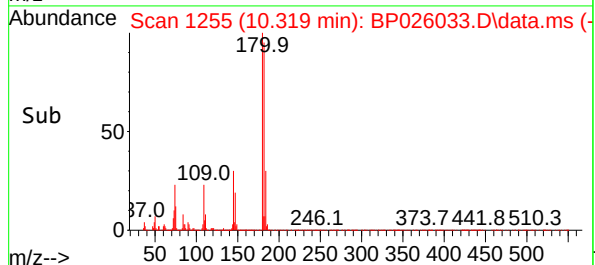
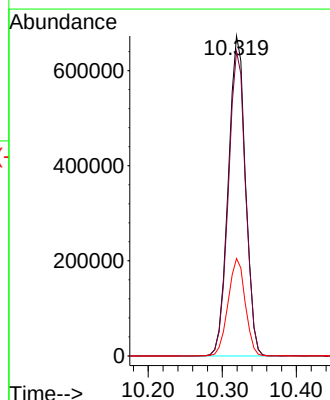
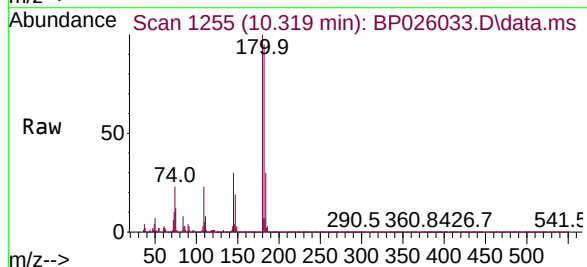
Manual Integrations
APPROVED

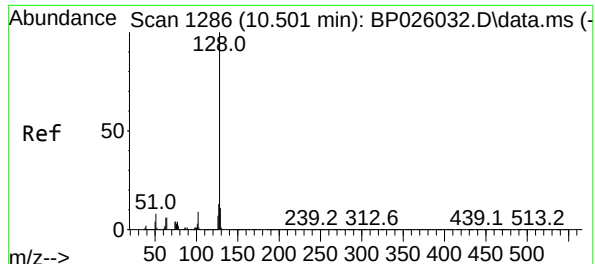
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#30
1,2,4-Trichlorobenzene
Concen: 45.408 ng
RT: 10.319 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

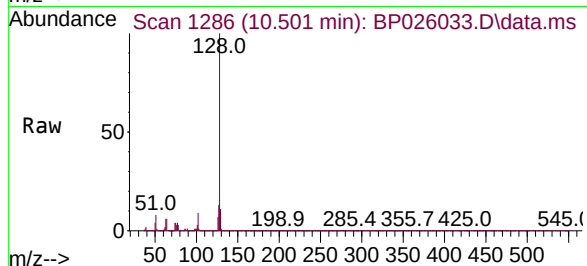
Tgt Ion:180 Resp: 1082702
Ion Ratio Lower Upper
180 100
182 95.2 78.6 117.8
145 30.4 24.2 36.4





#31
Naphthalene
Concen: 44.821 ng
RT: 10.501 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

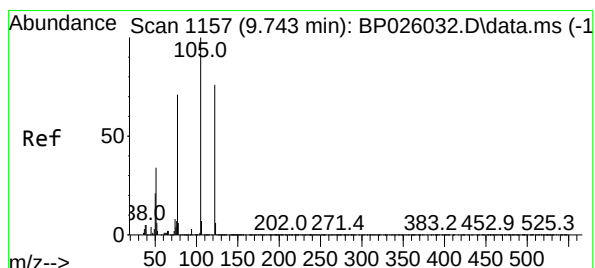
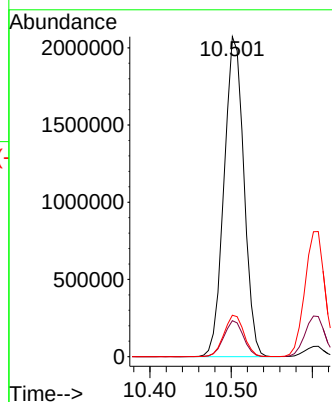
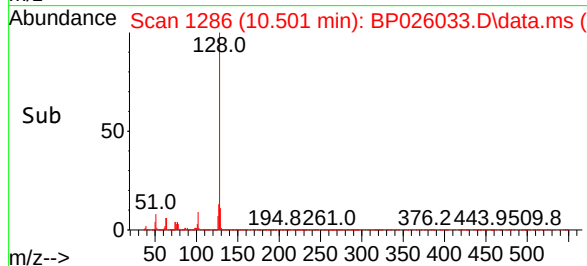
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 3517083
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.9 10.5 15.7

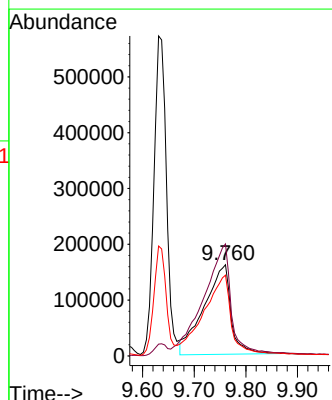
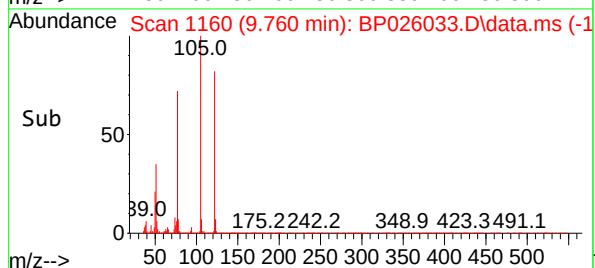
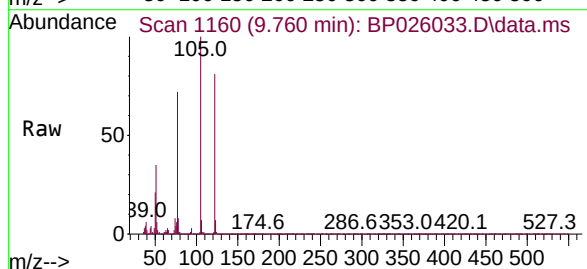
Manual Integrations
APPROVED

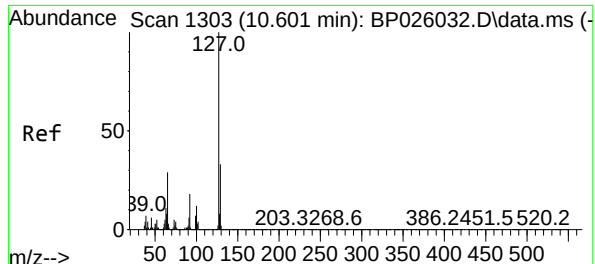
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#32
Benzoic acid
Concen: 46.816 ng
RT: 9.760 min Scan# 1160
Delta R.T. -0.018 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:122 Resp: 583423
Ion Ratio Lower Upper
122 100
105 122.7 104.8 144.8
77 88.6 70.9 110.9





#33

4-Chloroaniline

Concen: 45.768 ng

RT: 10.607 min Scan# 1303

Delta R.T. 0.012 min

Lab File: BP026033.D

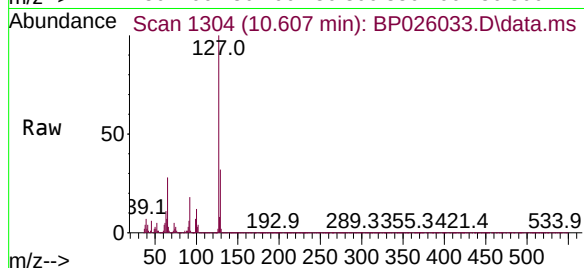
Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050



Tgt Ion:127 Resp: 1380084

Ion Ratio Lower Upper

127 100

129 32.1 26.0 39.0

65 28.2 23.2 34.8

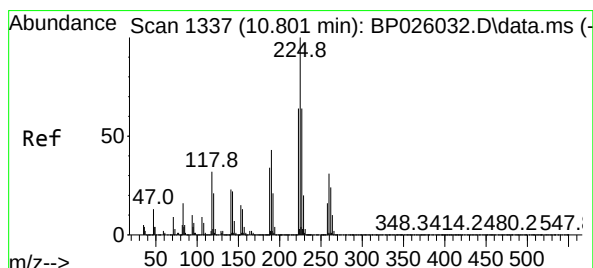
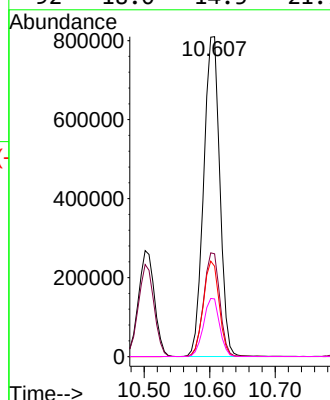
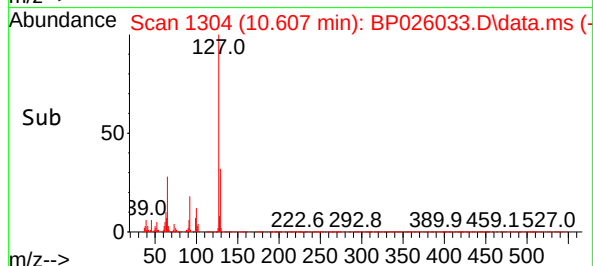
92 18.0 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#34

Hexachlorobutadiene

Concen: 45.101 ng

RT: 10.801 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

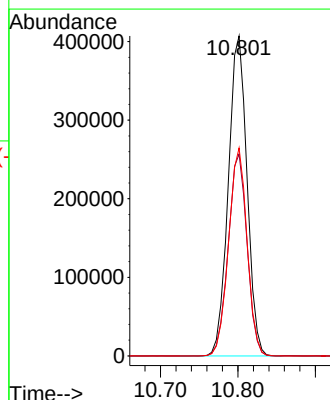
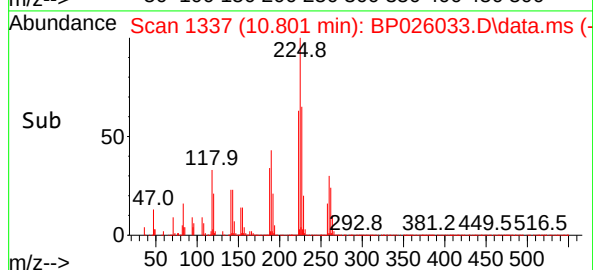
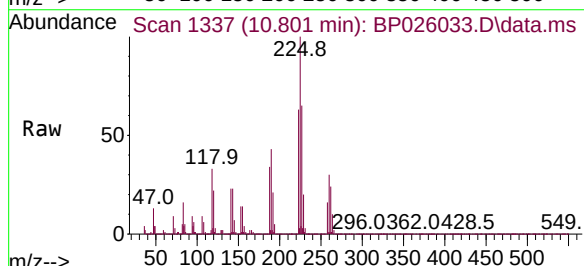
Tgt Ion:225 Resp: 683383

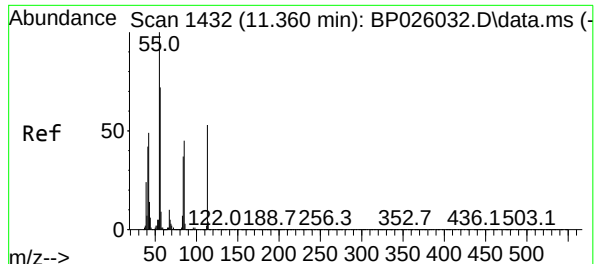
Ion Ratio Lower Upper

225 100

223 63.1 50.9 76.3

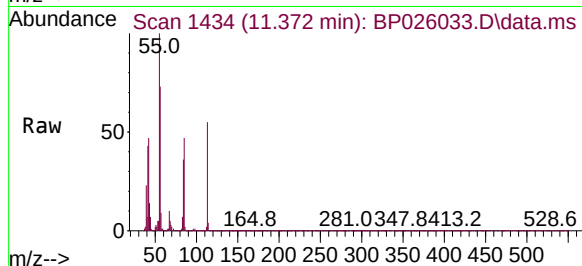
227 65.0 51.0 76.4





#35
Caprolactam
Concen: 46.253 ng
RT: 11.372 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

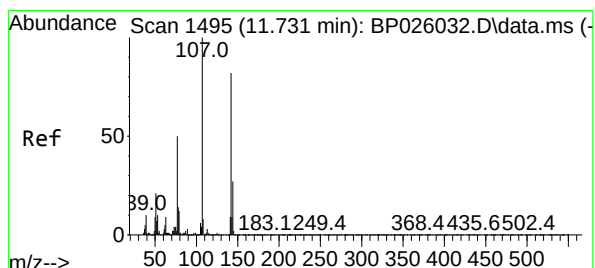
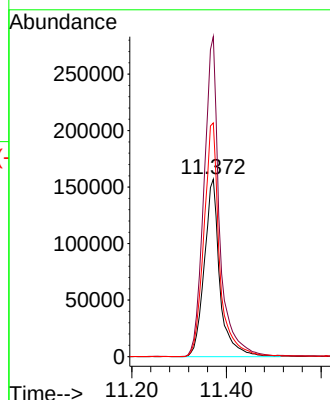
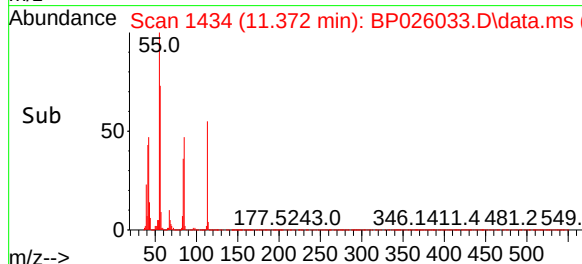
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:113 Resp: 356316
Ion Ratio Lower Upper
113 100
55 180.4 169.9 209.9
56 131.8 116.7 156.7

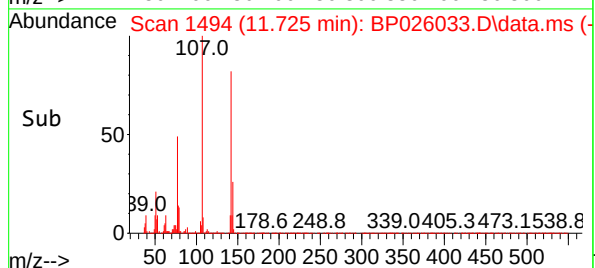
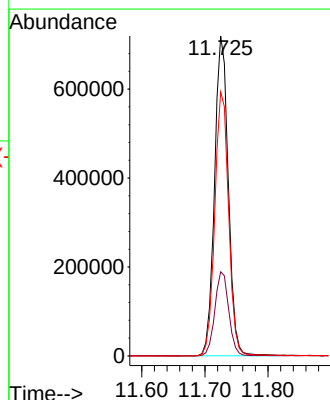
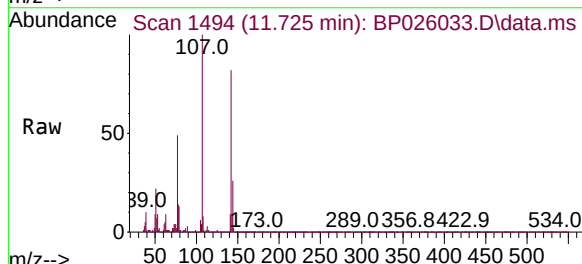
Manual Integrations
APPROVED

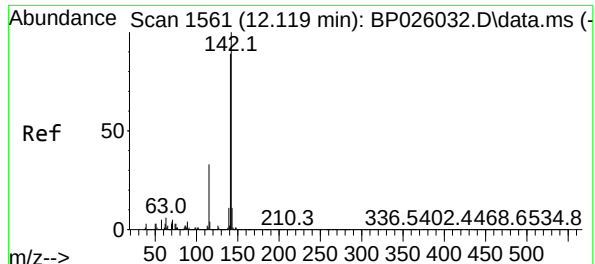
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#36
4-Chloro-3-methylphenol
Concen: 47.466 ng
RT: 11.725 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

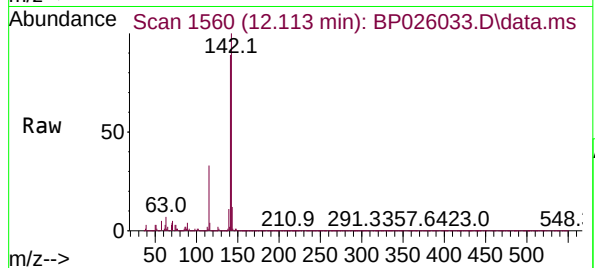
Tgt Ion:107 Resp: 1091555
Ion Ratio Lower Upper
107 100
144 26.3 21.3 31.9
142 82.5 65.2 97.8





#37
2-Methylnaphthalene
Concen: 45.460 ng
RT: 12.113 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

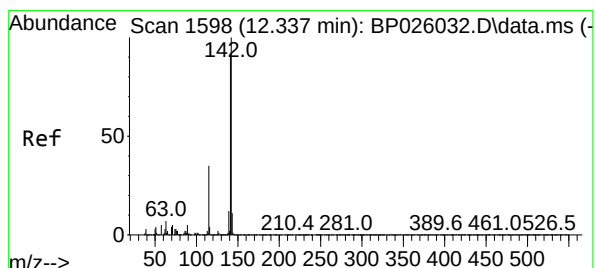
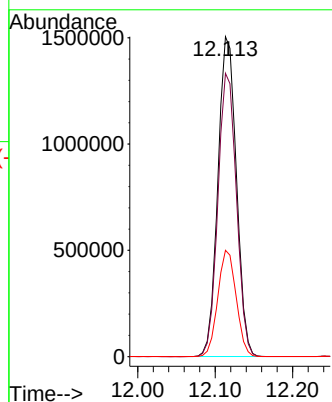
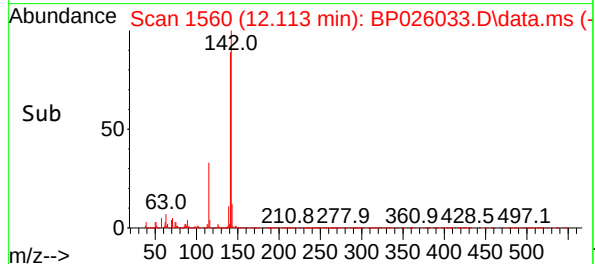
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:142 Resp: 2496690
Ion Ratio Lower Upper
142 100
141 88.5 71.6 107.4
115 33.2 26.6 39.8

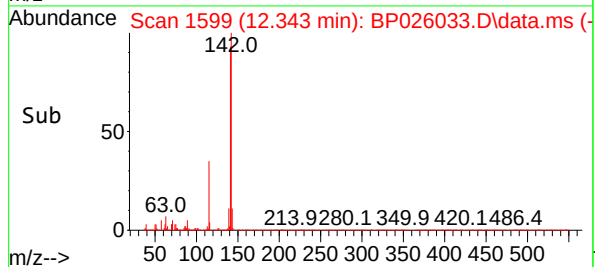
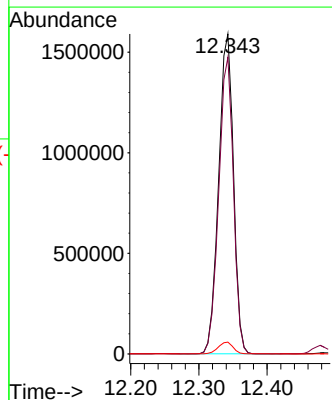
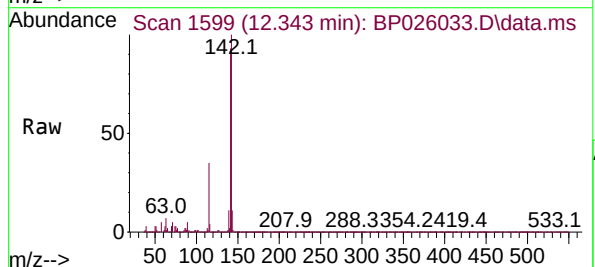
Manual Integrations
APPROVED

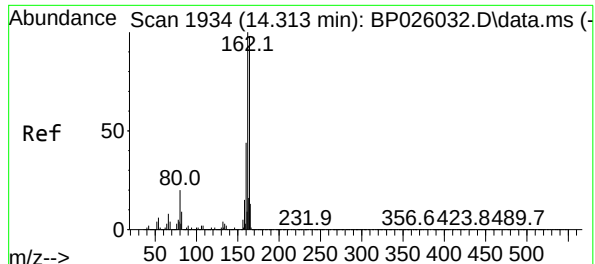
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#38
1-Methylnaphthalene
Concen: 44.696 ng
RT: 12.343 min Scan# 1599
Delta R.T. 0.007 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

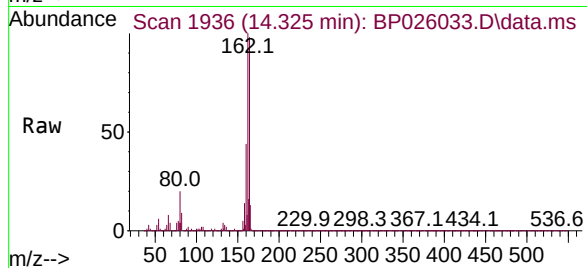
Tgt Ion:142 Resp: 2384802
Ion Ratio Lower Upper
142 100
141 92.7 72.7 109.1
116 3.7 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

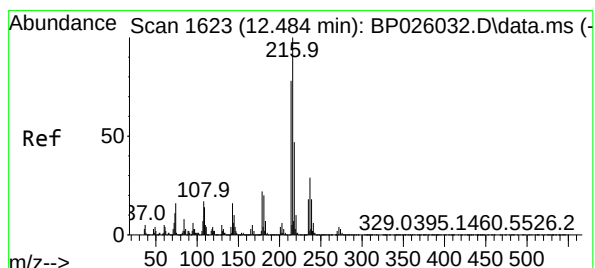
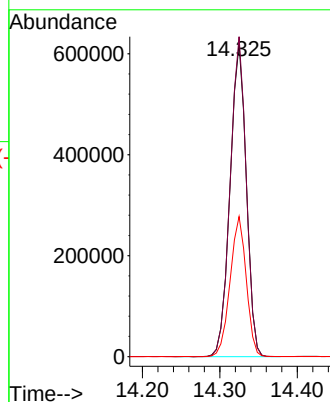
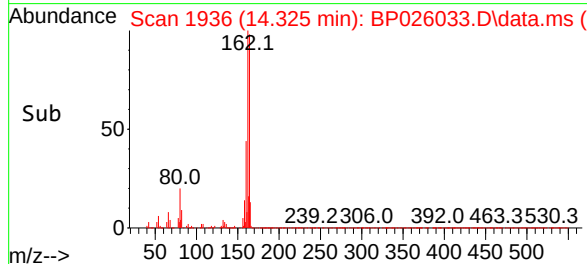
Instrument :
BNA_P
Client Sample Id :
SSTDICC050



Tgt Ion:164 Resp: 904273
Ion Ratio Lower Upper
164 100
162 102.4 81.5 122.3
160 44.8 36.2 54.4

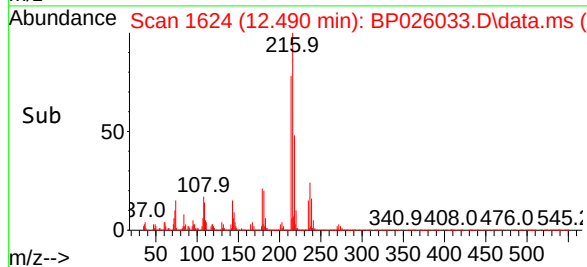
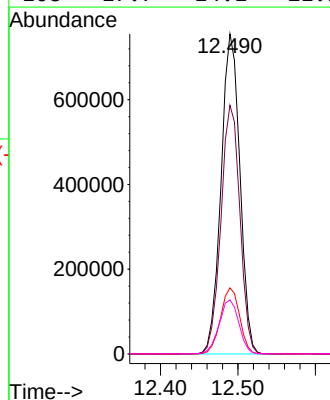
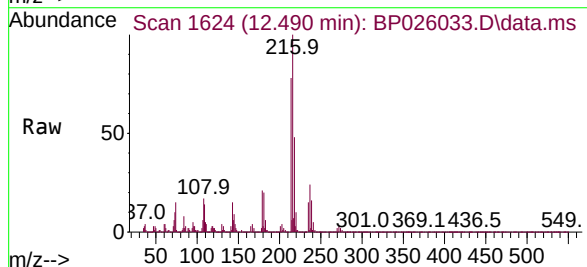
Manual Integrations
APPROVED

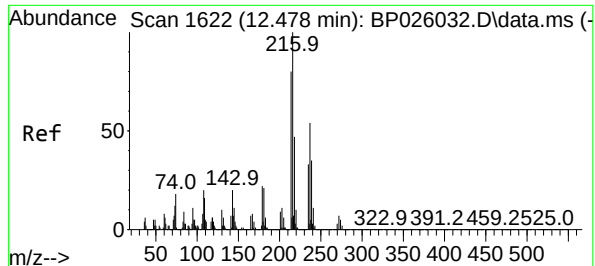
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.422 ng
RT: 12.490 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

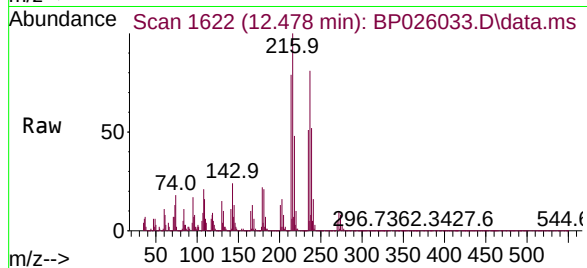
Tgt Ion:216 Resp: 1276225
Ion Ratio Lower Upper
216 100
214 78.1 62.9 94.3
179 20.8 16.9 25.3
108 17.7 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 47.892 ng
RT: 12.478 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

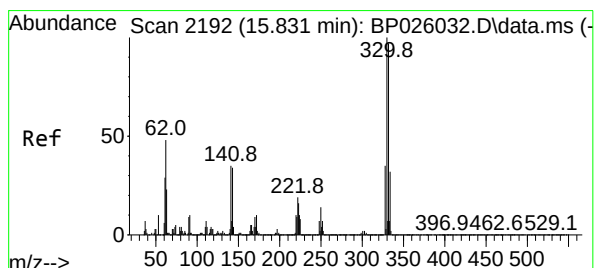
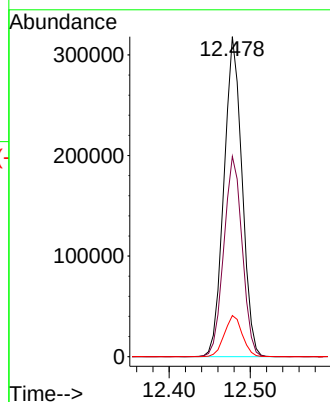
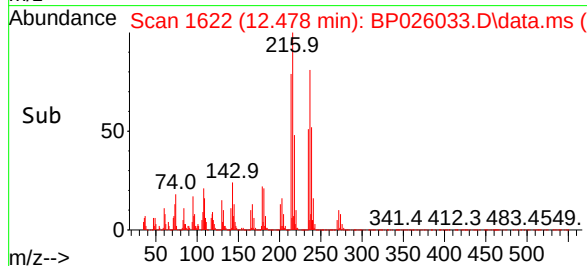
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



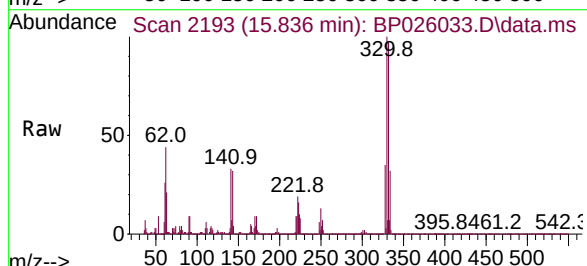
Tgt Ion: 237 Resp: 492338
Ion Ratio Lower Upper
237 100
235 62.6 40.4 80.4
272 12.8 0.0 32.2

Manual Integrations
APPROVED

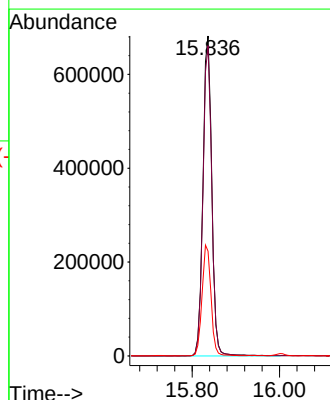
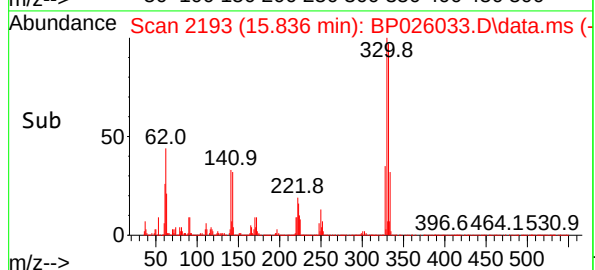
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

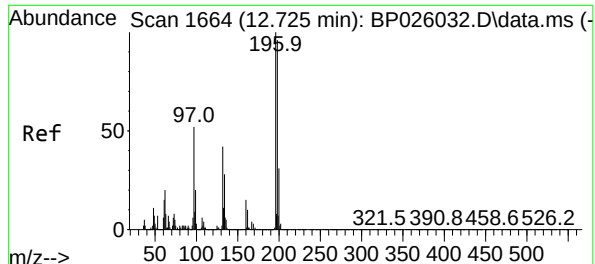


#42
2,4,6-Tribromophenol
Concen: 96.828 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51



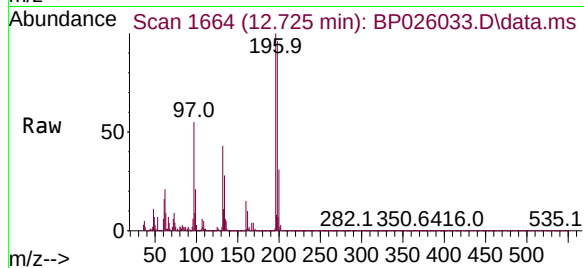
Tgt Ion: 330 Resp: 946601
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 35.2 28.6 42.8





#43
2,4,6-Trichlorophenol
Concen: 49.033 ng
RT: 12.725 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

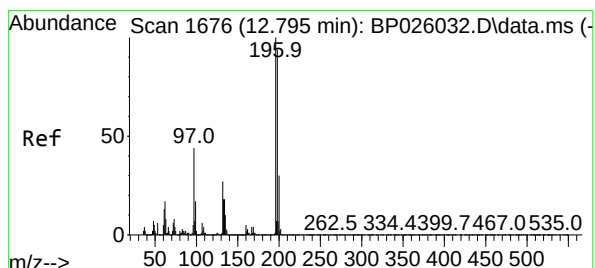
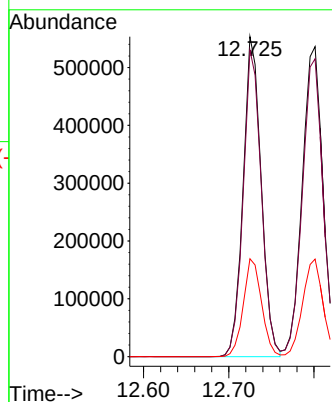
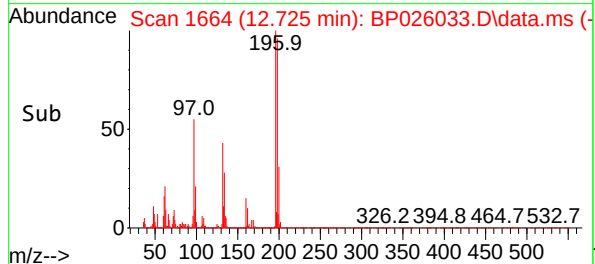
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:196 Resp: 814315
Ion Ratio Lower Upper
196 100
198 95.8 76.5 114.7
200 30.6 24.4 36.6

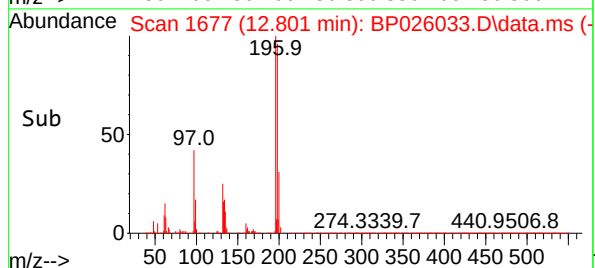
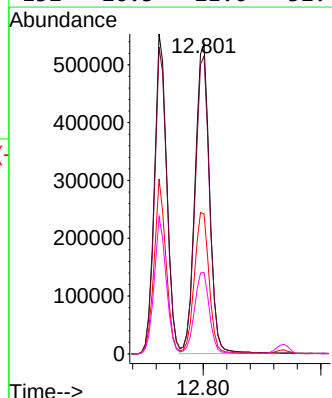
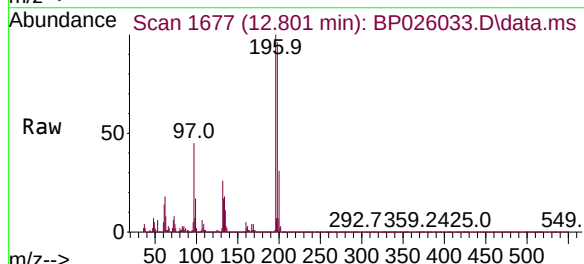
Manual Integrations
APPROVED

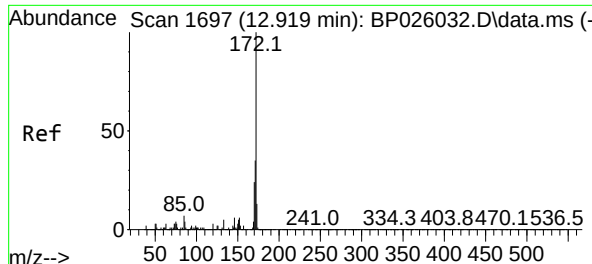
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#44
2,4,5-Trichlorophenol
Concen: 48.327 ng
RT: 12.801 min Scan# 1677
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

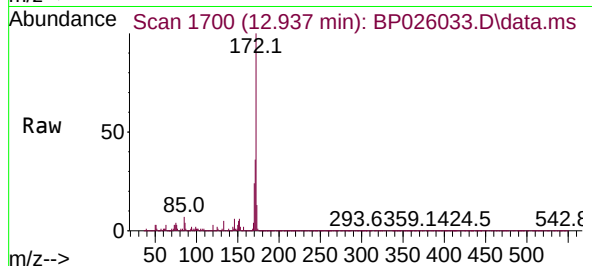
Tgt Ion:196 Resp: 915816
Ion Ratio Lower Upper
196 100
198 96.1 75.1 112.7
97 45.2 35.5 53.3
132 26.3 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 88.427 ng
RT: 12.937 min Scan# 1700
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

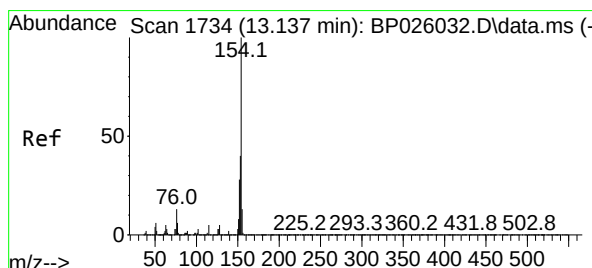
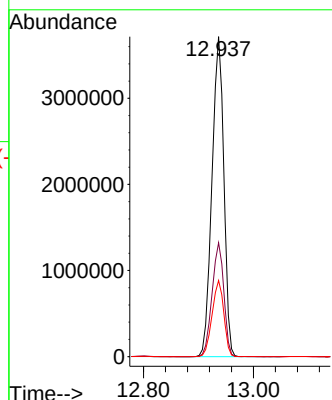
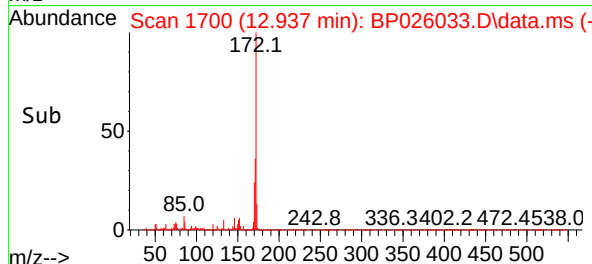
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:172 Resp: 5564834
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.8 19.0 28.4

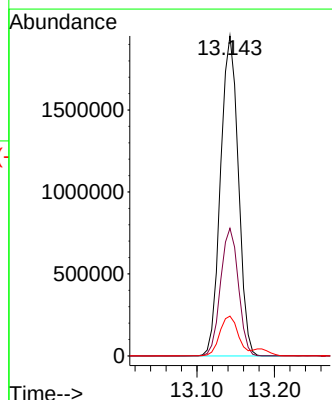
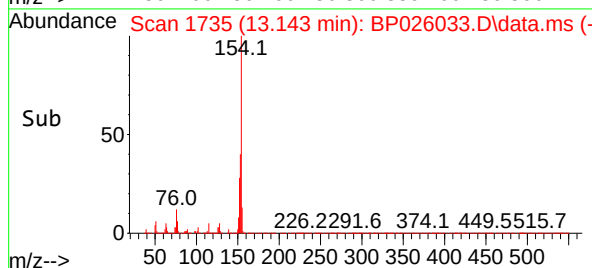
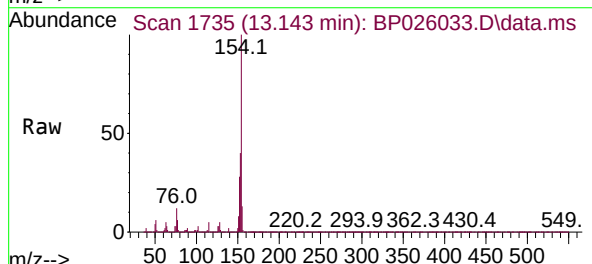
Manual Integrations
APPROVED

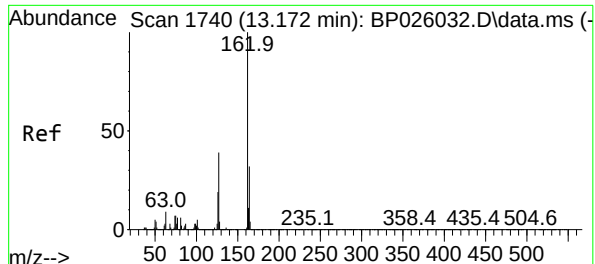
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#46
1,1'-Biphenyl
Concen: 44.979 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

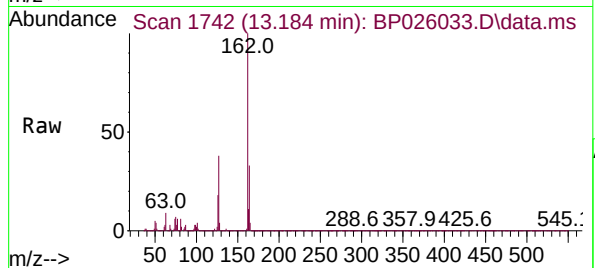
Tgt Ion:154 Resp: 3114348
Ion Ratio Lower Upper
154 100
153 39.9 20.2 60.2
76 12.4 0.0 32.8





#47
2-Chloronaphthalene
Concen: 45.251 ng
RT: 13.184 min Scan# 1742
Delta R.T. 0.012 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

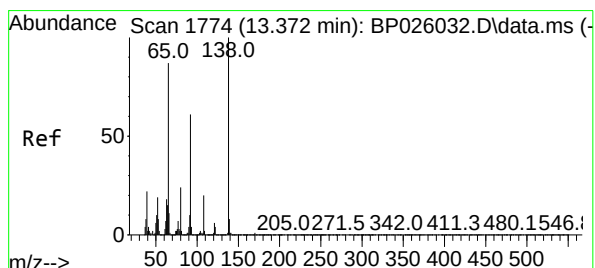
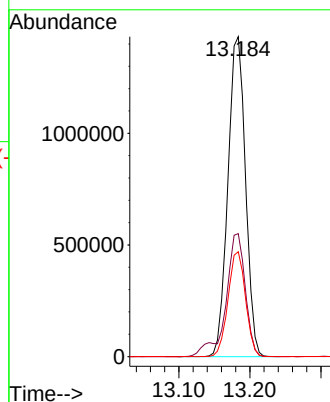
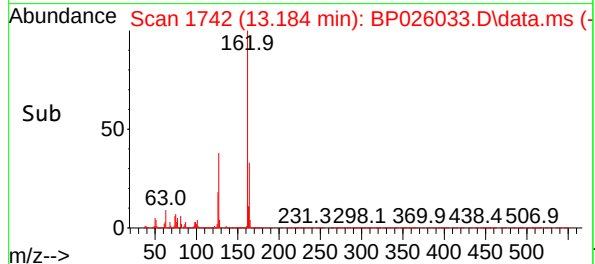
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



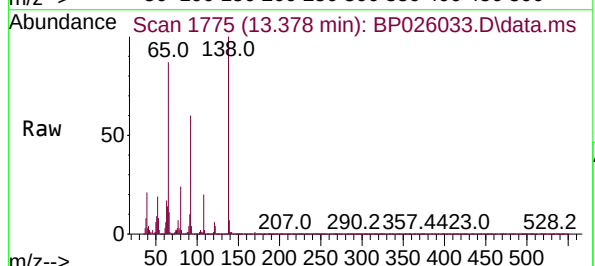
Tgt Ion:162 Resp: 2465203
Ion Ratio Lower Upper
162 100
127 38.4 31.4 47.2
164 32.8 25.9 38.9

Manual Integrations
APPROVED

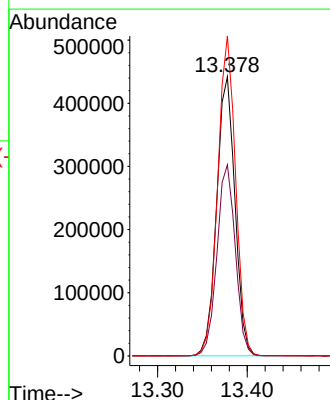
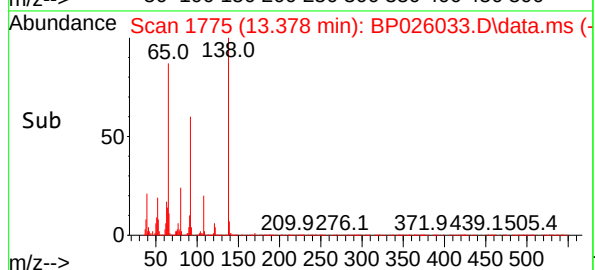
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

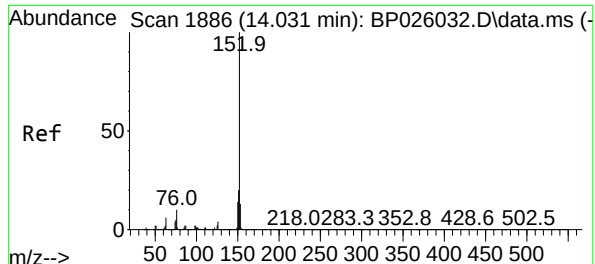


#48
2-Nitroaniline
Concen: 45.673 ng
RT: 13.378 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51



Tgt Ion: 65 Resp: 626496
Ion Ratio Lower Upper
65 100
92 68.5 55.5 83.3
138 114.6 91.7 137.5





#49

Acenaphthylene

Concen: 46.069 ng

RT: 14.037 min Scan# 1886

Delta R.T. 0.001 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:152 Resp: 3657970

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

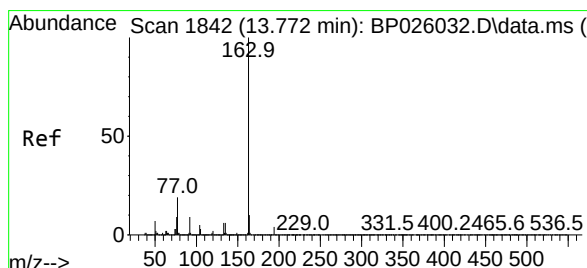
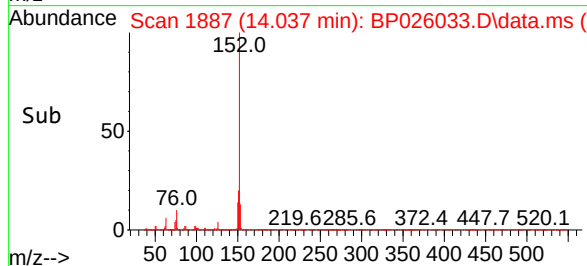
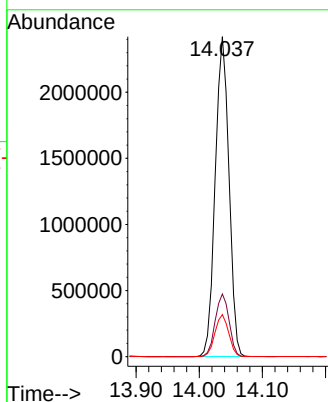
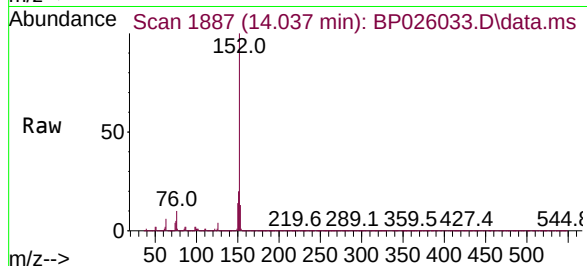
153 13.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#50

Dimethylphthalate

Concen: 45.465 ng

RT: 13.772 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

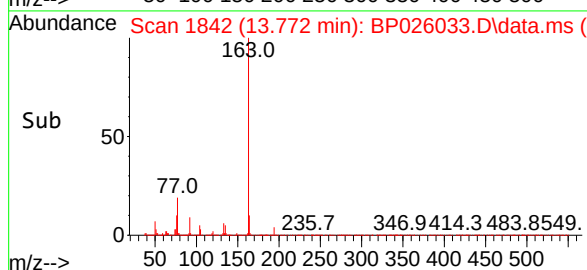
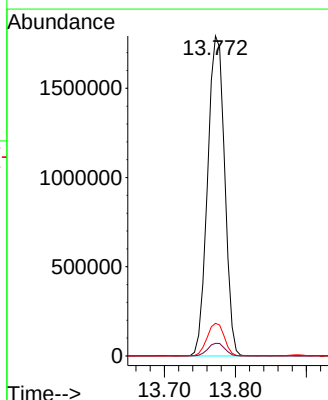
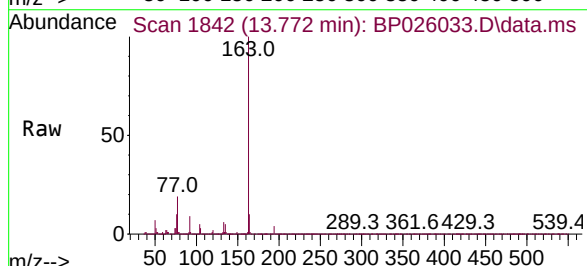
Tgt Ion:163 Resp: 2990506

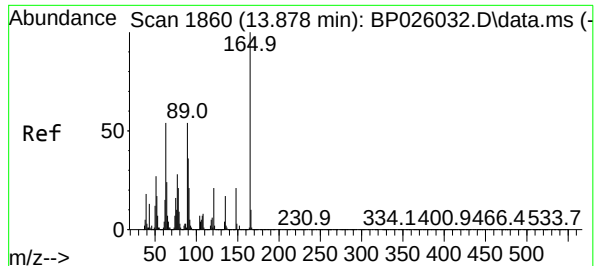
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

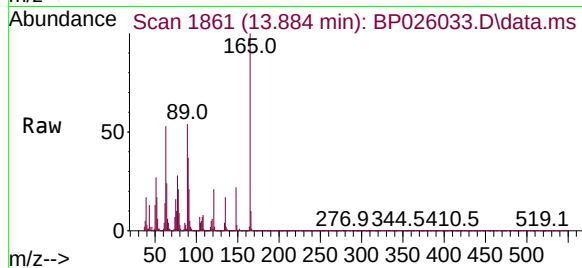
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.947 ng
RT: 13.884 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

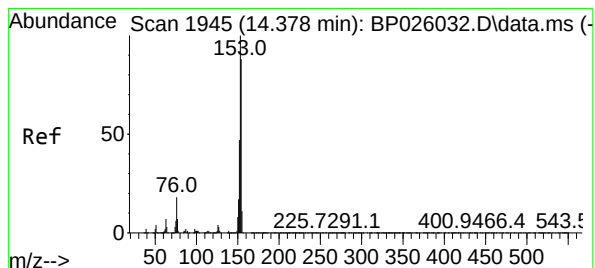
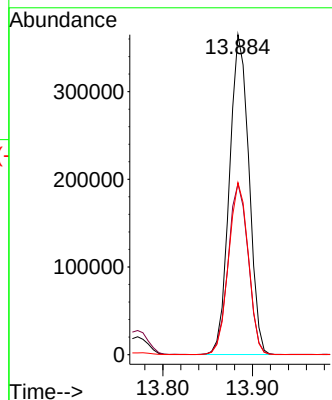
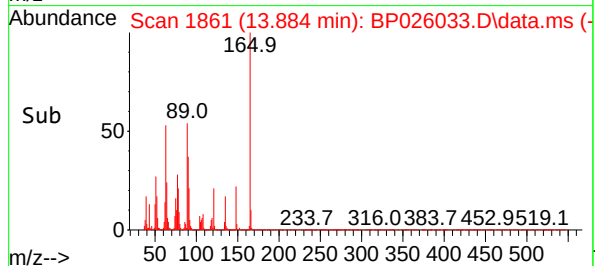
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



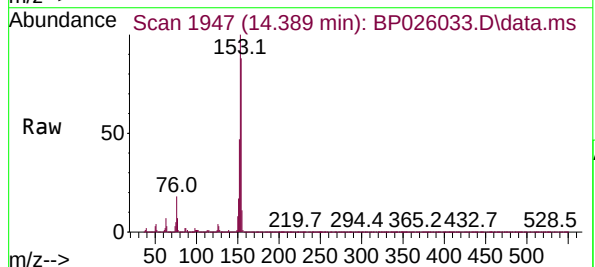
Tgt Ion:165 Resp: 554294
Ion Ratio Lower Upper
165 100
63 53.4 43.0 64.4
89 53.7 43.0 64.4

Manual Integrations
APPROVED

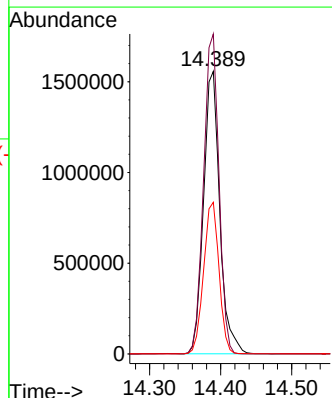
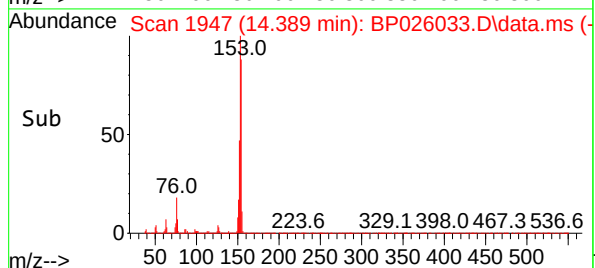
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

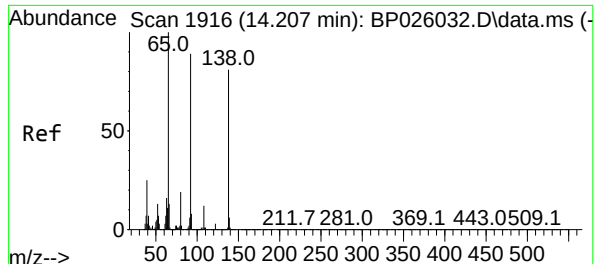


#52
Acenaphthene
Concen: 45.148 ng
RT: 14.389 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51



Tgt Ion:154 Resp: 2461012
Ion Ratio Lower Upper
154 100
153 113.2 91.0 136.4
152 53.7 42.7 64.1





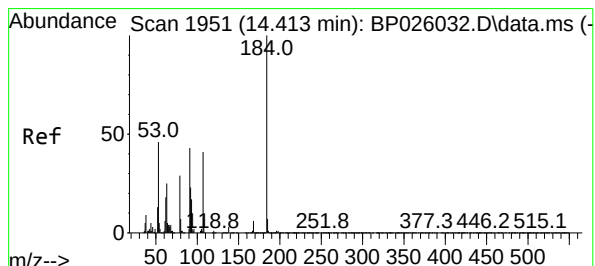
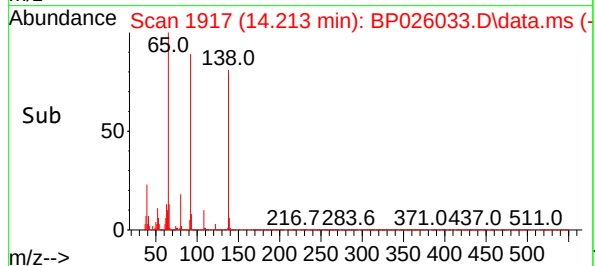
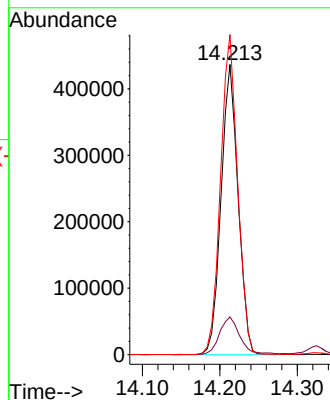
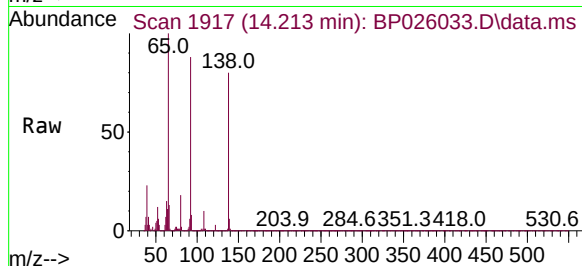
#53
3-Nitroaniline
Concen: 45.125 ng
RT: 14.213 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 666202
Ion Ratio Lower Upper
138 100
108 13.0 11.4 17.0
92 110.3 87.1 130.7

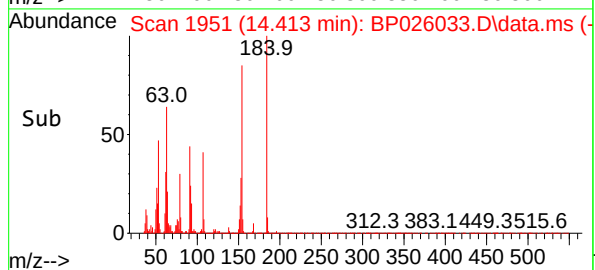
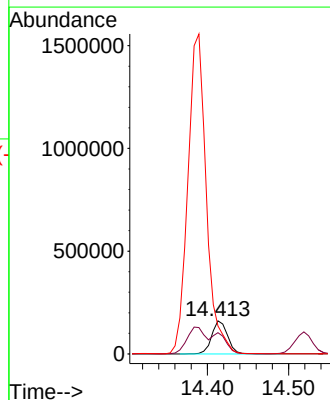
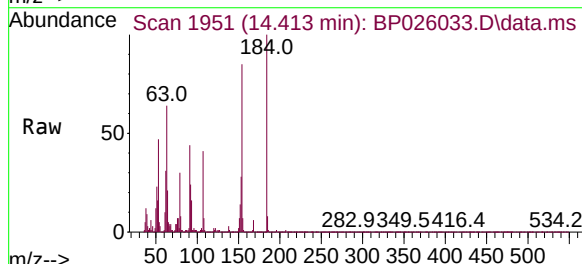
Manual Integrations
APPROVED

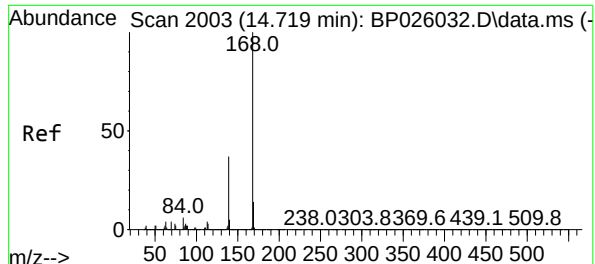
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#54
2,4-Dinitrophenol
Concen: 46.408 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:184 Resp: 217265
Ion Ratio Lower Upper
184 100
63 63.9 49.0 73.4
154 84.5 51.0 76.6#





#55

Dibenzenofuran

Concen: 44.295 ng

RT: 14.725 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:168 Resp: 3647999

Ion Ratio Lower Upper

168 100

139 38.3 29.7 44.5

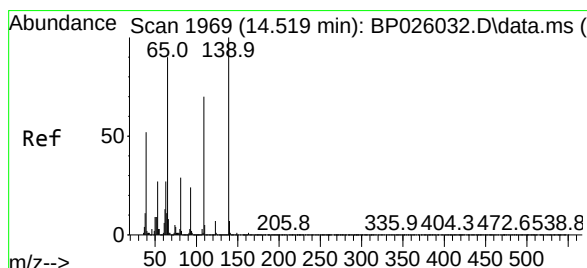
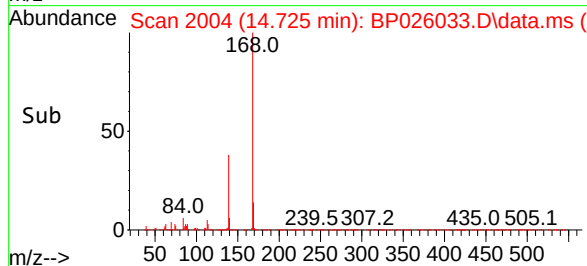
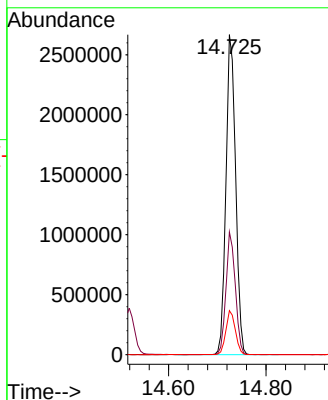
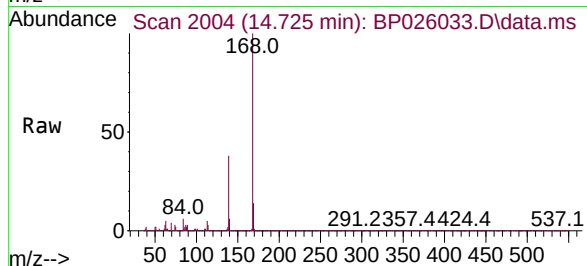
169 13.7 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#56

4-Nitrophenol

Concen: 44.465 ng

RT: 14.519 min Scan# 1969

Delta R.T. -0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

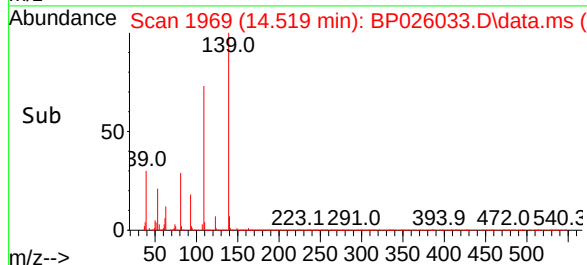
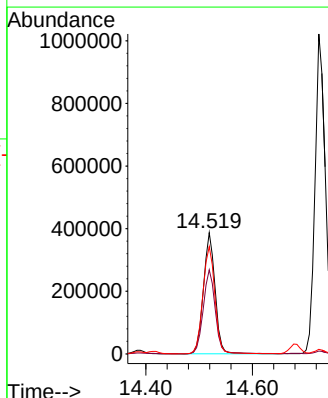
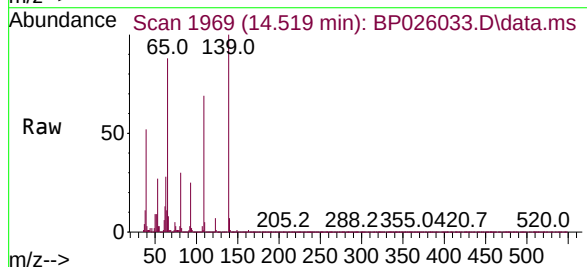
Tgt Ion:139 Resp: 583197

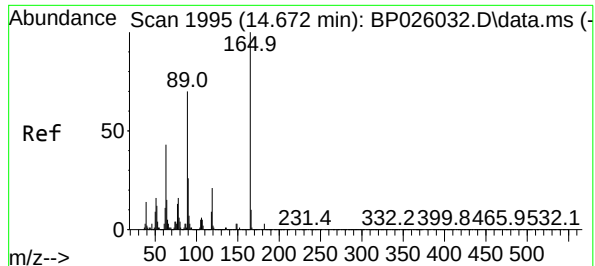
Ion Ratio Lower Upper

139 100

109 69.4 50.0 90.0

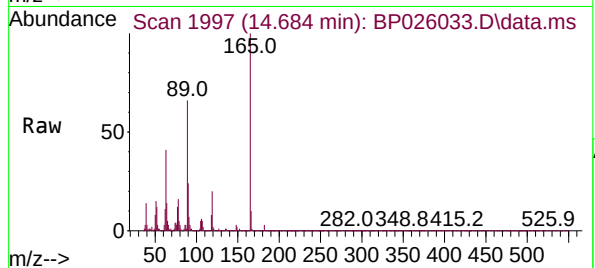
65 88.5 69.6 109.6





#57
2,4-Dinitrotoluene
Concen: 46.376 ng
RT: 14.684 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

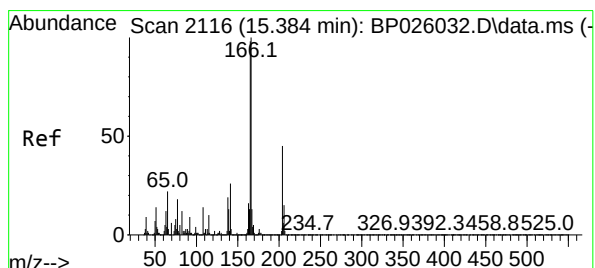
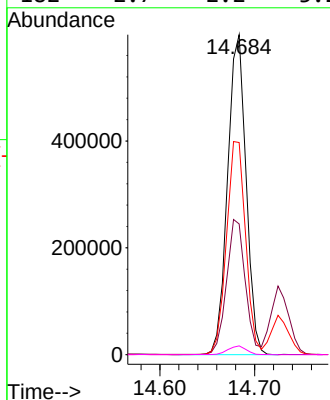
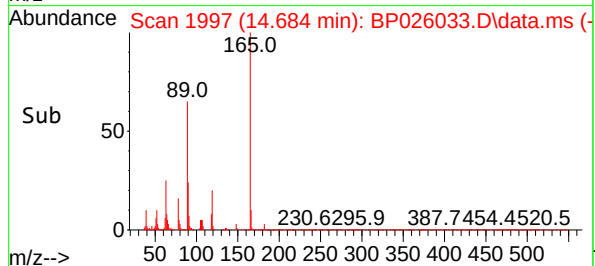
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 812960
Ion Ratio Lower Upper
165 100
63 40.8 34.2 51.2
89 66.3 56.0 84.0
182 2.7 2.2 3.2

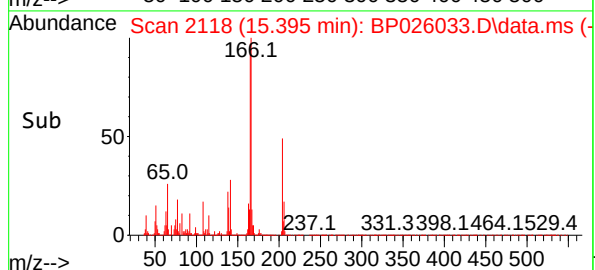
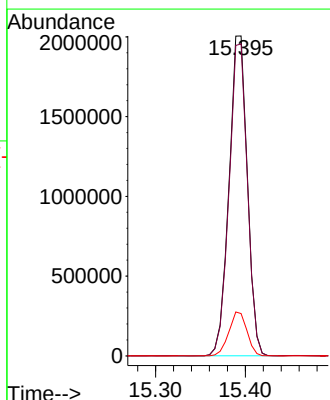
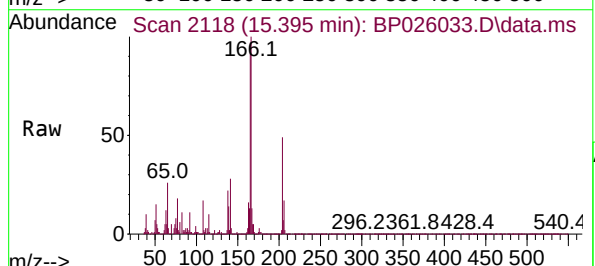
Manual Integrations
APPROVED

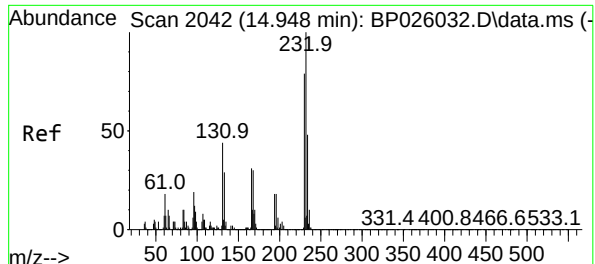
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#58
Fluorene
Concen: 44.149 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.012 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:166 Resp: 2848597
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.2 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.733 ng

RT: 14.960 min Scan# 2044

Delta R.T. 0.006 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:232 Resp: 74100

Ion Ratio Lower Upper

232 100

131 44.1 35.2 52.8

130 2.3 1.7 2.5

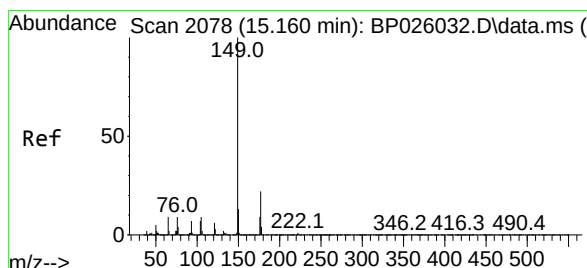
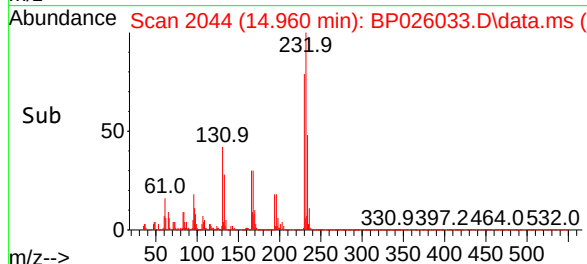
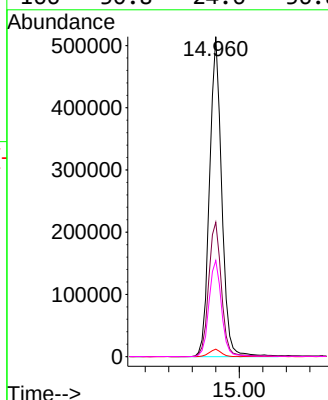
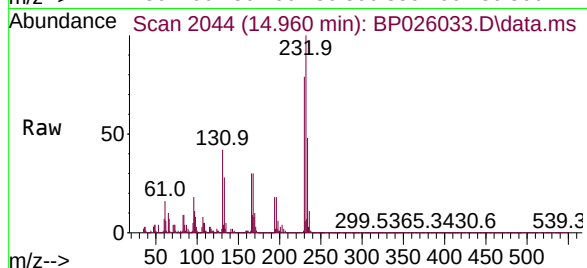
166 30.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#60

Diethylphthalate

Concen: 46.159 ng

RT: 15.178 min Scan# 2081

Delta R.T. 0.012 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

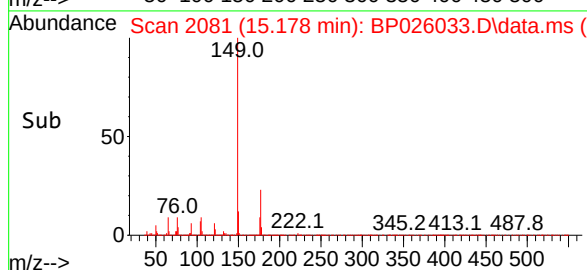
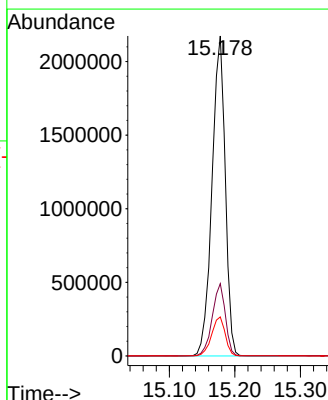
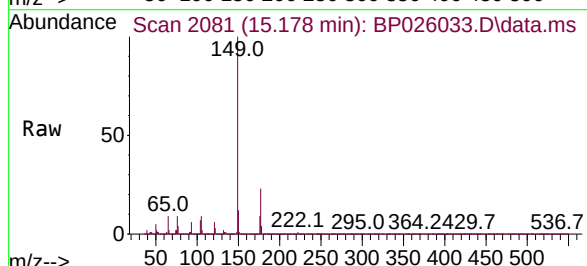
Tgt Ion:149 Resp: 3052331

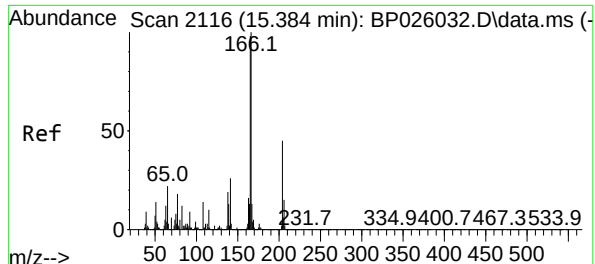
Ion Ratio Lower Upper

149 100

177 22.6 17.9 26.9

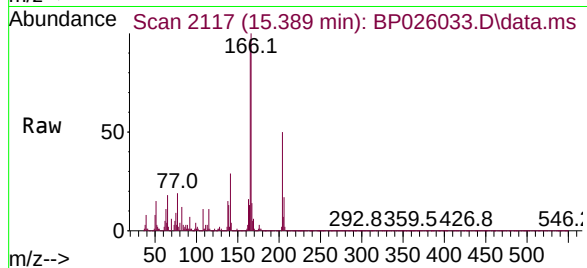
150 12.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.714 ng
RT: 15.389 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

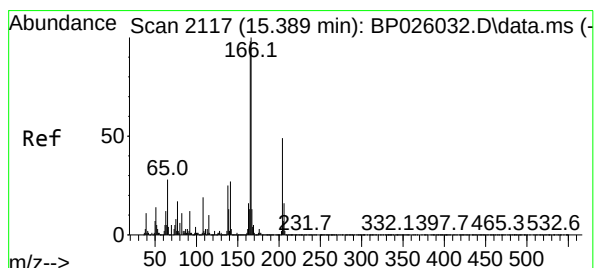
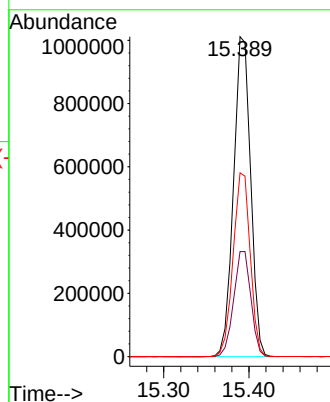
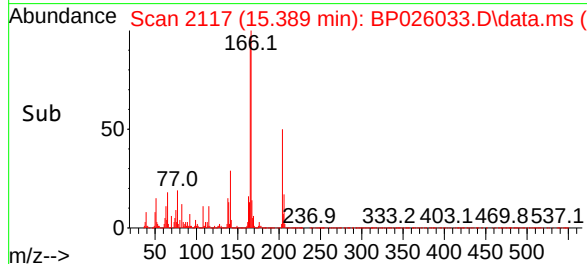
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:204 Resp: 140851
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 57.4 47.0 70.4

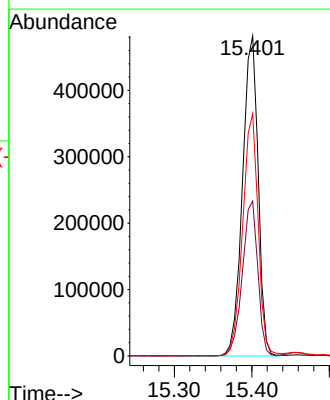
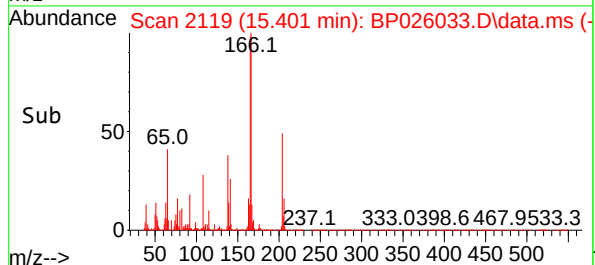
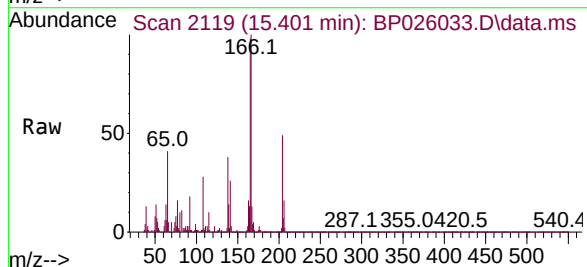
Manual Integrations
APPROVED

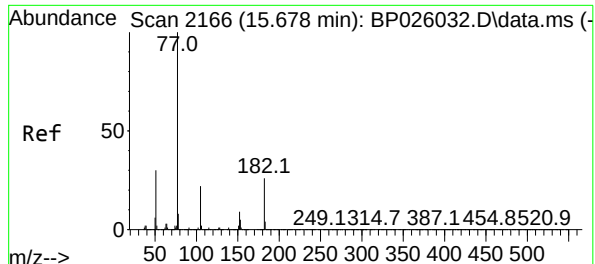
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#62
4-Nitroaniline
Concen: 47.907 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

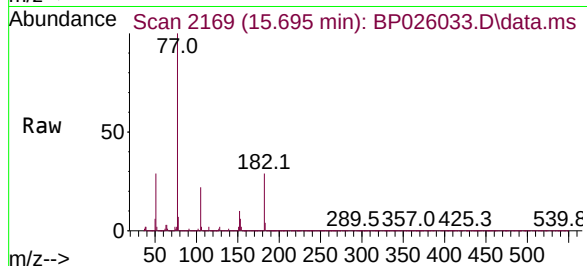
Tgt Ion:138 Resp: 673347
Ion Ratio Lower Upper
138 100
92 48.4 28.2 68.2
108 75.7 56.0 96.0





#63
Azobenzene
Concen: 44.816 ng
RT: 15.695 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

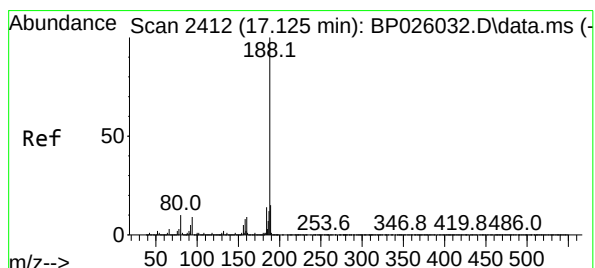
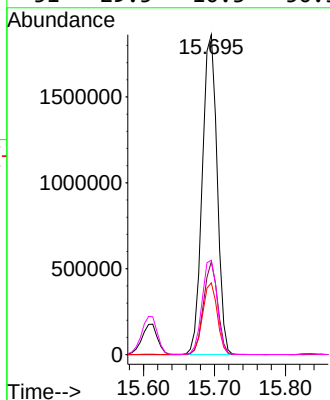
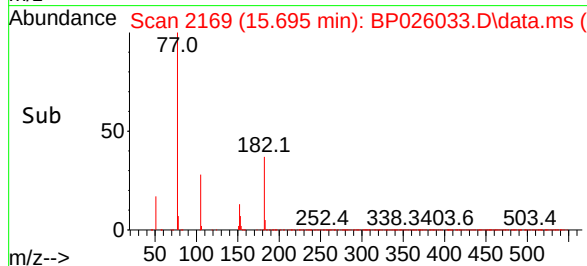
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 268582
Ion Ratio Lower Upper
77 100
182 29.0 6.4 46.4
105 22.5 2.2 42.2
51 29.5 10.3 50.3

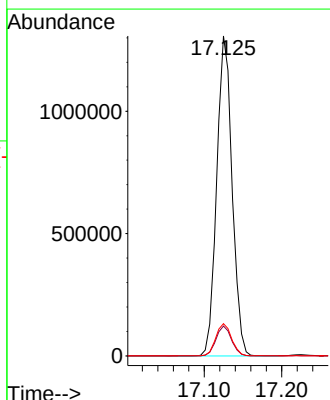
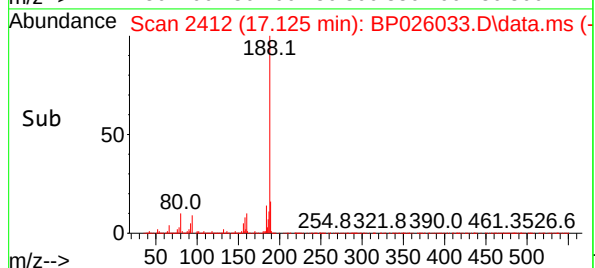
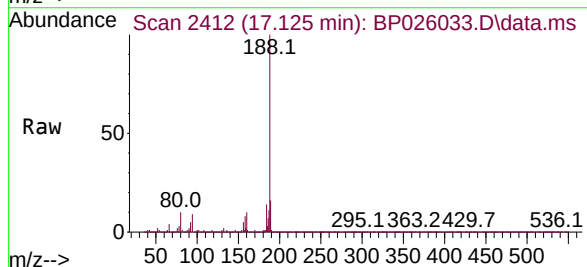
Manual Integrations
APPROVED

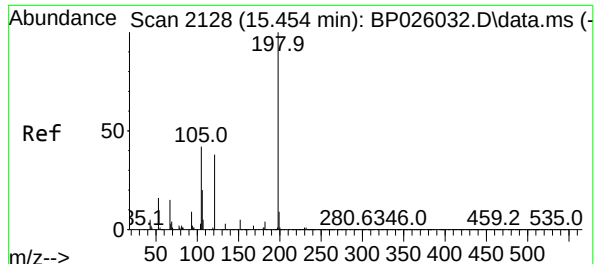
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

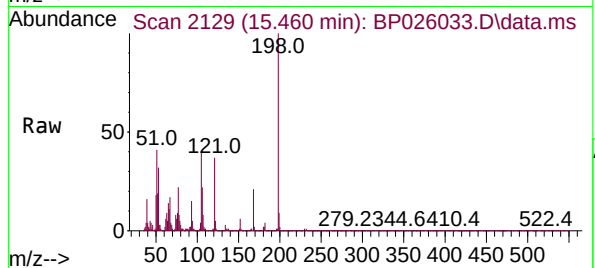
Tgt Ion:188 Resp: 1803155
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 10.1 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 46.617 ng
RT: 15.460 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

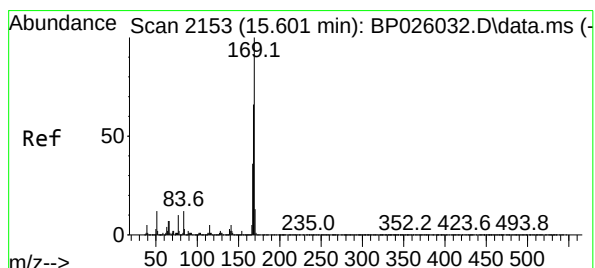
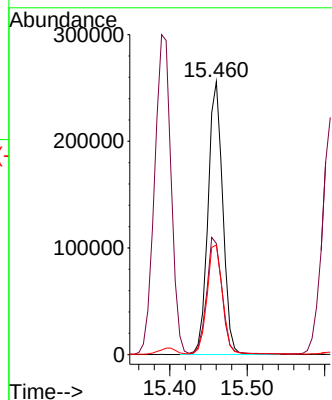
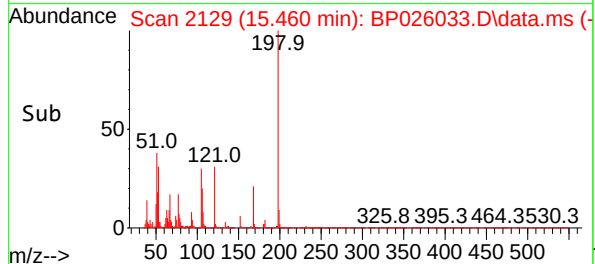
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 336876
Ion Ratio Lower Upper
198 100
51 40.7 25.2 65.2
105 40.1 23.7 63.7

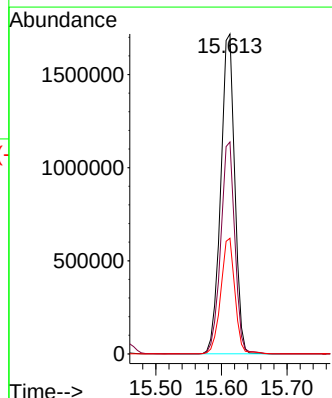
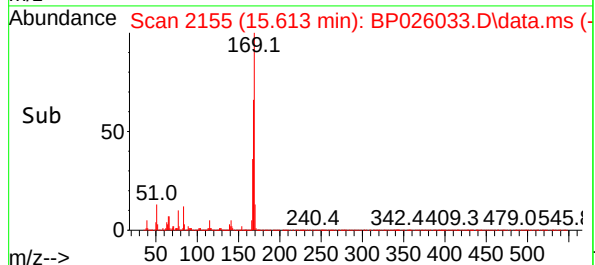
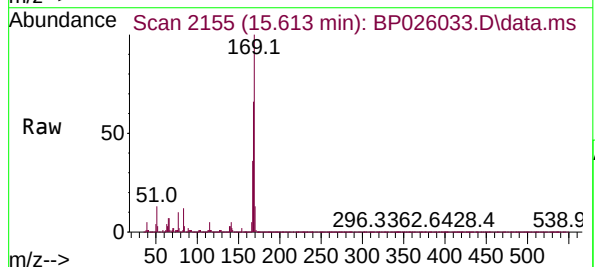
Manual Integrations
APPROVED

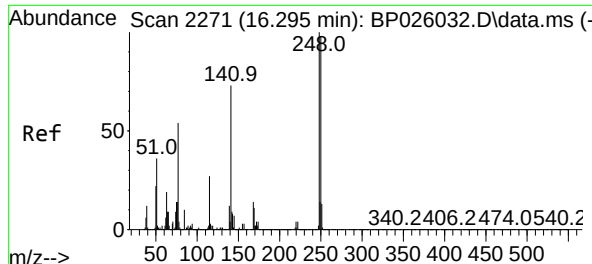
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#66
n-Nitrosodiphenylamine
Concen: 45.350 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.012 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:169 Resp: 2556770
Ion Ratio Lower Upper
169 100
168 66.2 52.9 79.3
167 36.1 28.9 43.3





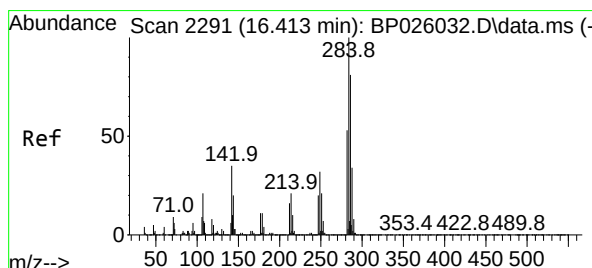
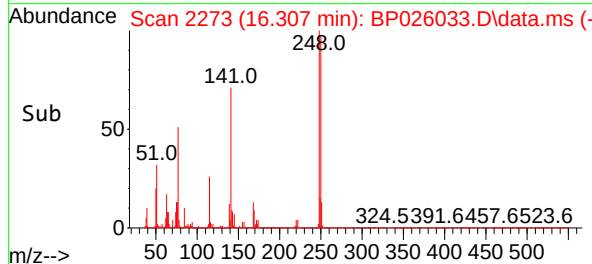
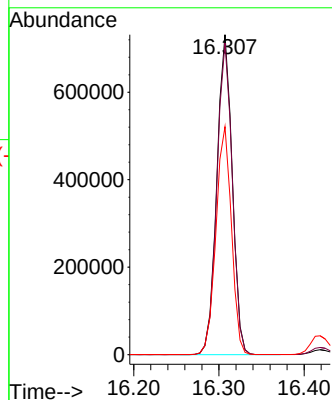
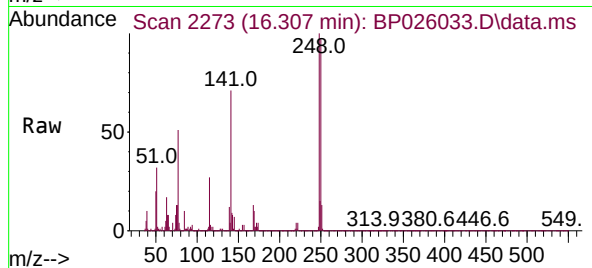
#67
4-Bromophenyl-phenylether
Concen: 45.926 ng
RT: 16.307 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 91858
Ion Ratio Lower Upper
248 100
250 97.4 78.4 117.6
141 71.2 58.3 87.5

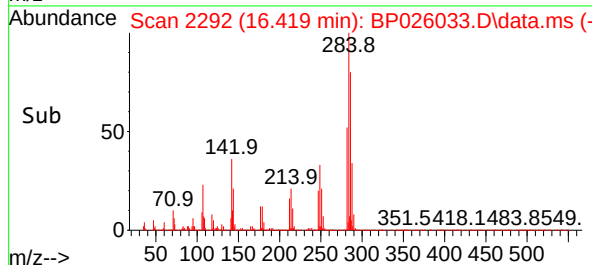
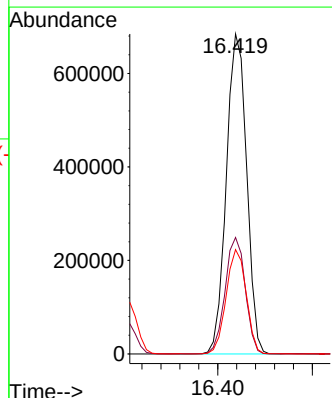
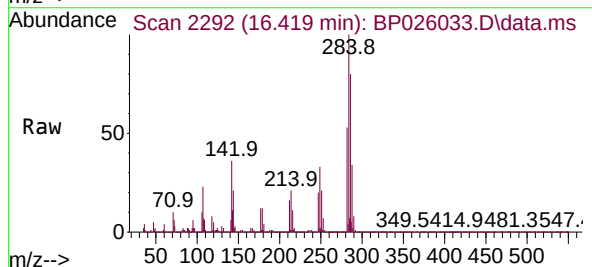
Manual Integrations
APPROVED

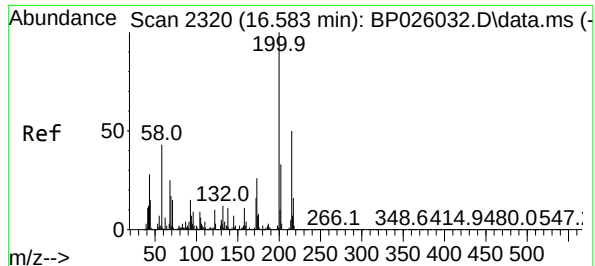
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#68
Hexachlorobenzene
Concen: 44.671 ng
RT: 16.419 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

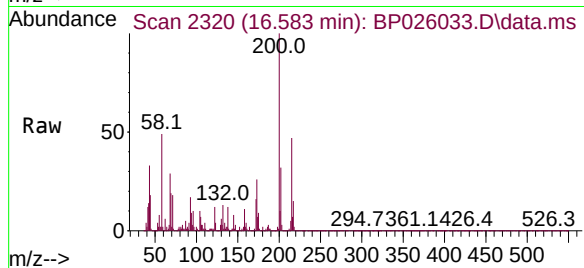
Tgt Ion:284 Resp: 1017148
Ion Ratio Lower Upper
284 100
142 36.4 27.7 41.5
249 32.6 25.5 38.3





#69
Atrazine
Concen: 45.648 ng
RT: 16.583 min Scan# 2320
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

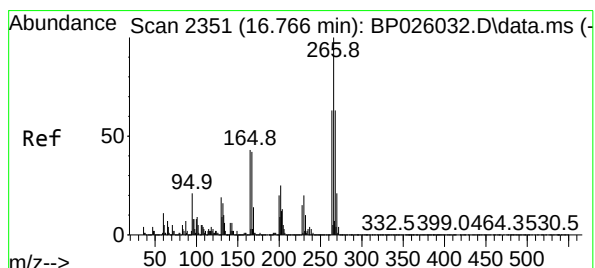
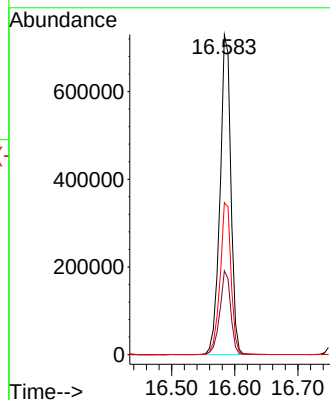
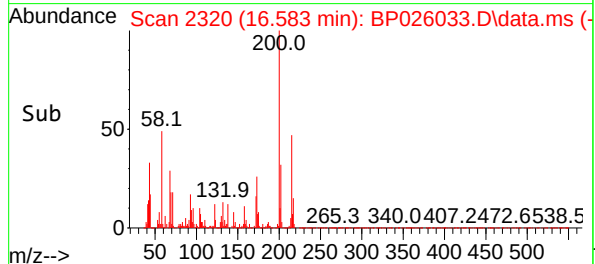
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:200 Resp: 868165
Ion Ratio Lower Upper
200 100
173 26.2 6.2 46.2
215 47.5 29.8 69.8

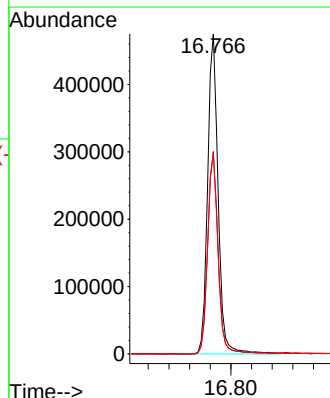
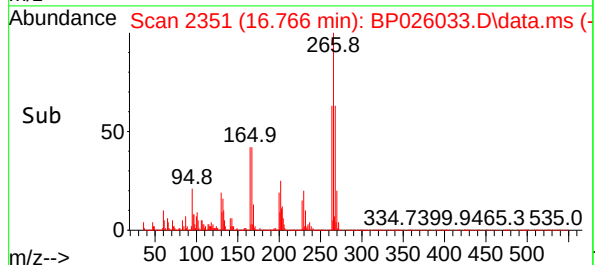
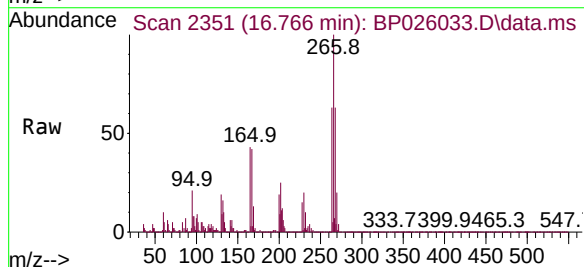
Manual Integrations
APPROVED

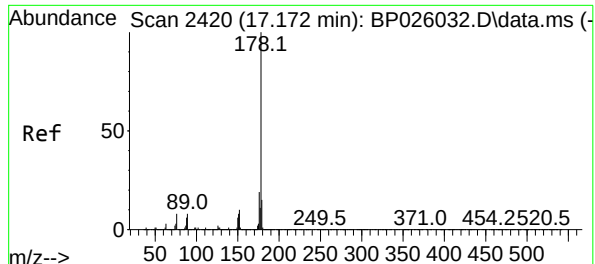
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#70
Pentachlorophenol
Concen: 48.009 ng
RT: 16.766 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

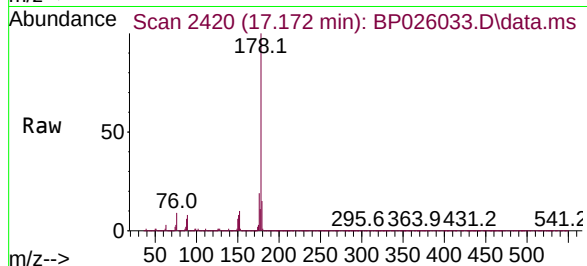
Tgt Ion:266 Resp: 667717
Ion Ratio Lower Upper
266 100
268 63.2 50.6 76.0
264 62.6 50.2 75.4





#71
Phenanthrene
Concen: 44.270 ng
RT: 17.172 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

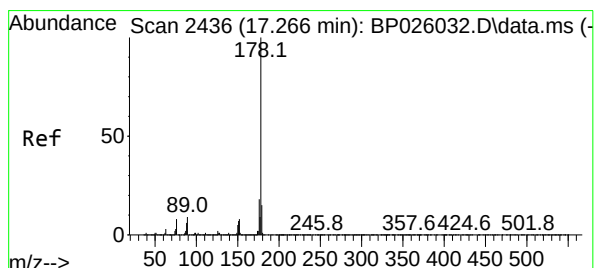
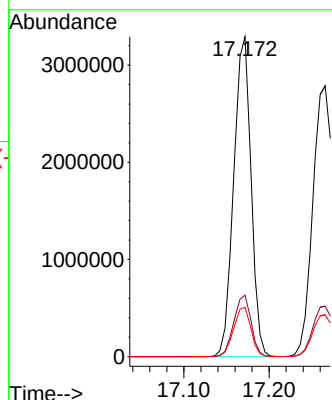
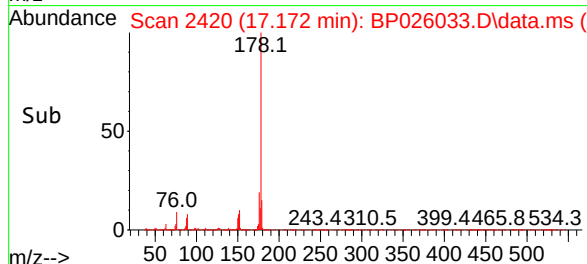
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:178 Resp: 464624
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.4 12.3 18.5

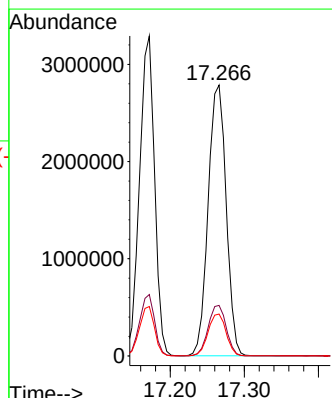
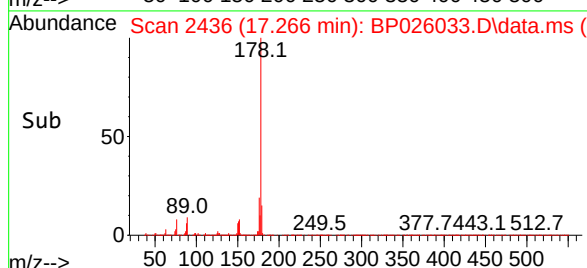
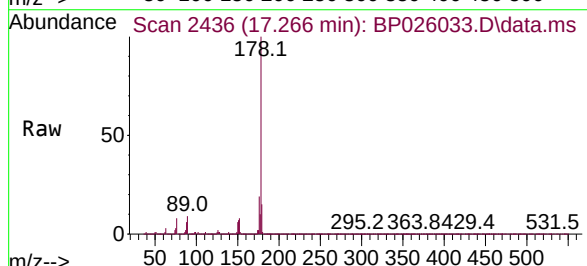
Manual Integrations
APPROVED

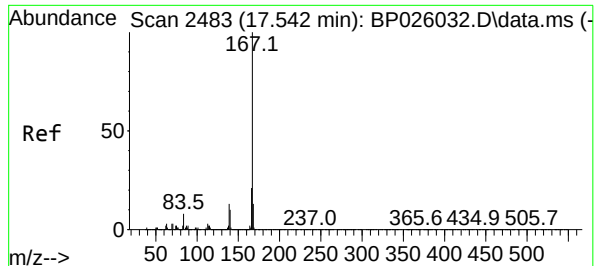
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#72
Anthracene
Concen: 45.221 ng
RT: 17.266 min Scan# 2436
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

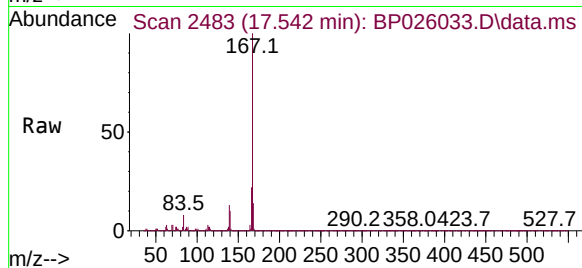
Tgt Ion:178 Resp: 4704548
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.4 12.2 18.4





#73
Carbazole
Concen: 44.353 ng
RT: 17.542 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

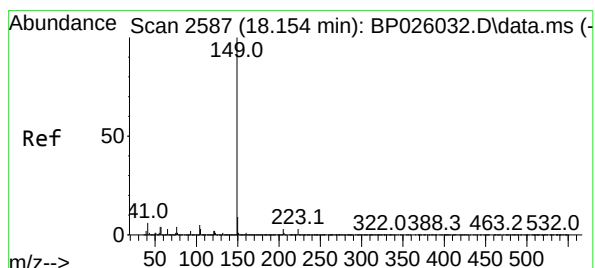
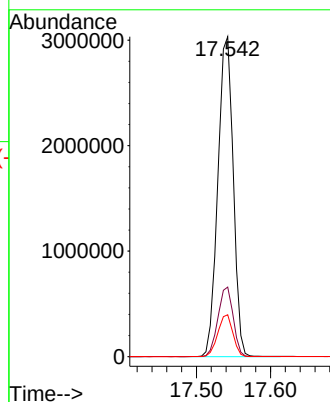
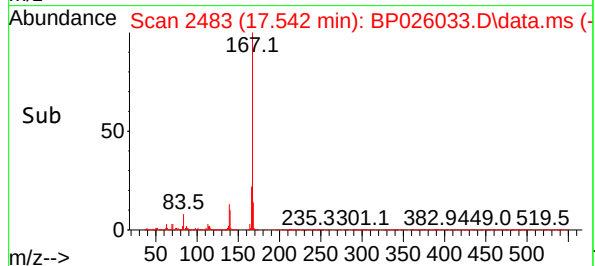
Instrument :
BNA_P
Client Sample Id :
SSTDICC050



Tgt Ion:167 Resp: 436788
Ion Ratio Lower Upper
167 100
166 21.7 17.1 25.7
139 13.1 10.2 15.2

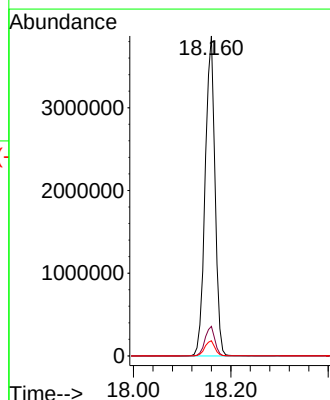
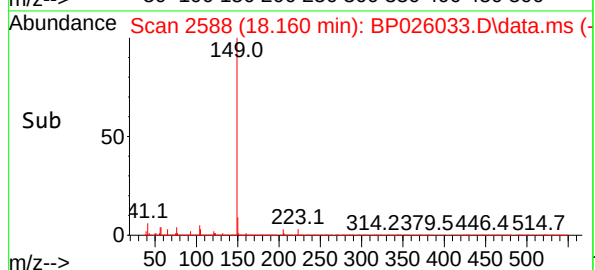
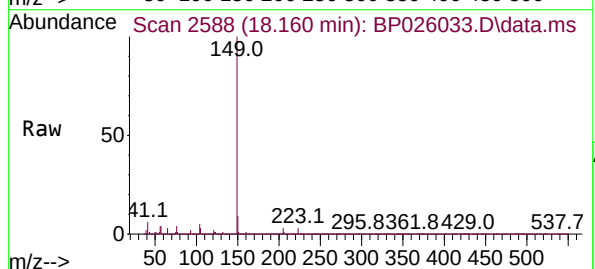
Manual Integrations
APPROVED

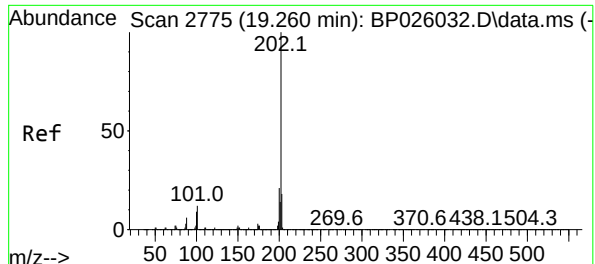
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#74
Di-n-butylphthalate
Concen: 48.928 ng
RT: 18.160 min Scan# 2588
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

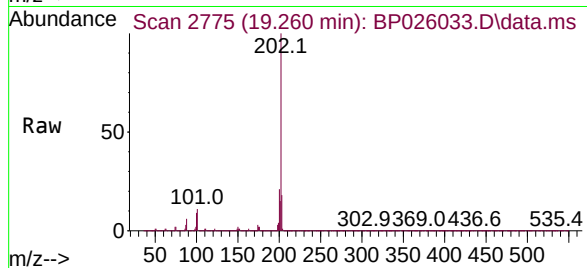
Tgt Ion:149 Resp: 5391627
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.7 3.8 5.6





#75
Fluoranthene
Concen: 45.075 ng
RT: 19.260 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

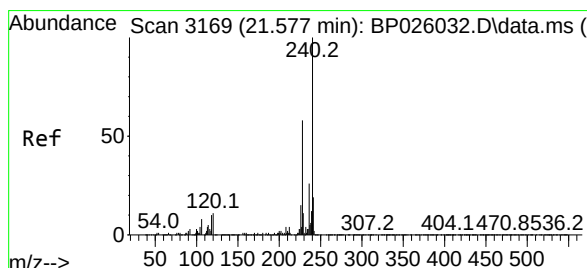
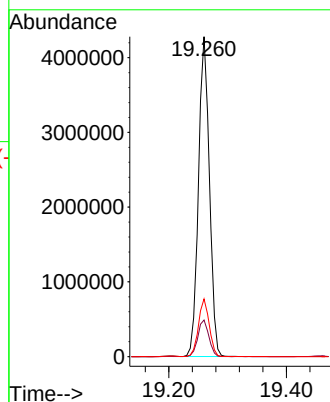
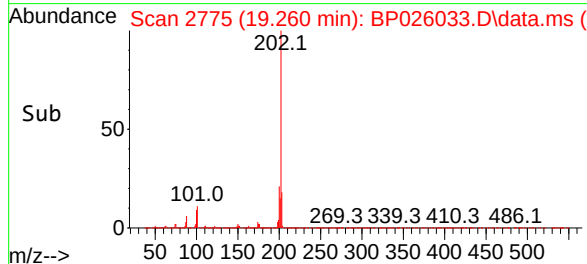
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 5518479
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.1
203 18.0 0.0 37.6

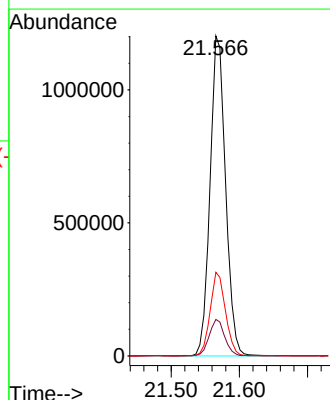
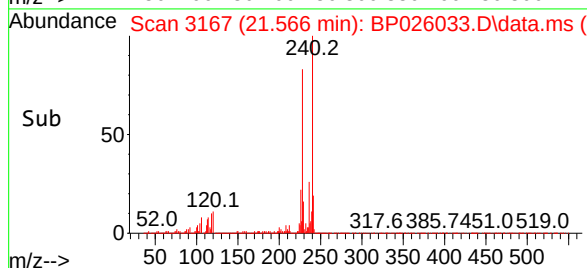
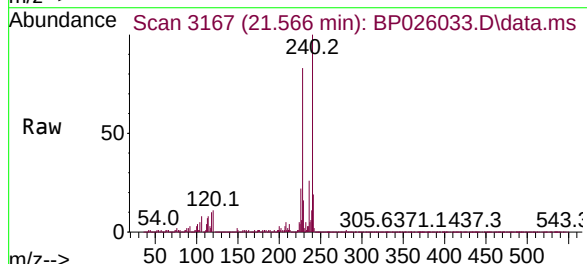
Manual Integrations
APPROVED

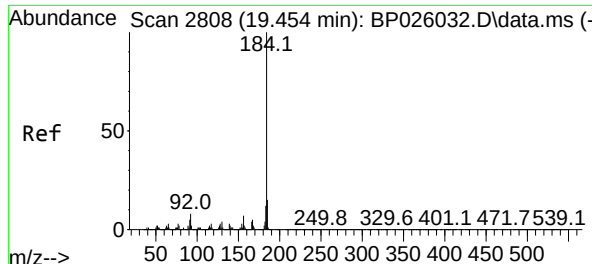
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

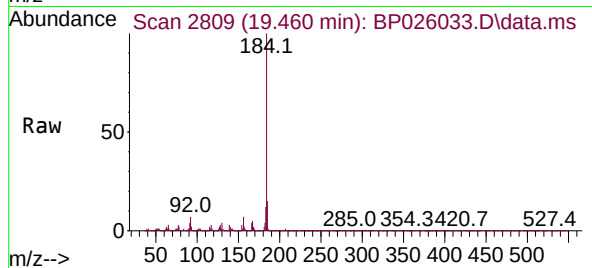
Tgt Ion:240 Resp: 1902632
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.1 20.6 31.0





#77
Benzidine
Concen: 44.405 ng
RT: 19.460 min Scan# 2809
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

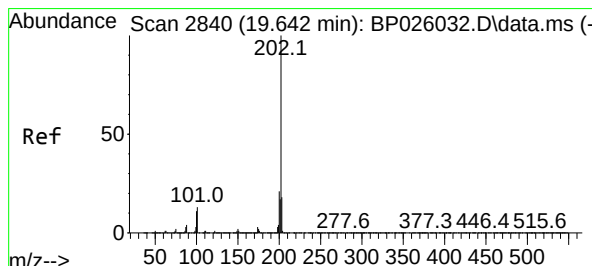
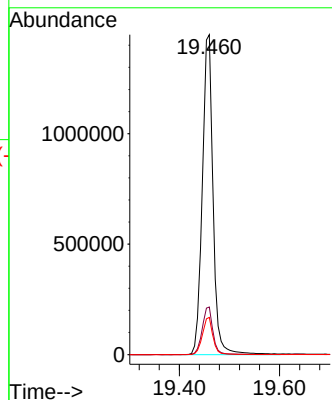
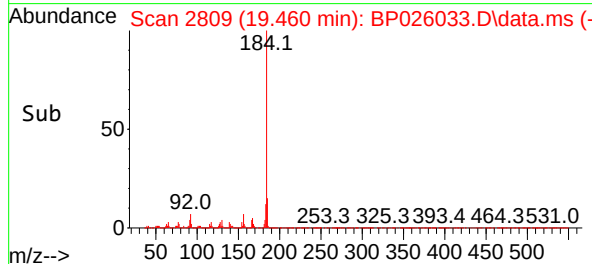
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 2144466
Ion Ratio Lower Upper
184 100
185 14.9 11.9 17.9
183 11.6 9.2 13.8

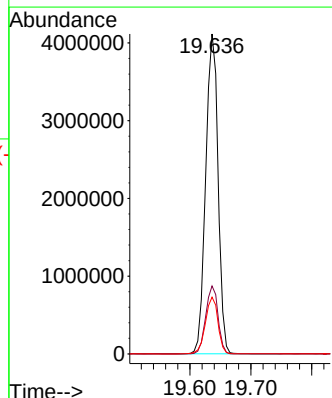
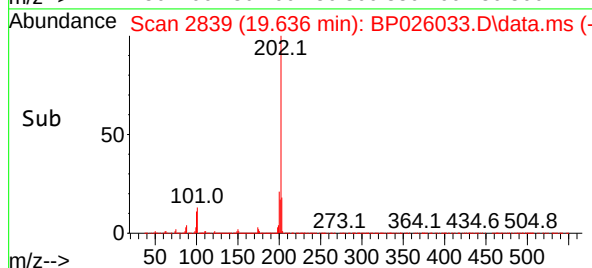
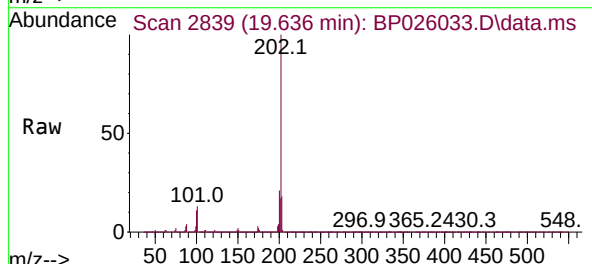
Manual Integrations
APPROVED

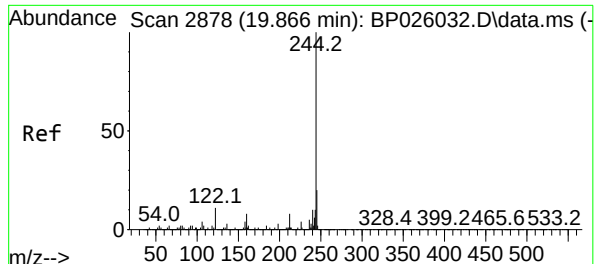
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#78
Pyrene
Concen: 44.987 ng
RT: 19.636 min Scan# 2839
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

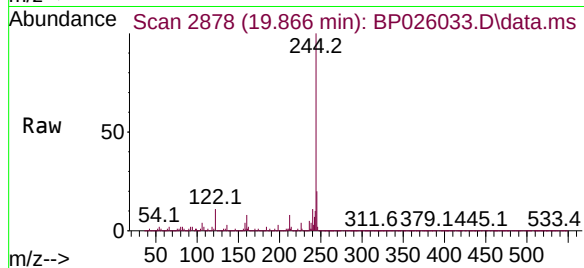
Tgt Ion:202 Resp: 5789133
Ion Ratio Lower Upper
202 100
200 21.2 16.6 25.0
203 17.7 14.0 21.0





#79
Terphenyl-d14
Concen: 87.388 ng
RT: 19.866 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

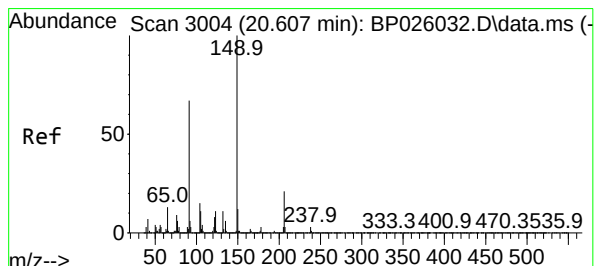
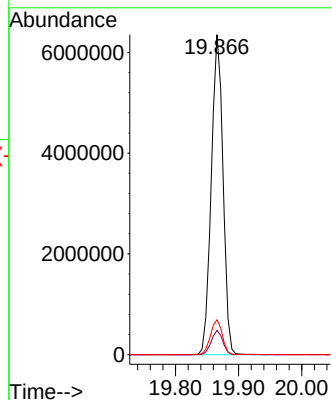
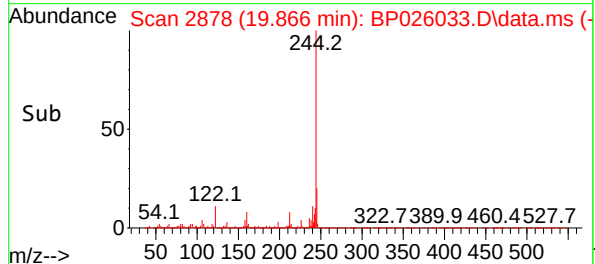
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:244 Resp: 8183730
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 10.9 9.0 13.6

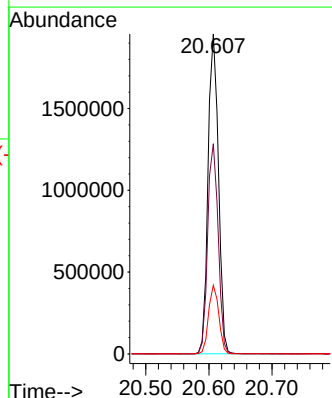
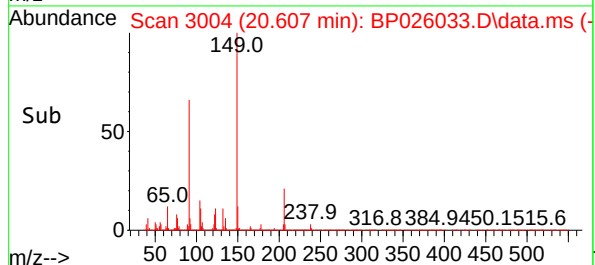
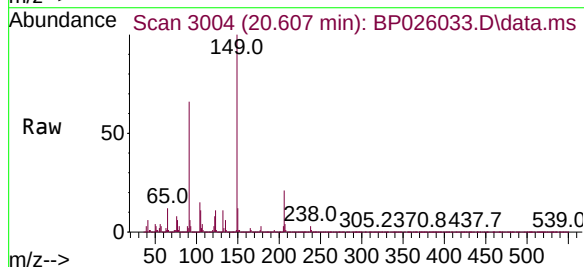
Manual Integrations
APPROVED

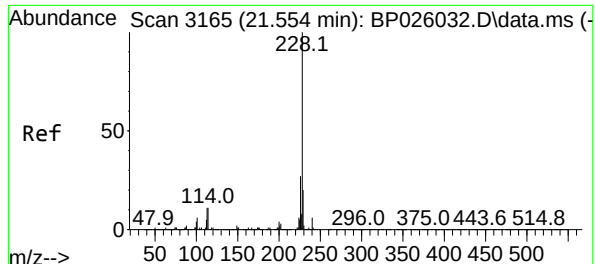
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#80
Butylbenzylphthalate
Concen: 46.457 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

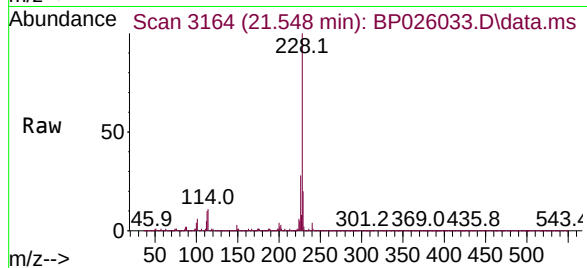
Tgt Ion:149 Resp: 2226346
Ion Ratio Lower Upper
149 100
91 65.7 53.5 80.3
206 21.4 16.6 25.0





#81
Benzo(a)anthracene
Concen: 44.546 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

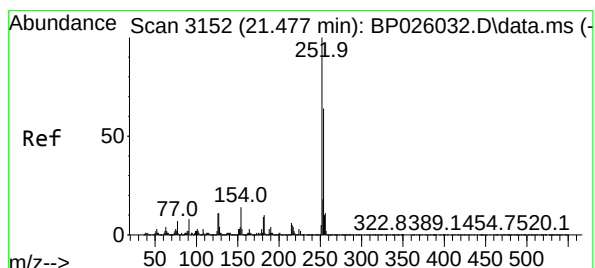
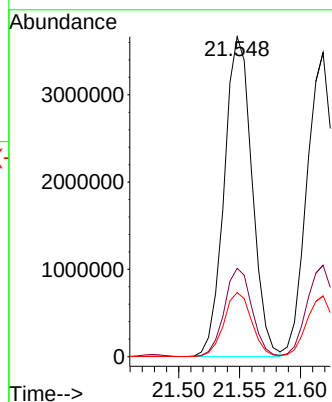
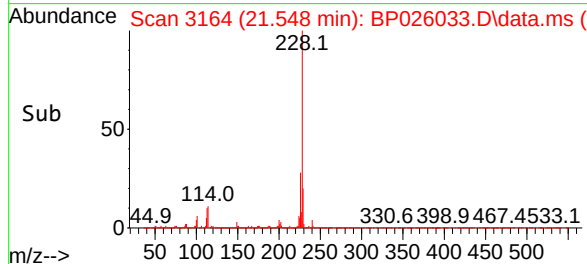
Instrument :
BNA_P
Client Sample Id :
SSTDICC050



Tgt Ion:228 Resp: 5824139
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.0 15.8 23.8

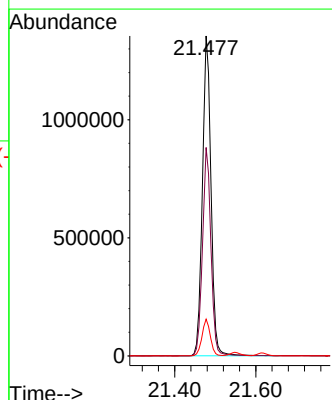
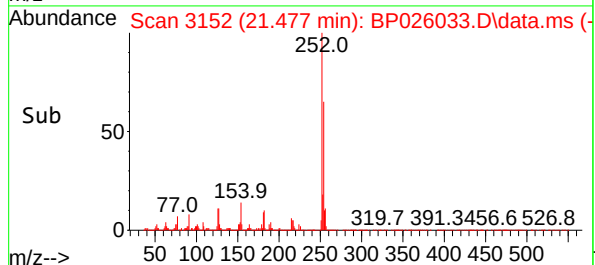
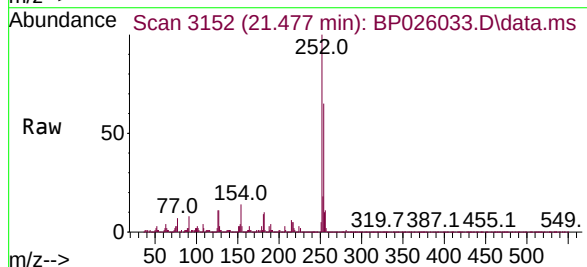
Manual Integrations
APPROVED

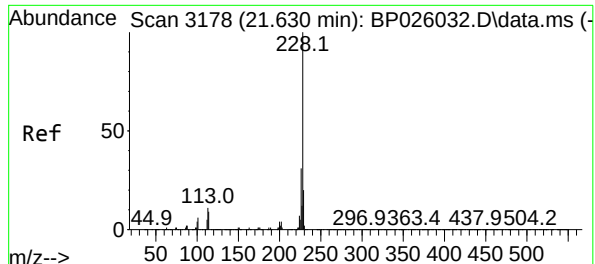
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#82
3,3'-Dichlorobenzidine
Concen: 47.020 ng
RT: 21.477 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

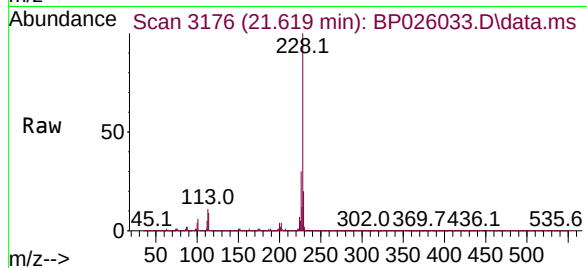
Tgt Ion:252 Resp: 1980734
Ion Ratio Lower Upper
252 100
254 65.1 51.3 76.9
126 11.5 9.1 13.7





#83
Chrysene
Concen: 44.884 ng
RT: 21.619 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

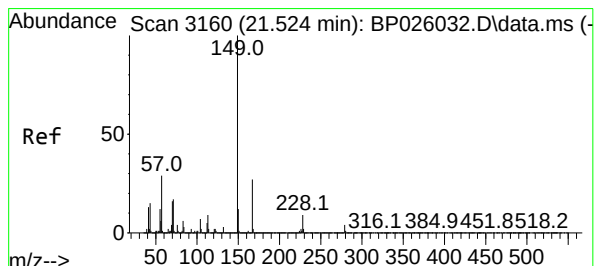
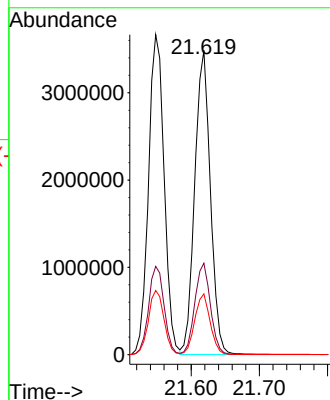
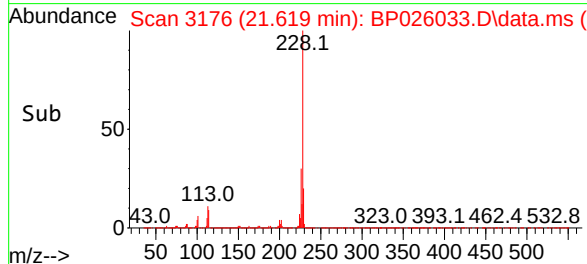
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 5558878
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 20.0 16.0 24.0

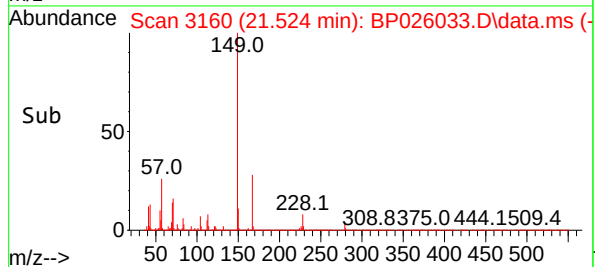
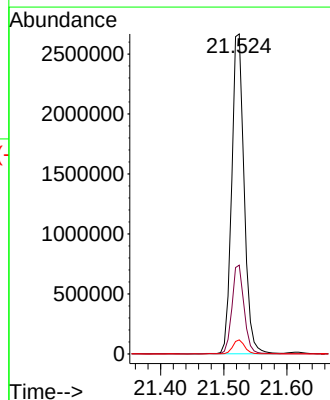
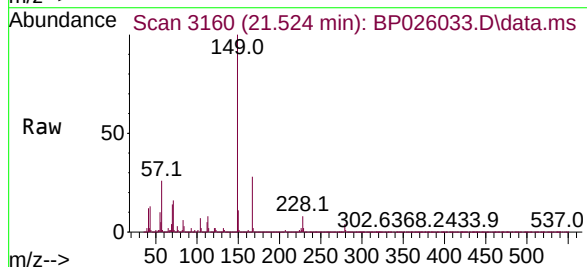
Manual Integrations
APPROVED

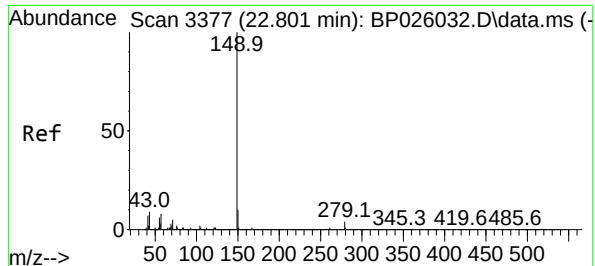
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.172 ng
RT: 21.524 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

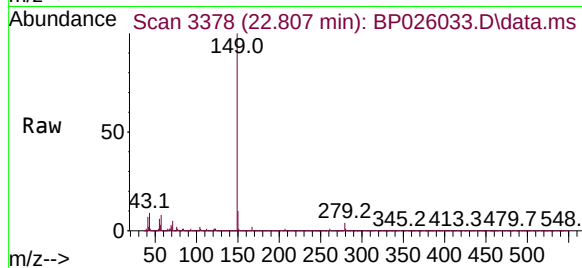
Tgt Ion:149 Resp: 3652585
Ion Ratio Lower Upper
149 100
167 27.7 21.5 32.3
279 4.4 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 51.985 ng
RT: 22.807 min Scan# 3377
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

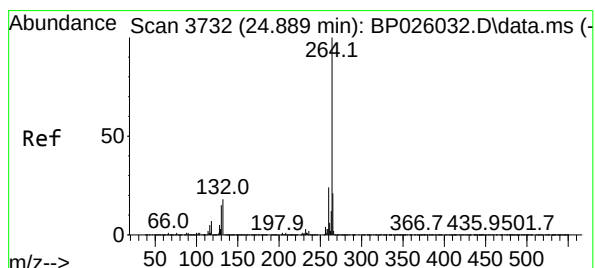
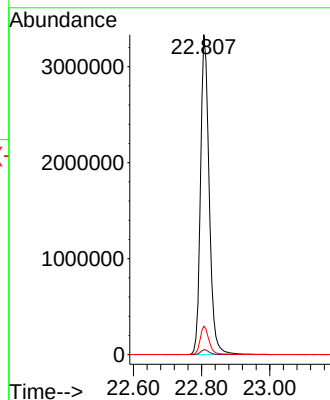
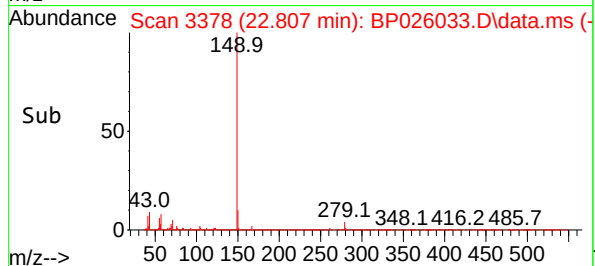
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 5887832
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.2 7.6 11.4

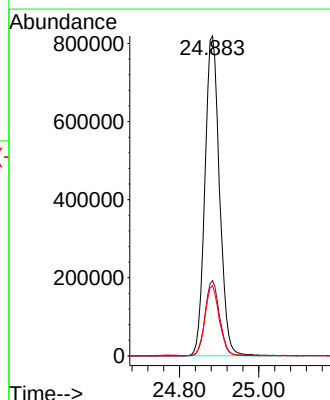
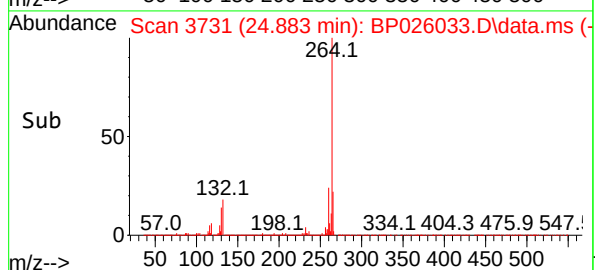
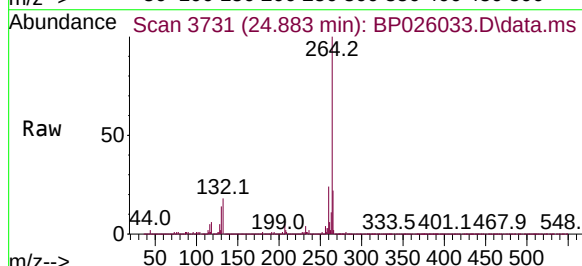
Manual Integrations
APPROVED

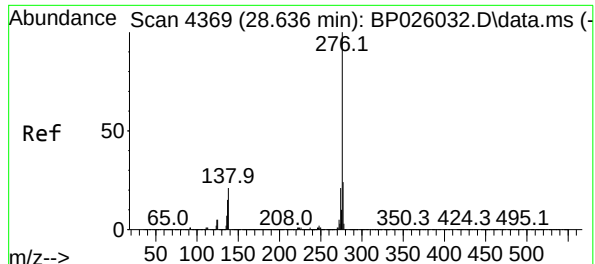
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.883 min Scan# 3731
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

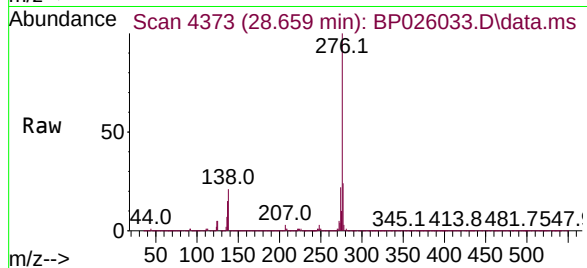
Tgt Ion:264 Resp: 2091380
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.9 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.456 ng m
RT: 28.659 min Scan# 4369
Delta R.T. 0.000 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

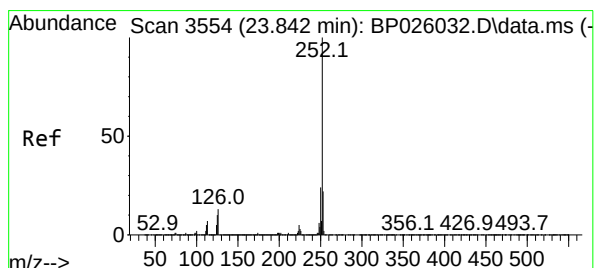
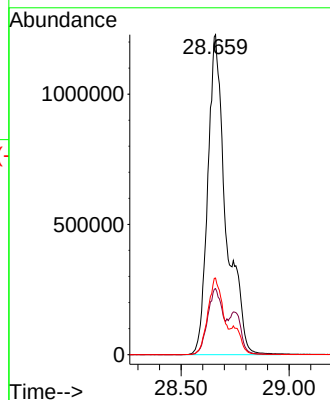
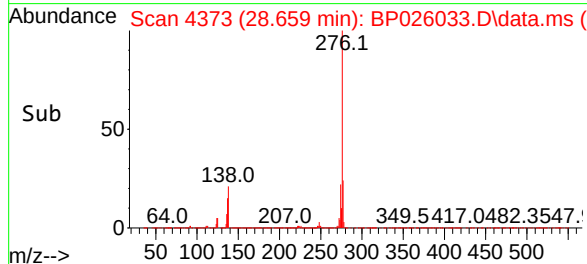
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:276 Resp: 7169922
Ion Ratio Lower Upper
276 100
138 16.6 13.2 19.8
277 20.1 16.3 24.5

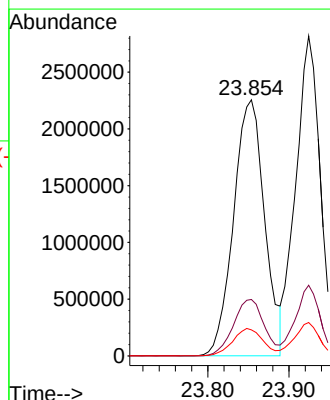
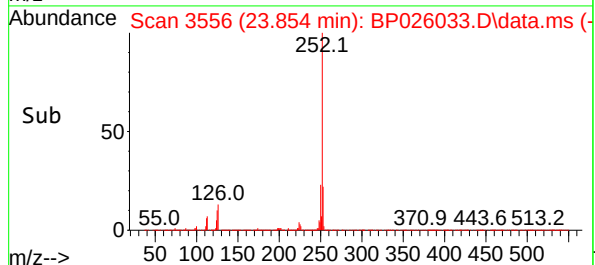
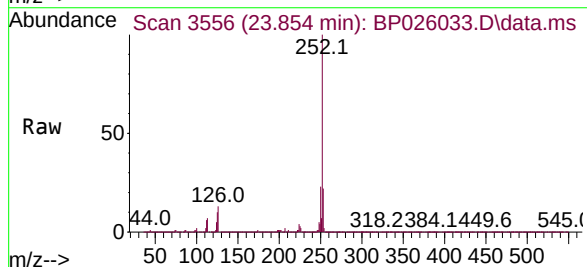
Manual Integrations
APPROVED

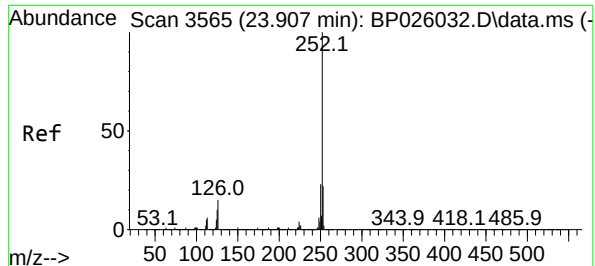
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#88
Benzo(b)fluoranthene
Concen: 46.280 ng
RT: 23.854 min Scan# 3556
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion:252 Resp: 6008578
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.2 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 44.984 ng

RT: 23.924 min Scan# 3565

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 596395

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

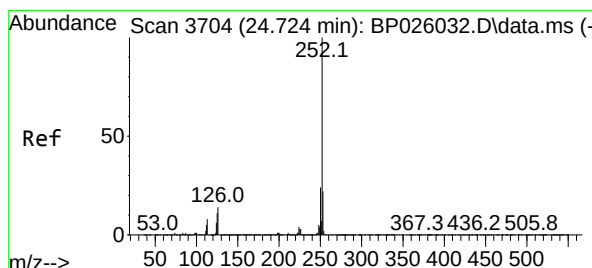
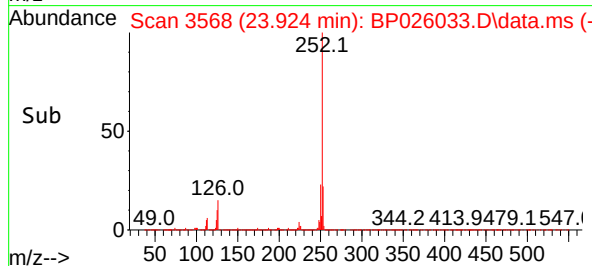
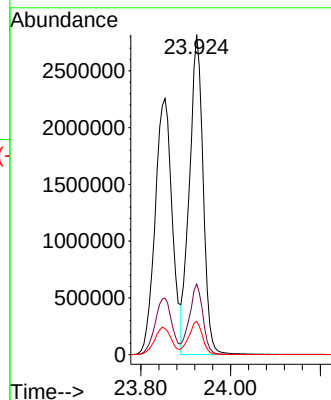
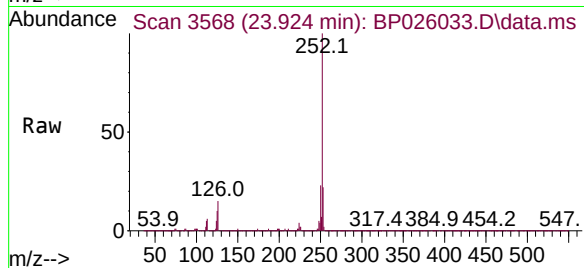
125 10.4 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#90

Benzo(a)pyrene

Concen: 46.197 ng

RT: 24.742 min Scan# 3707

Delta R.T. 0.000 min

Lab File: BP026033.D

Acq: 29 Oct 2025 12:51

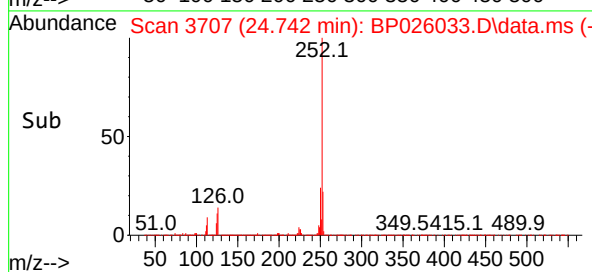
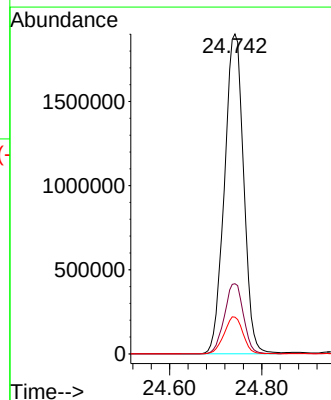
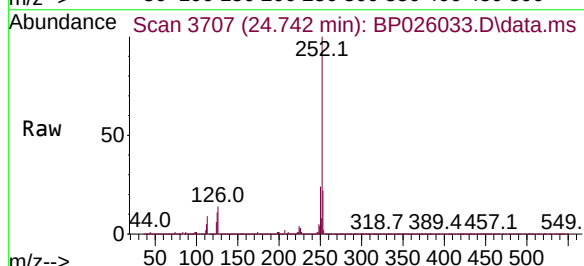
Tgt Ion:252 Resp: 5510203

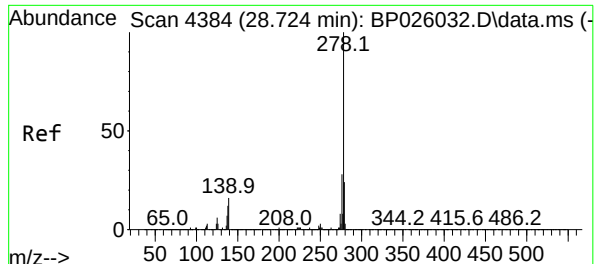
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

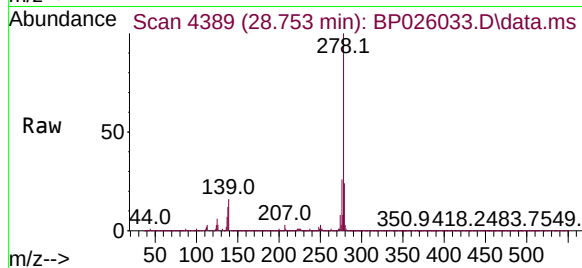
125 11.5 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 46.490 ng
RT: 28.753 min Scan# 4384
Delta R.T. 0.006 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

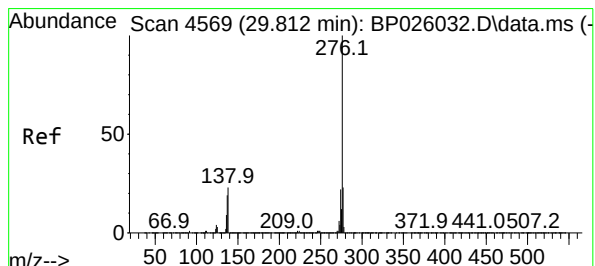
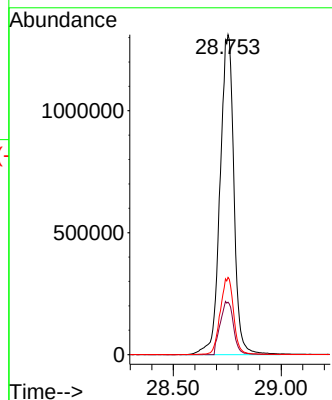
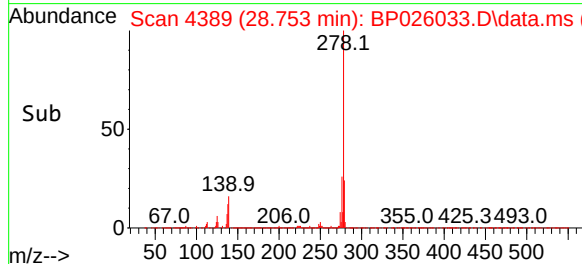
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 278 Resp: 584146
Ion Ratio Lower Upper
278 100
139 16.4 13.0 19.6
279 24.2 18.9 28.3

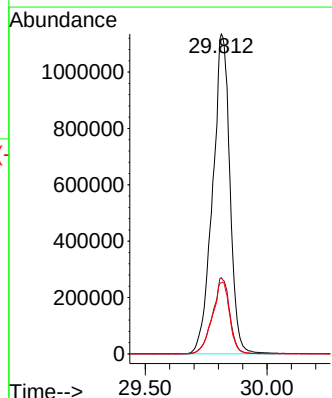
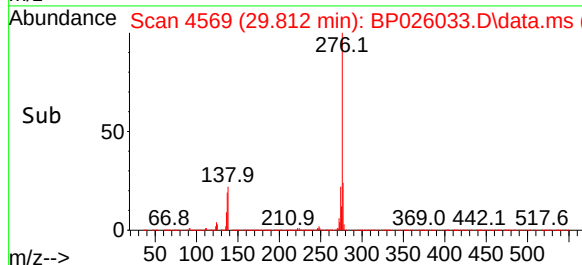
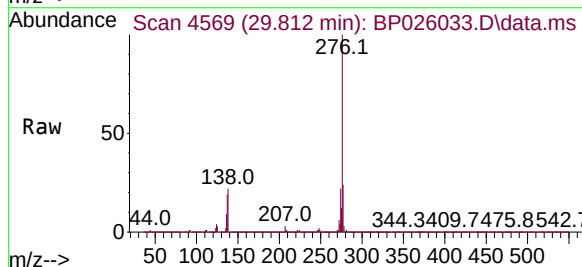
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#92
Benzo(g,h,i)perylene
Concen: 46.163 ng
RT: 29.812 min Scan# 4569
Delta R.T. -0.017 min
Lab File: BP026033.D
Acq: 29 Oct 2025 12:51

Tgt Ion: 276 Resp: 5581541
Ion Ratio Lower Upper
276 100
277 23.8 18.5 27.7
138 22.2 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026034.D
 Acq On : 29 Oct 2025 13:32
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Oct 29 18:08:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	294204	20.000	ng	0.00
21) Naphthalene-d8	10.448	136	1188234	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	740246	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1468570	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1519622	20.000	ng	0.02
86) Perylene-d12	24.895	264	1658930	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	2326169	130.467	ng	0.00
7) Phenol-d6	6.855	99	2901394	127.851	ng	0.00
23) Nitrobenzene-d5	8.825	82	2556249	134.112	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	1109676	138.661	ng	0.01
45) 2-Fluorobiphenyl	12.931	172	6359685	123.451	ng	0.00
79) Terphenyl-d14	19.871	244	9289969	124.204	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.243	88	477216	63.490	ng	99
3) Pyridine	3.625	79	1369619	64.099	ng	99
4) n-Nitrosodimethylamine	3.543	42	538920	62.930	ng	96
6) Aniline	7.019	93	1904638	62.886	ng	99
8) 2-Chlorophenol	7.255	128	1304563	66.075	ng	99
9) Benzaldehyde	6.831	77	702436	59.544	ng	99
10) Phenol	6.884	94	1609307	63.877	ng	99
11) bis(2-Chloroethyl)ether	7.113	93	1252563	62.998	ng	99
12) 1,3-Dichlorobenzene	7.578	146	1421445	62.690	ng	99
13) 1,4-Dichlorobenzene	7.719	146	1441195	62.866	ng	99
14) 1,2-Dichlorobenzene	8.031	146	1368134	62.542	ng	98
15) Benzyl Alcohol	7.913	79	1040602	63.606	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1838598	61.185	ng	99
17) 2-Methylphenol	8.113	107	1068062	64.741	ng	99
18) Hexachloroethane	8.754	117	501286	63.902	ng	98
19) n-Nitroso-di-n-propyla...	8.484	70	904719	64.223	ng	97
20) 3+4-Methylphenols	8.437	107	1452480	63.287	ng	99
22) Acetophenone	8.490	105	1872894	62.324	ng	# 99
24) Nitrobenzene	8.866	77	1321111	65.646	ng	99
25) Isophorone	9.384	82	2601391	63.763	ng	99
27) 2,4-Dimethylphenol	9.625	122	1124076	65.520	ng	98
28) bis(2-Chloroethoxy)met...	9.872	93	1608539	62.561	ng	99
29) 2,4-Dichlorophenol	10.096	162	1213575	66.994	ng	100
30) 1,2,4-Trichlorobenzene	10.313	180	1238545	62.905	ng	98
31) Naphthalene	10.501	128	4053338	62.555	ng	100
32) Benzoic acid	9.766	122	733177	63.317	ng	97
33) 4-Chloroaniline	10.601	127	1586613	63.721	ng	99
34) Hexachlorobutadiene	10.790	225	792964	63.376	ng	99
35) Caprolactam	11.372	113	414253	65.121	ng	93
36) 4-Chloro-3-methylphenol	11.725	107	1268077	66.778	ng	100
37) 2-Methylnaphthalene	12.113	142	2826130	62.316	ng	100
38) 1-Methylnaphthalene	12.337	142	2744994	62.303	ng	99
40) 1,2,4,5-Tetrachloroben...	12.490	216	1452519	63.152	ng	100
41) Hexachlorocyclopentadiene	12.478	237	577139	68.581	ng	97
43) 2,4,6-Trichlorophenol	12.731	196	947367	69.685	ng	99
44) 2,4,5-Trichlorophenol	12.795	196	1042039	67.173	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026034.D
 Acq On : 29 Oct 2025 13:32
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Oct 29 18:08:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

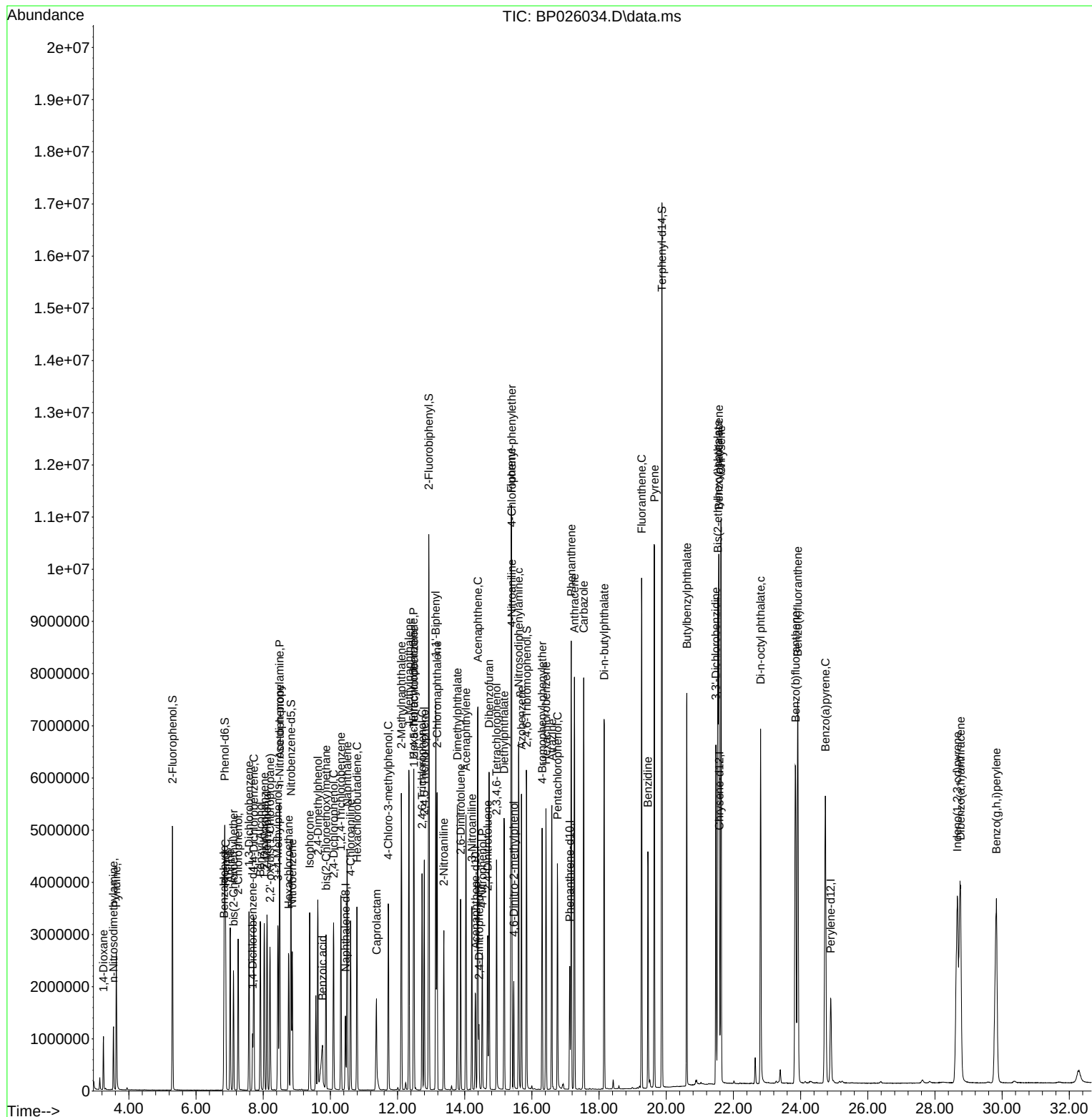
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.137	154	3519299	62.090	ng	100
47) 2-Chloronaphthalene	13.178	162	2781932	62.380	ng	98
48) 2-Nitroaniline	13.378	65	737734	64.505	ng	98
49) Acenaphthylene	14.037	152	4167114	64.110	ng	100
50) Dimethylphthalate	13.778	163	3449991	64.073	ng	100
51) 2,6-Dinitrotoluene	13.878	165	652327	64.811	ng	99
52) Acenaphthene	14.389	154	2837620	63.592	ng	99
53) 3-Nitroaniline	14.213	138	780369	63.434	ng	99
54) 2,4-Dinitrophenol	14.425	184	274254	63.744	ng	95
55) Dibenzofuran	14.725	168	4183126	62.047	ng	100
56) 4-Nitrophenol	14.525	139	688114	64.089	ng	99
57) 2,4-Dinitrotoluene	14.684	165	961200	65.768	ng	95
58) Fluorene	15.383	166	3313648	62.737	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.948	232	858179	70.360	ng	100
60) Diethylphthalate	15.172	149	3534128	65.288	ng	100
61) 4-Chlorophenyl-phenyle...	15.395	204	1640879	62.210	ng	99
62) 4-Nitroaniline	15.401	138	817496	71.051	ng	99
63) Azobenzene	15.689	77	3079138	62.764	ng	98
65) 4,6-Dinitro-2-methylph...	15.460	198	420911	64.124	ng	95
66) n-Nitrosodiphenylamine	15.607	169	2901612	63.193	ng	100
67) 4-Bromophenyl-phenylether	16.307	248	1043905	64.082	ng	98
68) Hexachlorobenzene	16.419	284	1180264	63.645	ng	100
69) Atrazine	16.595	200	1050788	67.838	ng	98
70) Pentachlorophenol	16.760	266	783472	69.166	ng	99
71) Phenanthrene	17.172	178	5263383	61.576	ng	99
72) Anthracene	17.266	178	5375909	63.447	ng	100
73) Carbazole	17.542	167	5059908	63.086	ng	100
74) Di-n-butylphthalate	18.154	149	6072603	67.663	ng	100
75) Fluoranthene	19.266	202	6263426	62.816	ng	99
77) Benzidine	19.454	184	2726283	70.680	ng	100
78) Pyrene	19.648	202	6521771	63.454	ng	99
80) Butylbenzylphthalate	20.613	149	2549176	65.127	ng	97
81) Benzo(a)anthracene	21.566	228	6577757	62.991	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	2266707	67.371	ng	100
83) Chrysene	21.630	228	6150315	62.176	ng	99
84) Bis(2-ethylhexyl)phtha...	21.536	149	3949393	62.903	ng	99
85) Di-n-octyl phthalate	22.807	149	6415656	70.922	ng	99
87) Indeno(1,2,3-cd)pyrene	28.665	276	8109098	66.237	ng	99
88) Benzo(b)fluoranthene	23.848	252	6695122	65.011	ng	100
89) Benzo(k)fluoranthene	23.912	252	6702900	63.737	ng	99
90) Benzo(a)pyrene	24.736	252	6233786	65.888	ng	99
91) Dibenzo(a,h)anthracene	28.759	278	6571045	65.929	ng	100
92) Benzo(g,h,i)perylene	29.830	276	6265775	65.331	ng	99

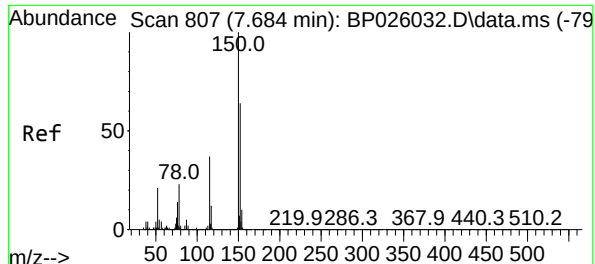
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026034.D
Acq On : 29 Oct 2025 13:32
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Oct 29 18:08:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

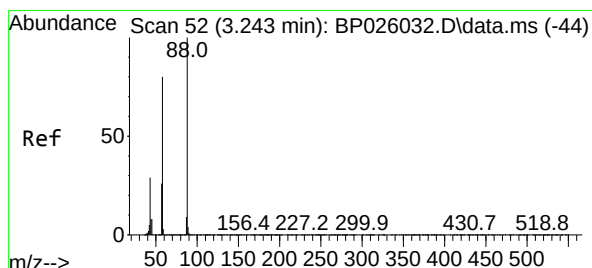
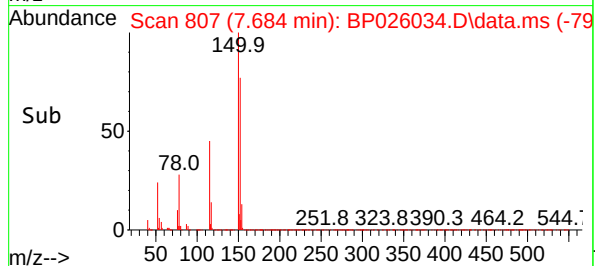
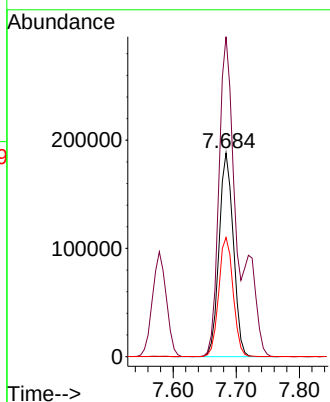
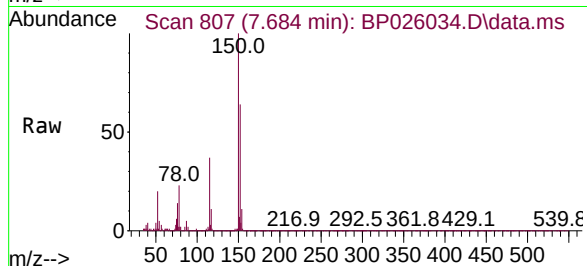




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 807
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

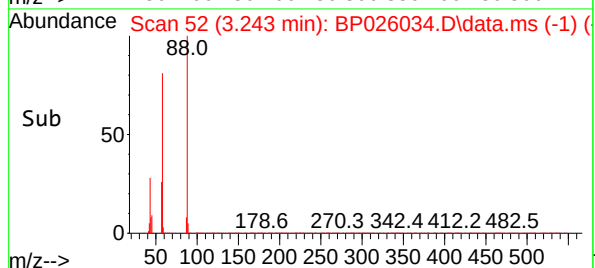
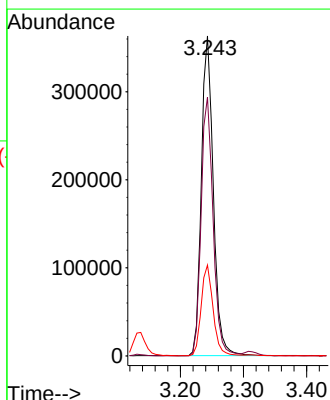
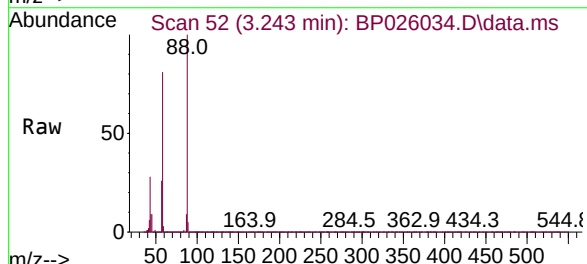
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

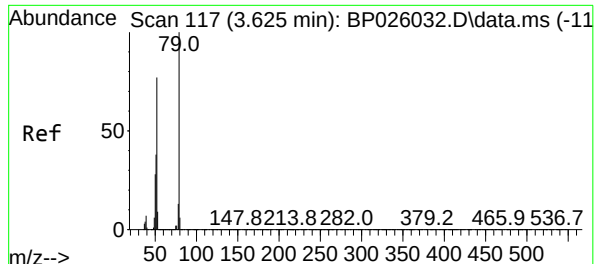
Tgt Ion:152 Resp: 294204
Ion Ratio Lower Upper
152 100
150 157.2 125.7 188.5
115 58.6 46.4 69.6



#2
1,4-Dioxane
Concen: 63.490 ng
RT: 3.243 min Scan# 52
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 88 Resp: 477216
Ion Ratio Lower Upper
88 100
58 81.2 65.4 98.0
43 28.2 23.1 34.7





#3

Pyridine

Concen: 64.099 ng

RT: 3.625 min Scan# 117

Delta R.T. 0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

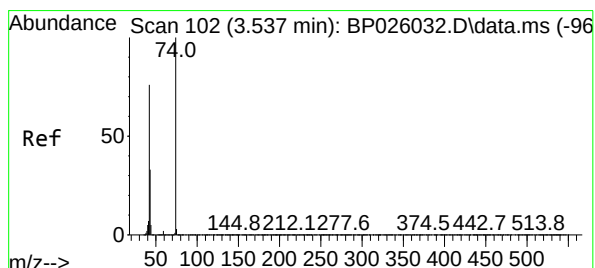
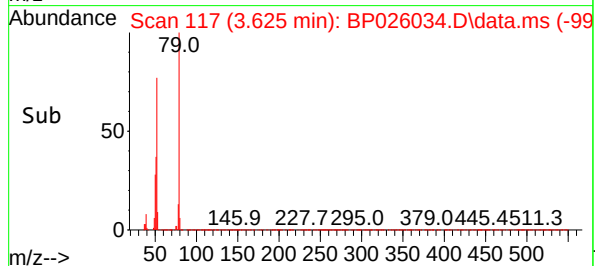
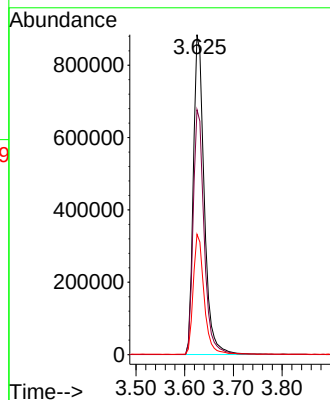
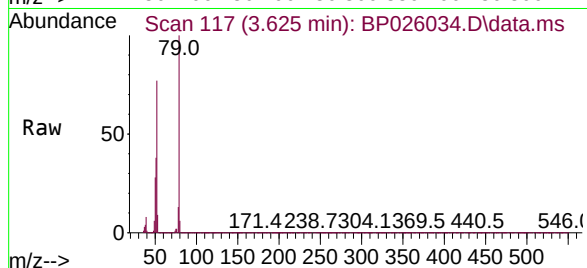
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 1369619

Ion	Ratio	Lower	Upper
79	100		
52	76.5	62.0	93.0
51	37.6	30.6	46.0



#4

n-Nitrosodimethylamine

Concen: 62.930 ng

RT: 3.543 min Scan# 103

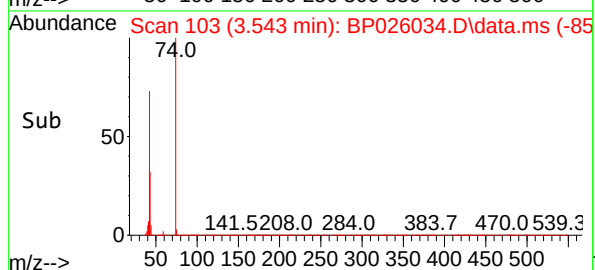
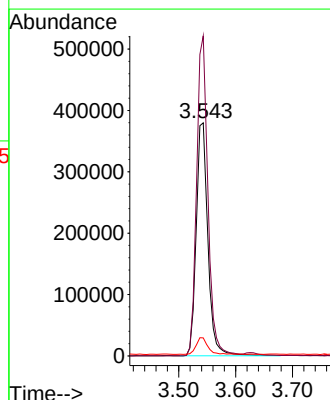
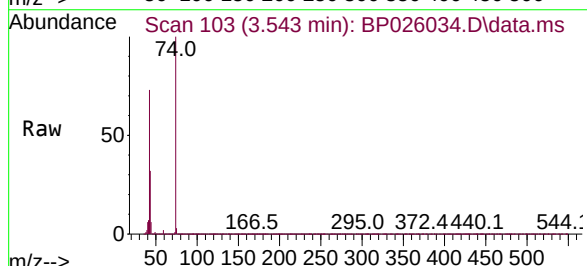
Delta R.T. 0.006 min

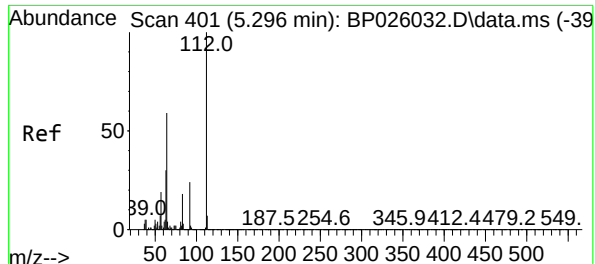
Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion: 42 Resp: 538920

Ion	Ratio	Lower	Upper
42	100		
74	137.3	105.7	158.5
44	7.7	6.6	9.8

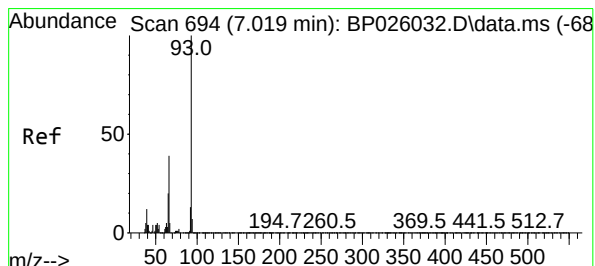
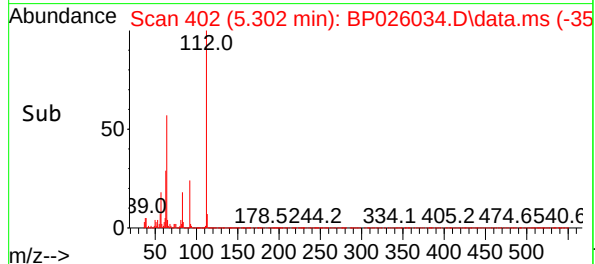
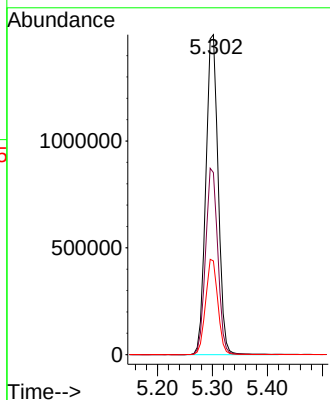
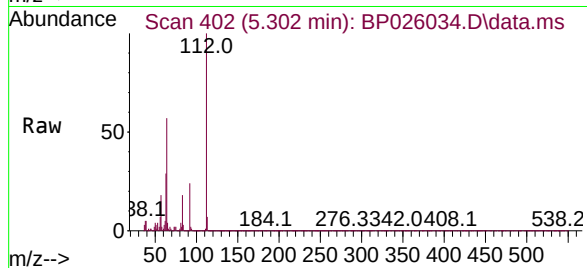




#5
2-Fluorophenol
Concen: 130.467 ng
RT: 5.302 min Scan# 401
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

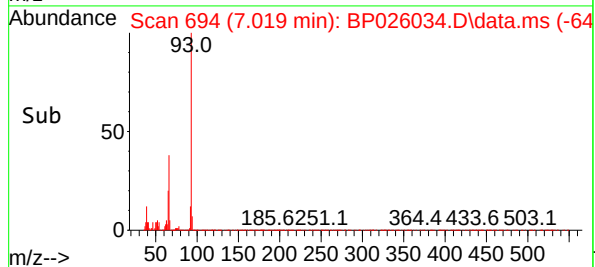
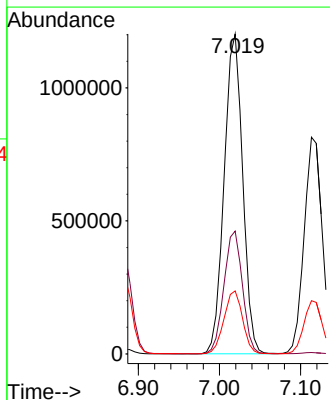
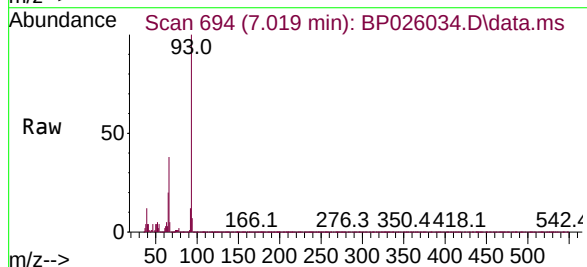
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

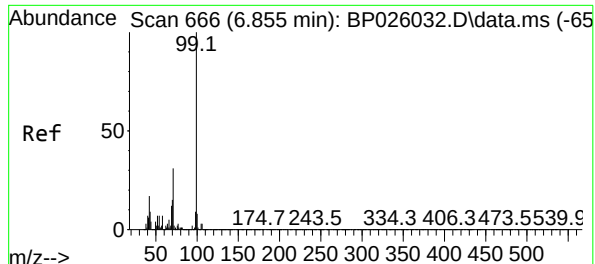
Tgt Ion:112 Resp: 2326169
Ion Ratio Lower Upper
112 100
64 56.9 47.4 71.2
63 29.3 24.2 36.4



#6
Aniline
Concen: 62.886 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 93 Resp: 1904638
Ion Ratio Lower Upper
93 100
66 38.4 31.2 46.8
65 19.7 16.1 24.1





#7

Phenol-d6

Concen: 127.851 ng

RT: 6.855 min Scan# 666

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

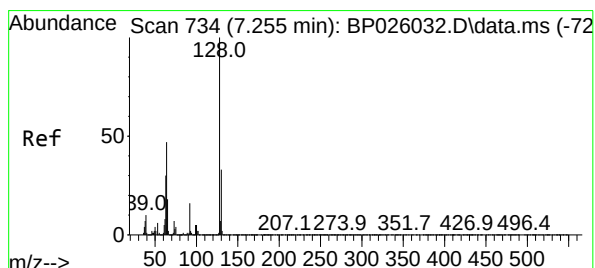
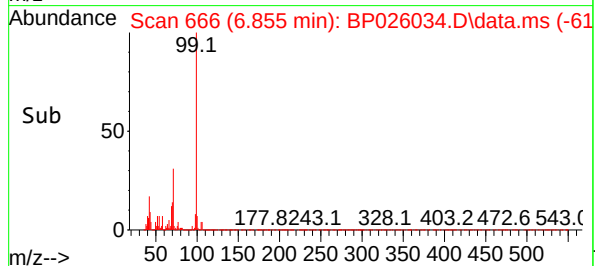
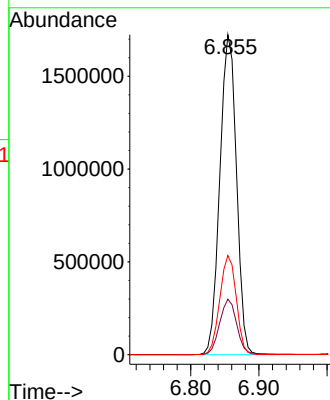
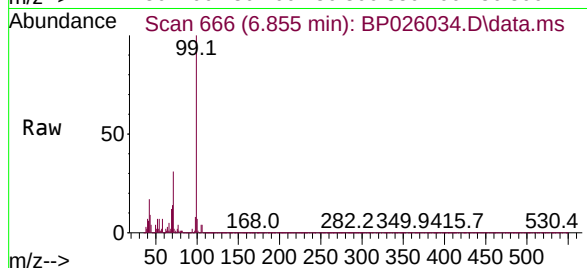
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 2901394

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.7	20.5
71	31.0	24.4	36.6



#8

2-Chlorophenol

Concen: 66.075 ng

RT: 7.255 min Scan# 734

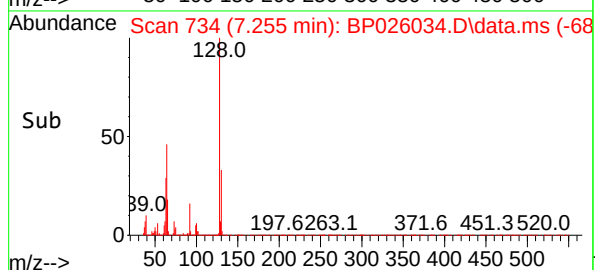
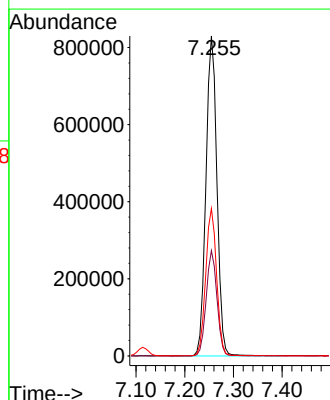
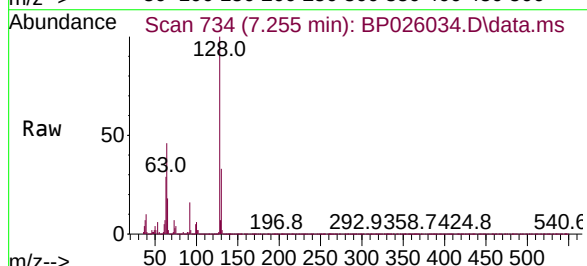
Delta R.T. 0.000 min

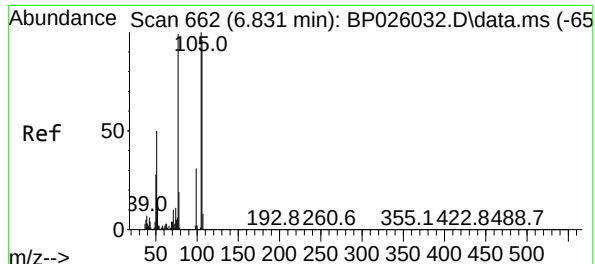
Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion:128 Resp: 1304563

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.7	52.7
64	46.1	27.4	67.4

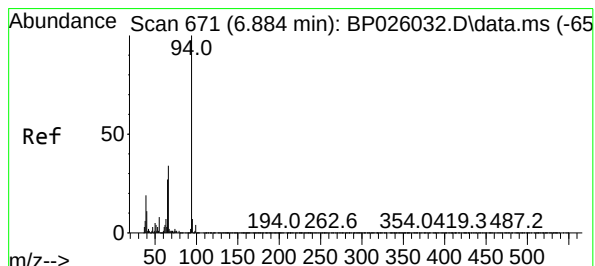
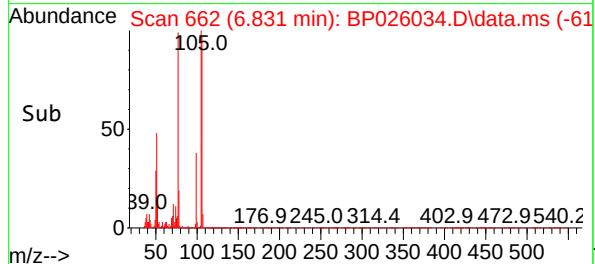
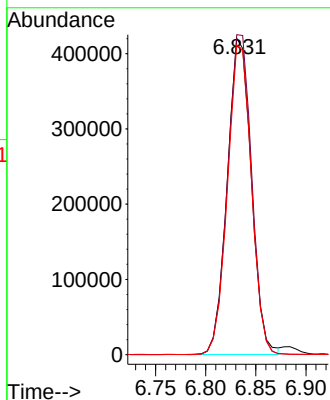
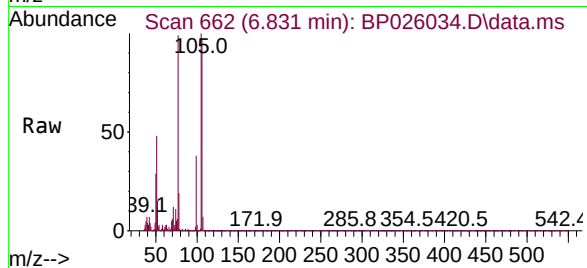




#9
Benzaldehyde
Concen: 59.544 ng
RT: 6.831 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

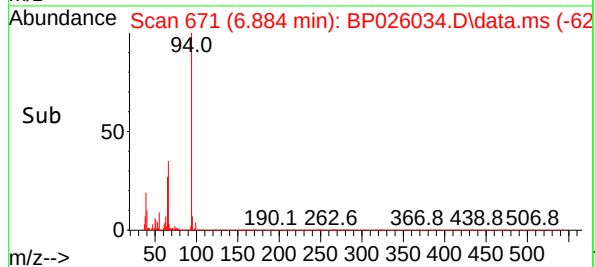
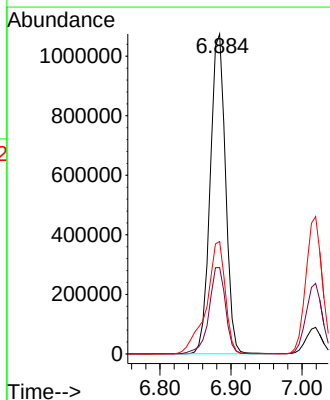
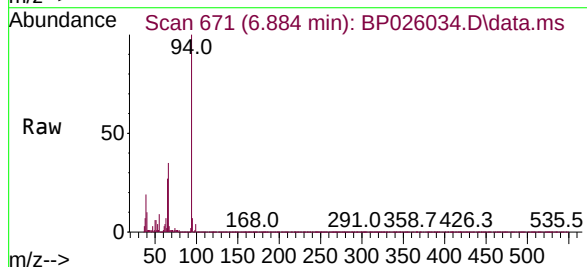
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

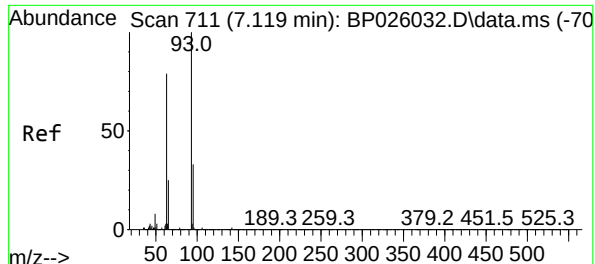
Tgt Ion: 77 Resp: 702436
Ion Ratio Lower Upper
77 100
105 101.2 80.7 120.7
106 97.9 76.5 116.5



#10
Phenol
Concen: 63.877 ng
RT: 6.884 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 94 Resp: 1609307
Ion Ratio Lower Upper
94 100
65 27.0 7.1 47.1
66 35.1 14.4 54.4

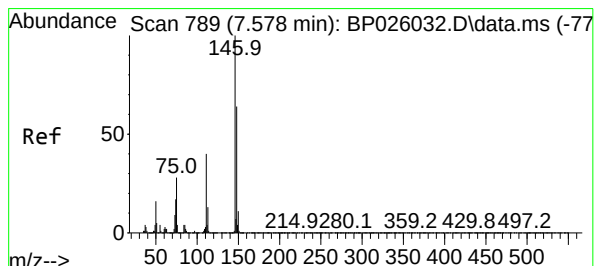
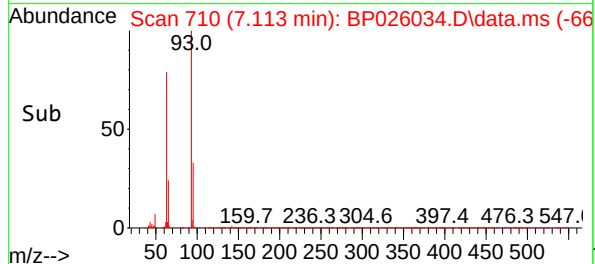
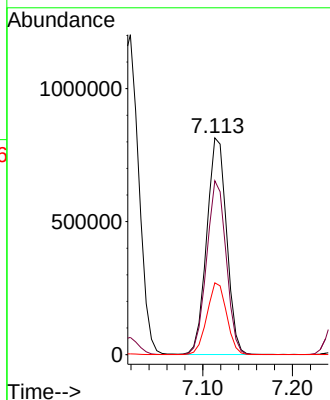
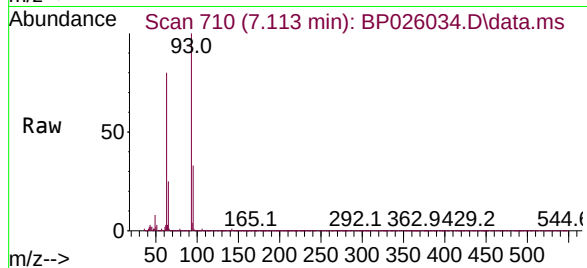




#11
bis(2-Chloroethyl)ether
Concen: 62.998 ng
RT: 7.113 min Scan# 711
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

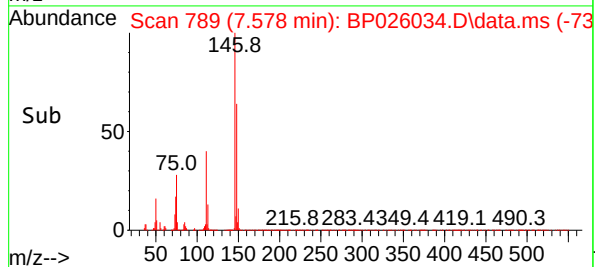
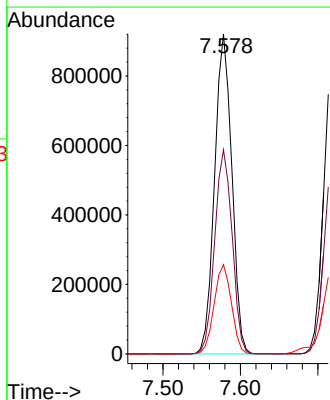
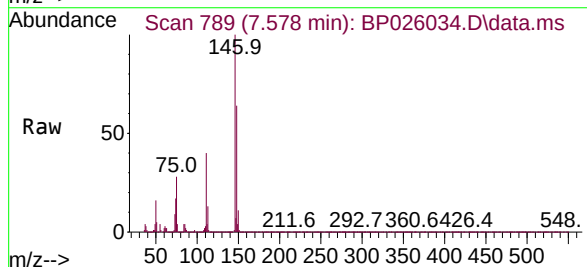
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

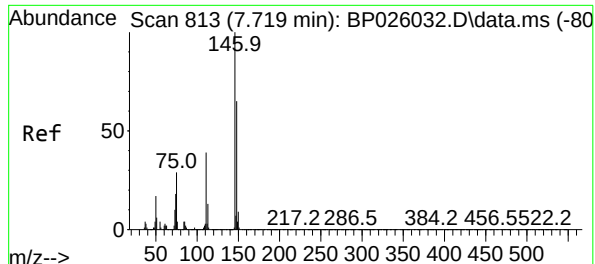
Tgt Ion: 93 Resp: 1252563
Ion Ratio Lower Upper
93 100
63 80.2 59.1 99.1
95 33.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 62.690 ng
RT: 7.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 146 Resp: 1421445
Ion Ratio Lower Upper
146 100
148 63.8 51.6 77.4
75 27.9 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 62.866 ng

RT: 7.719 min Scan# 813

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

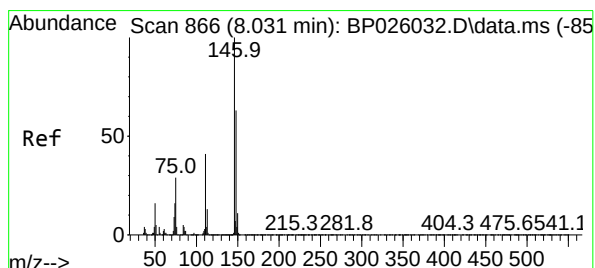
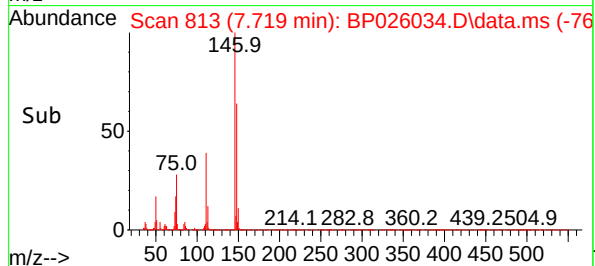
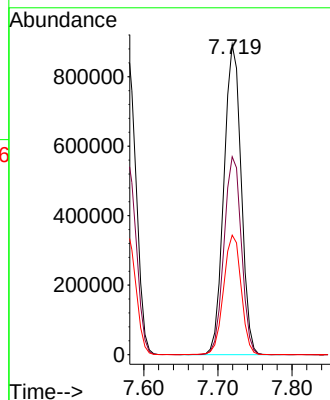
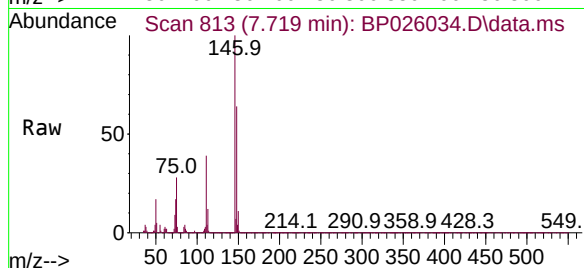
Tgt Ion:146 Resp: 1441195

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

111 38.6 31.3 46.9



#14

1,2-Dichlorobenzene

Concen: 62.542 ng

RT: 8.031 min Scan# 866

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

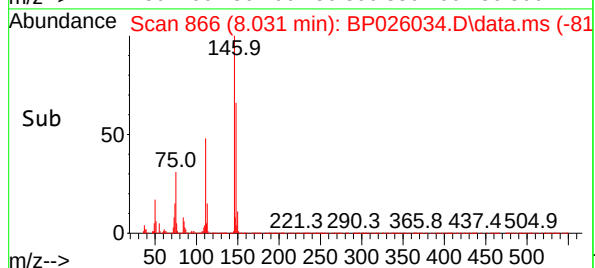
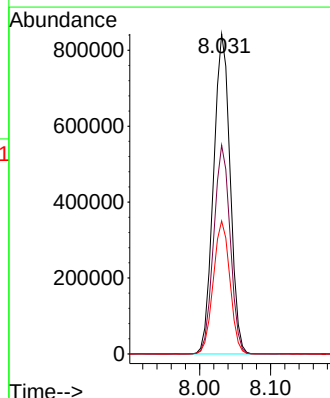
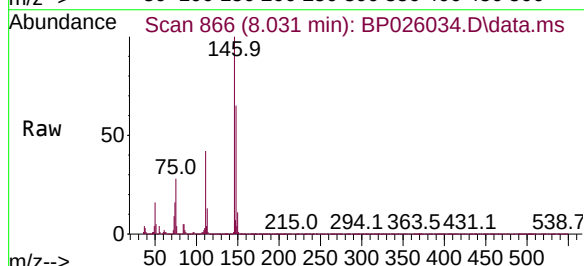
Tgt Ion:146 Resp: 1368134

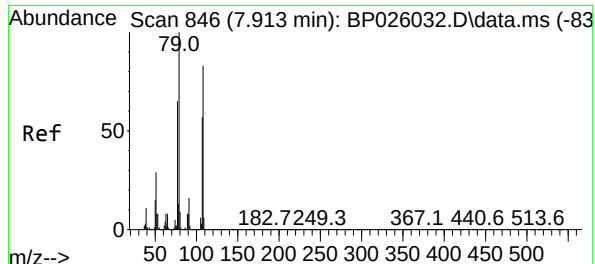
Ion Ratio Lower Upper

146 100

148 65.2 50.8 76.2

111 41.5 33.0 49.4





#15

Benzyl Alcohol

Concen: 63.606 ng

RT: 7.913 min Scan# 846

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

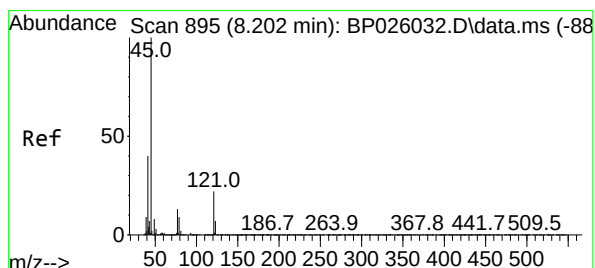
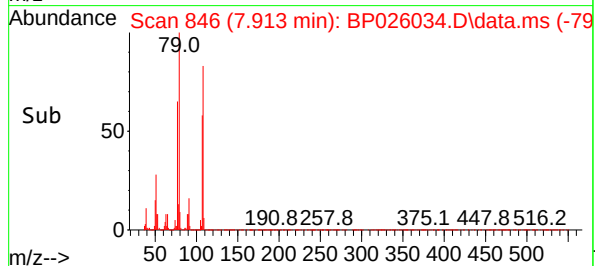
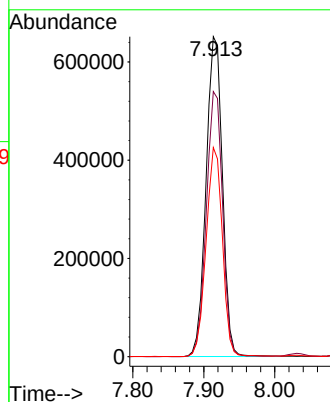
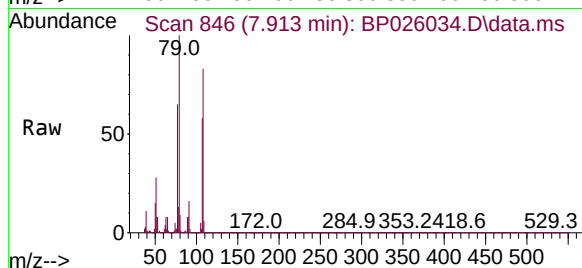
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 1040602

Ion	Ratio	Lower	Upper
79	100		
108	82.8	66.0	99.0
77	65.3	52.3	78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 61.185 ng

RT: 8.202 min Scan# 895

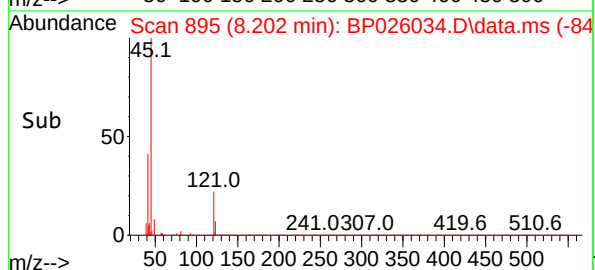
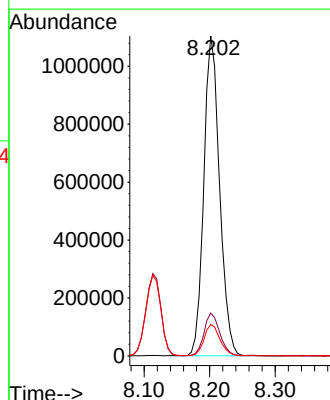
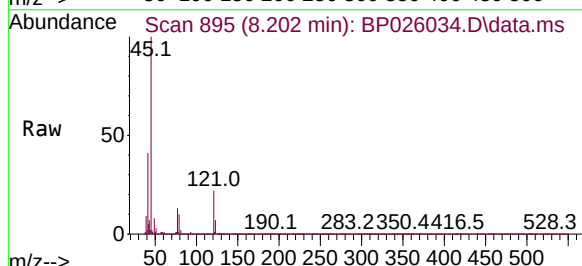
Delta R.T. 0.000 min

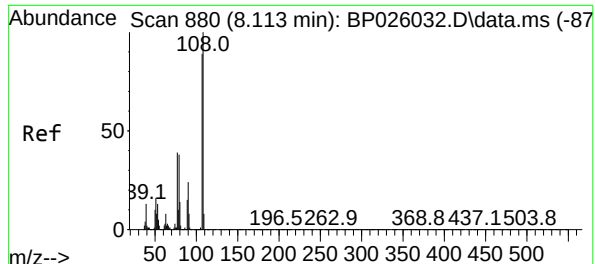
Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion: 45 Resp: 1838598

Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	33.2
79	9.8	0.0	29.5

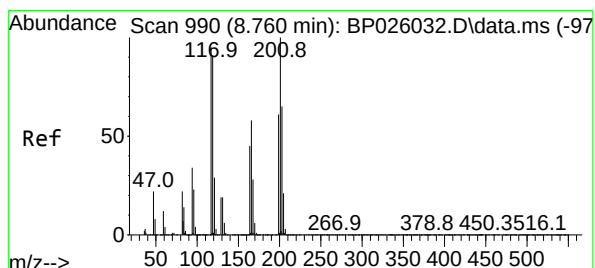
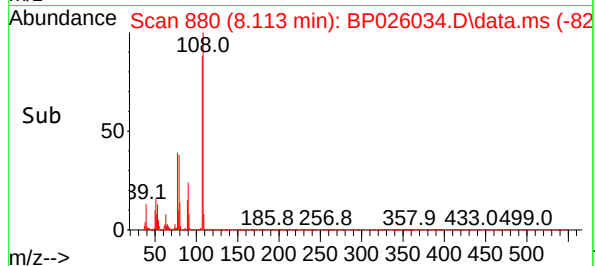
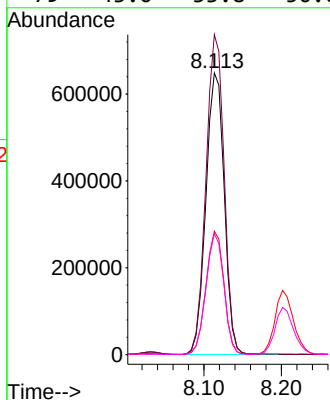
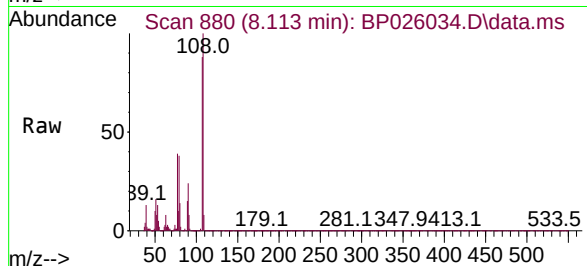




#17
2-Methylphenol
Concen: 64.741 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

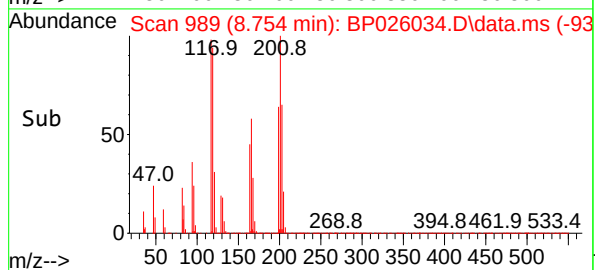
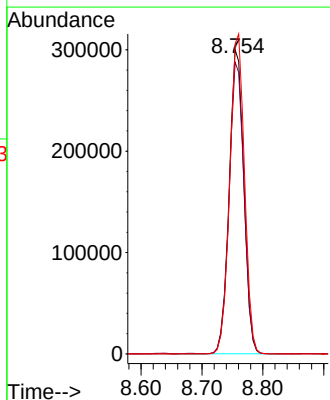
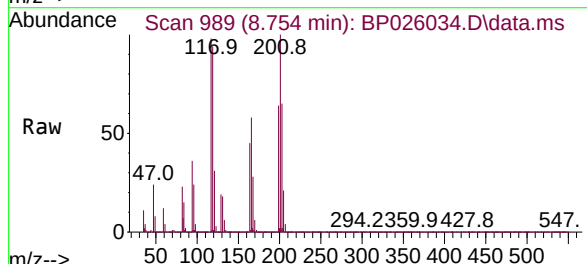
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

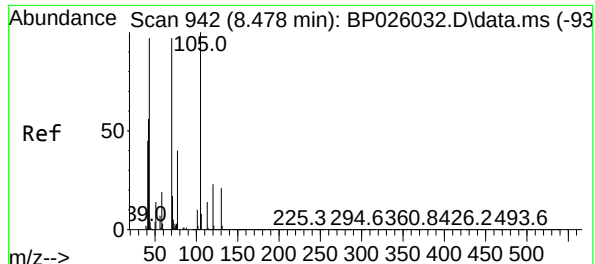
Tgt Ion:107 Resp: 1068062
Ion Ratio Lower Upper
107 100
108 113.6 89.8 134.8
77 43.8 34.8 52.2
79 43.0 33.8 50.6



#18
Hexachloroethane
Concen: 63.902 ng
RT: 8.754 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:117 Resp: 501286
Ion Ratio Lower Upper
117 100
119 95.9 76.5 114.7
201 102.0 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 64.223 ng

RT: 8.484 min Scan# 94

Delta R.T. -0.006 min

Lab File: BP026034.D

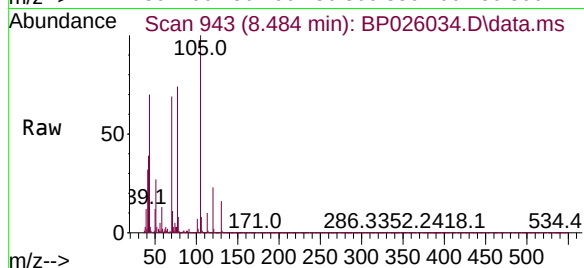
Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

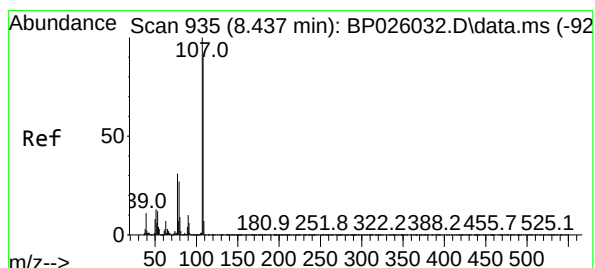
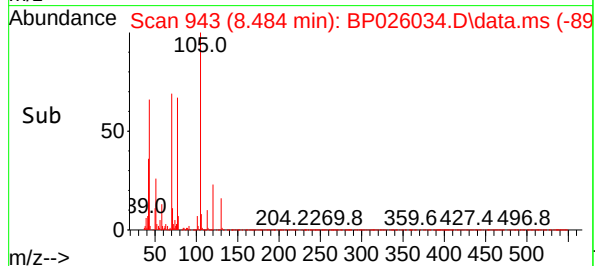
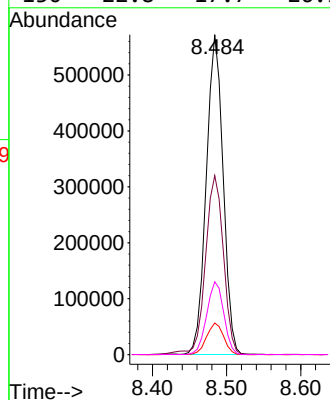
ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 904719

Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.2	70.8
101	9.9	8.2	12.2
130	22.8	17.7	26.5



#20

3+4-Methylphenols

Concen: 63.287 ng

RT: 8.437 min Scan# 935

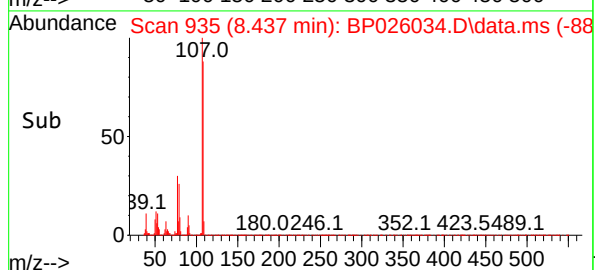
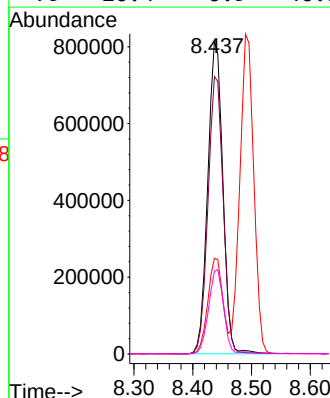
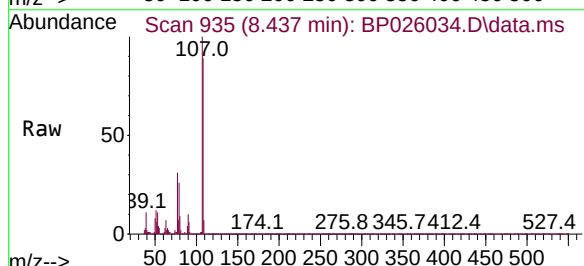
Delta R.T. -0.006 min

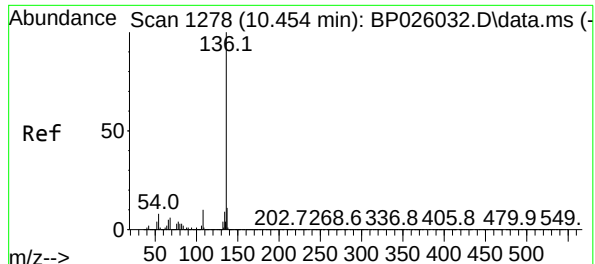
Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion: 107 Resp: 1452480

Ion	Ratio	Lower	Upper
107	100		
108	88.7	70.1	110.1
77	30.6	10.7	50.7
79	26.4	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.448 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 1188234

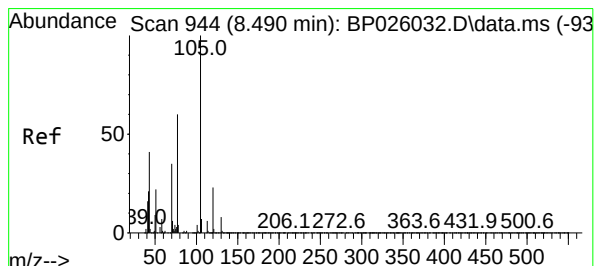
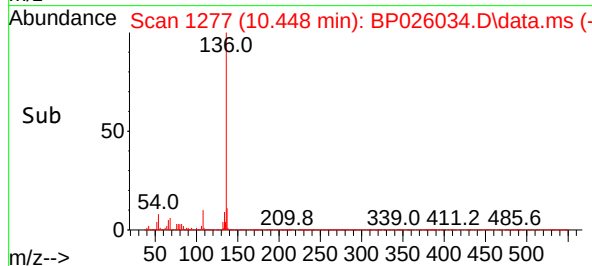
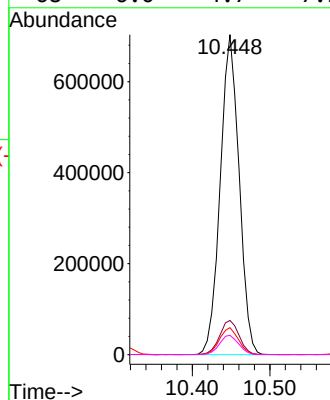
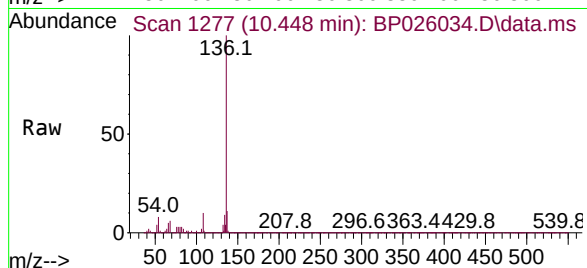
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.4 6.6 10.0

68 6.0 4.7 7.1



#22

Acetophenone

Concen: 62.324 ng

RT: 8.490 min Scan# 944

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion:105 Resp: 1872894

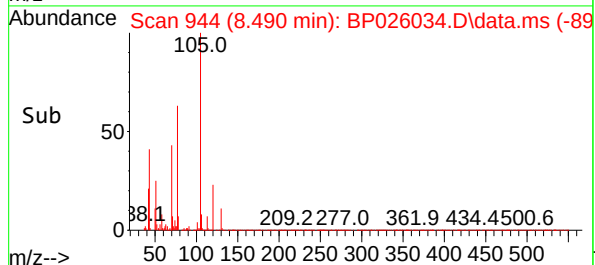
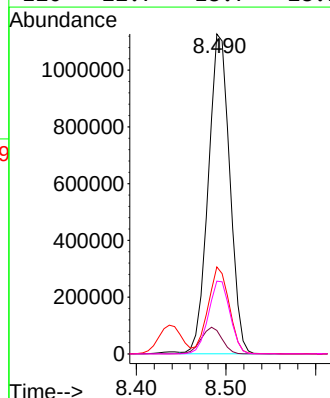
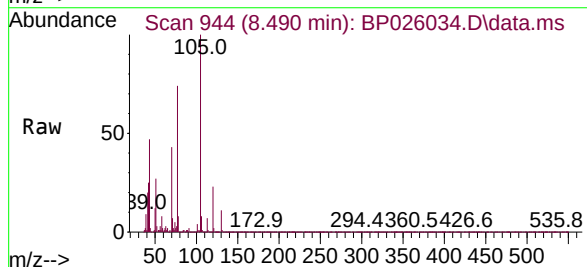
Ion Ratio Lower Upper

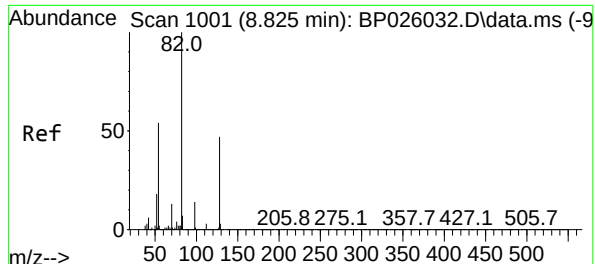
105 100

71 7.3 4.7 7.1

51 27.2 21.8 32.8

120 22.7 18.7 28.1





#23

Nitrobenzene-d5

Concen: 134.112 ng

RT: 8.825 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

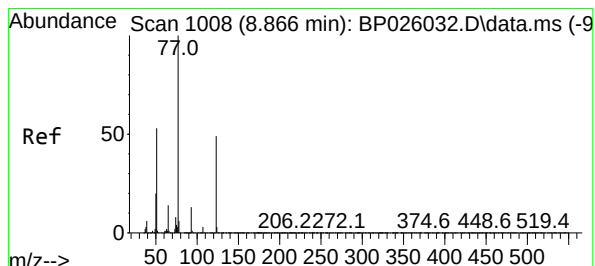
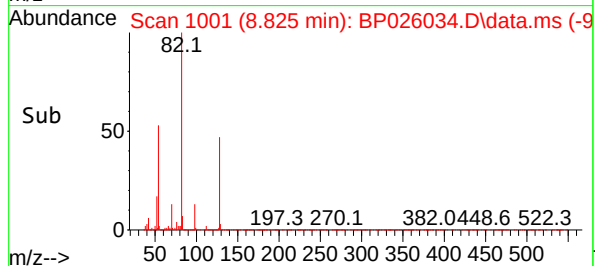
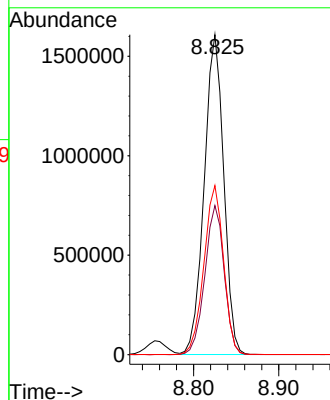
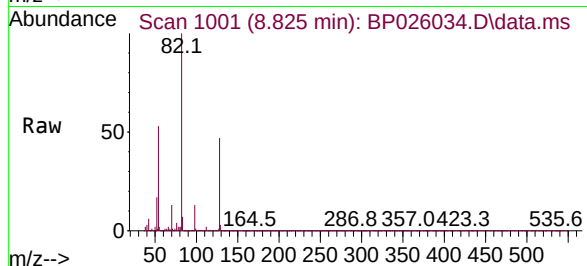
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 2556249

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.4	56.0
54	52.8	42.7	64.1



#24

Nitrobenzene

Concen: 65.646 ng

RT: 8.866 min Scan# 1008

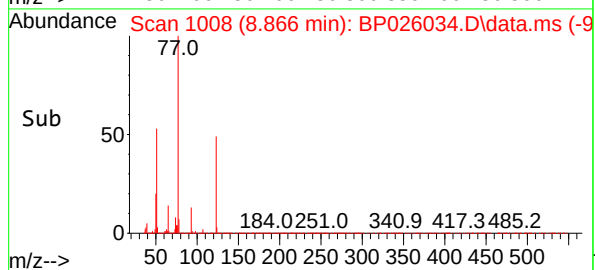
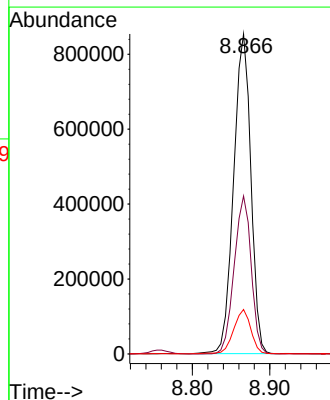
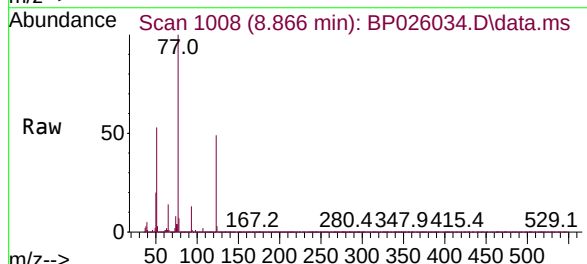
Delta R.T. 0.000 min

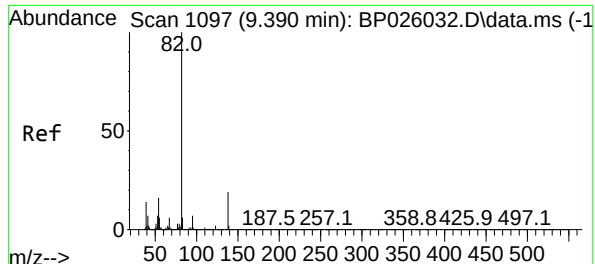
Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion: 77 Resp: 1321111

Ion	Ratio	Lower	Upper
77	100		
123	49.3	39.0	58.4
65	13.9	10.9	16.3





#25

Isophorone

Concen: 63.763 ng

RT: 9.384 min Scan# 1096

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

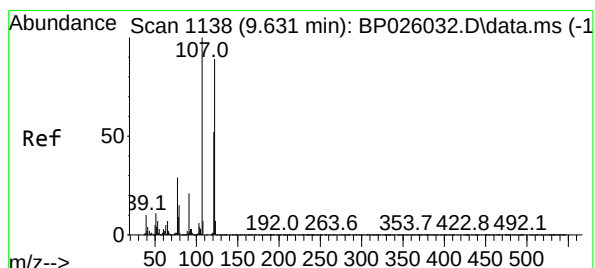
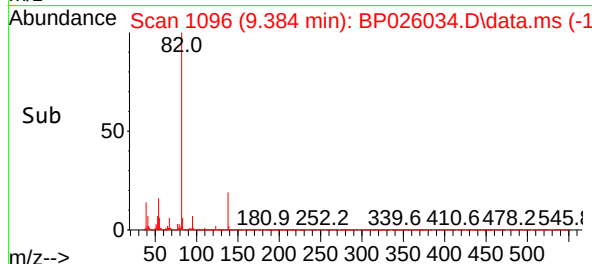
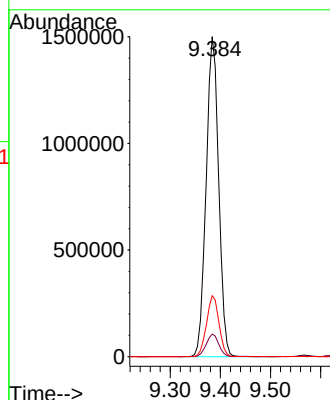
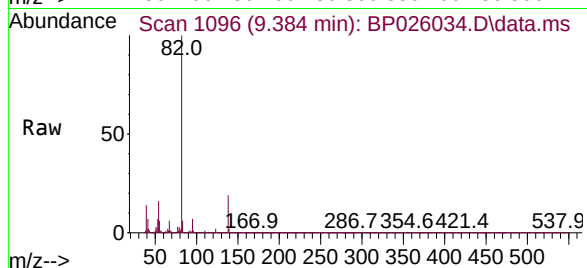
Tgt Ion: 82 Resp: 2601391

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

138 19.0 15.0 22.6



#27

2,4-Dimethylphenol

Concen: 65.520 ng

RT: 9.625 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

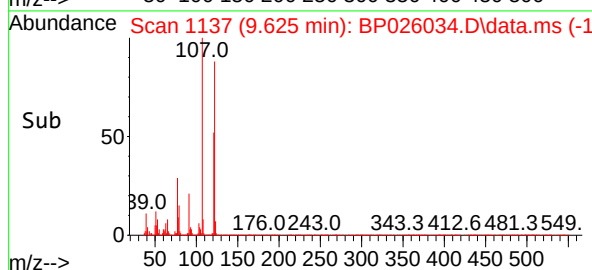
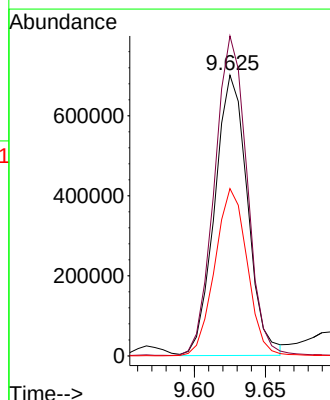
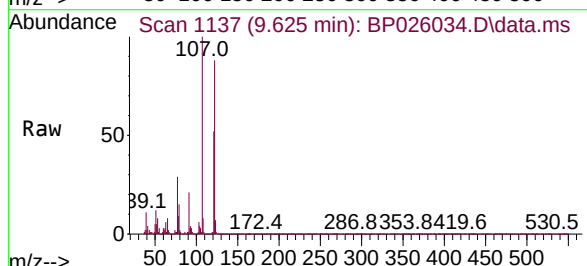
Tgt Ion: 122 Resp: 1124076

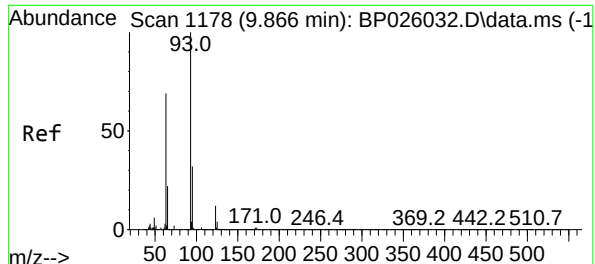
Ion Ratio Lower Upper

122 100

107 114.0 89.2 133.8

121 59.6 46.3 69.5





#28

bis(2-Chloroethoxy)methane

Concen: 62.561 ng

RT: 9.872 min Scan# 1178

Delta R.T. 0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

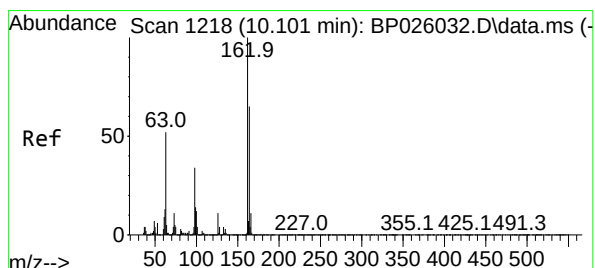
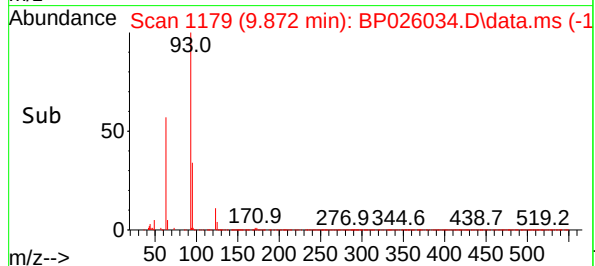
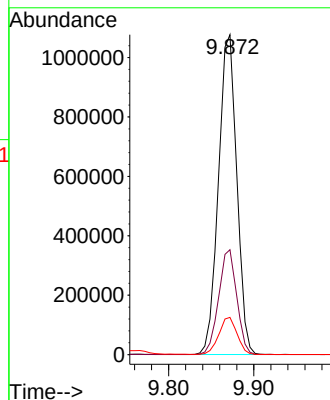
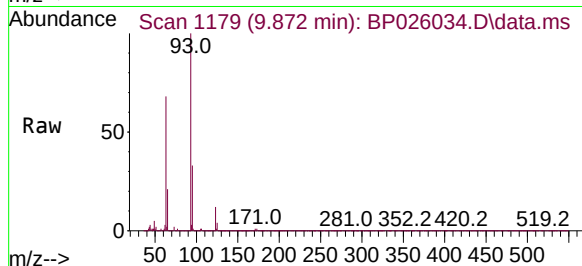
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 93 Resp: 1608539

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.8	38.6
123	11.6	9.3	13.9



#29

2,4-Dichlorophenol

Concen: 66.994 ng

RT: 10.096 min Scan# 1217

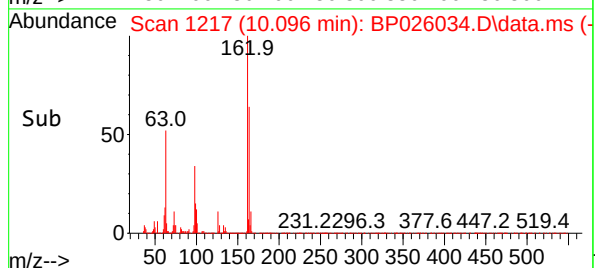
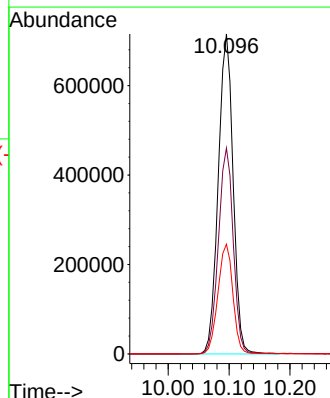
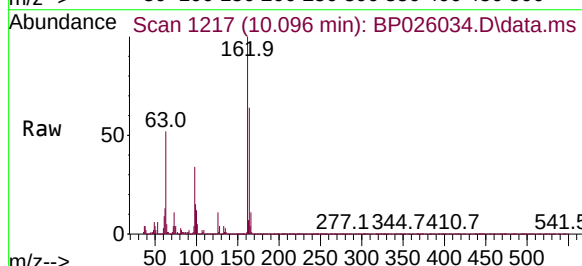
Delta R.T. 0.000 min

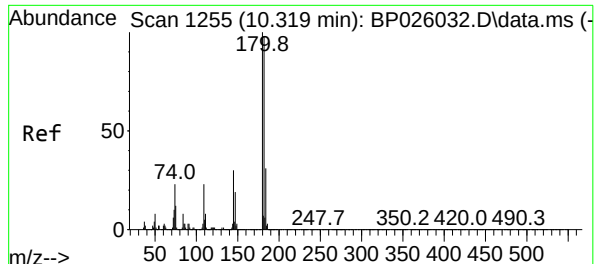
Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion: 162 Resp: 1213575

Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	34.3	14.0	54.0





#30

1,2,4-Trichlorobenzene

Concen: 62.905 ng

RT: 10.313 min Scan# 1255

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

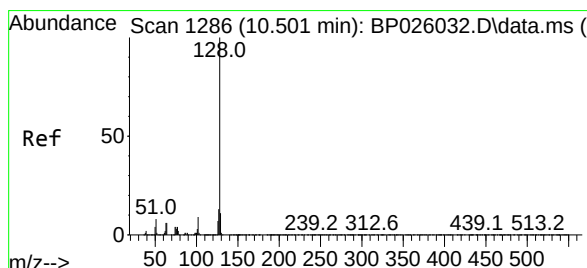
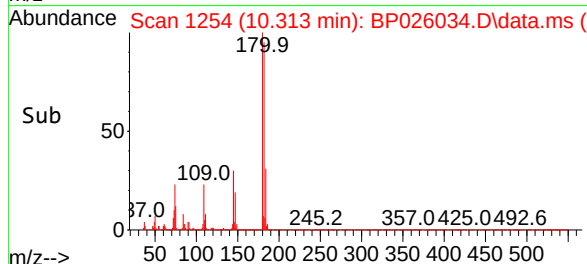
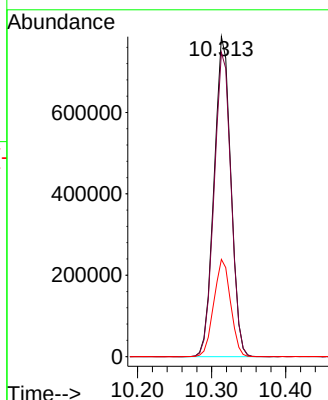
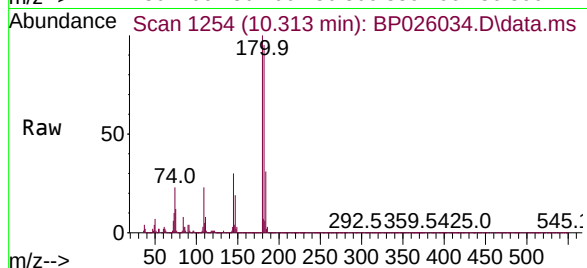
Tgt Ion:180 Resp: 1238545

Ion Ratio Lower Upper

180 100

182 95.0 78.6 117.8

145 30.4 24.2 36.4



#31

Naphthalene

Concen: 62.555 ng

RT: 10.501 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

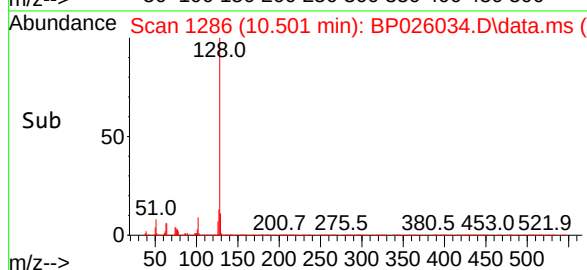
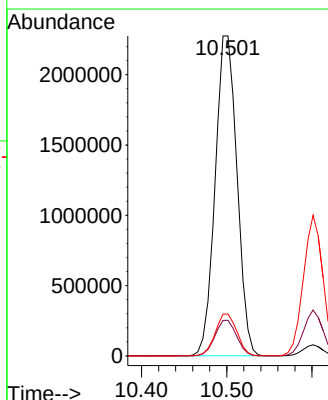
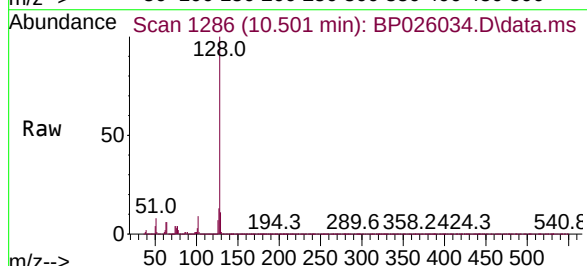
Tgt Ion:128 Resp: 4053338

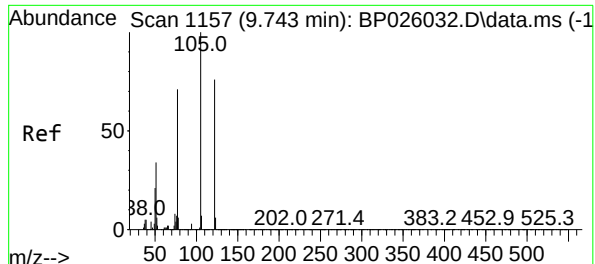
Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.1 10.5 15.7

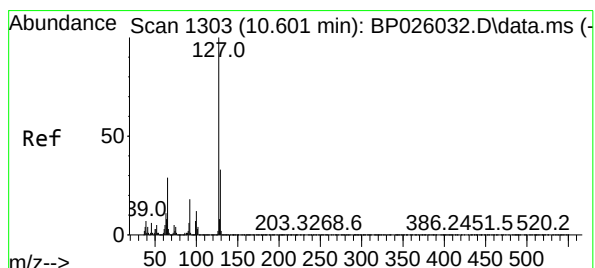
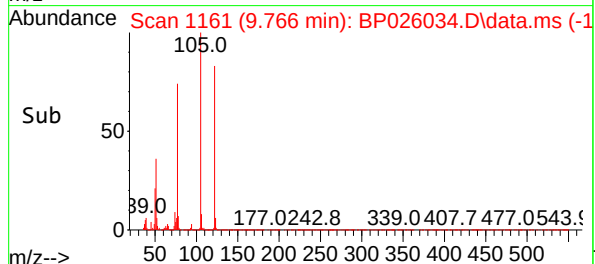
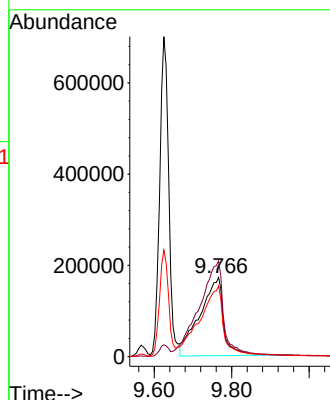
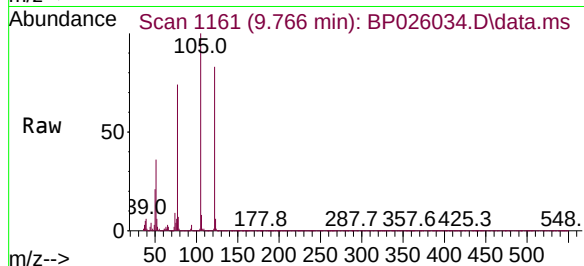




#32
Benzoic acid
Concen: 63.317 ng
RT: 9.766 min Scan# 1161
Delta R.T. -0.012 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

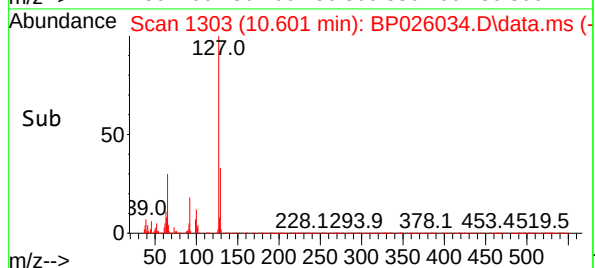
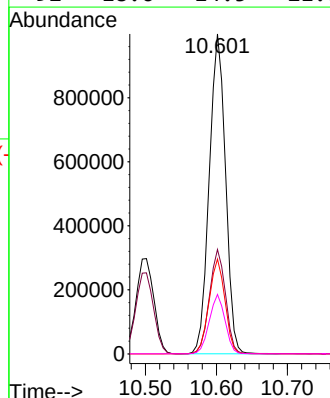
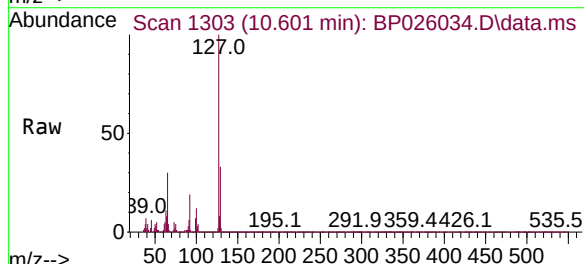
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

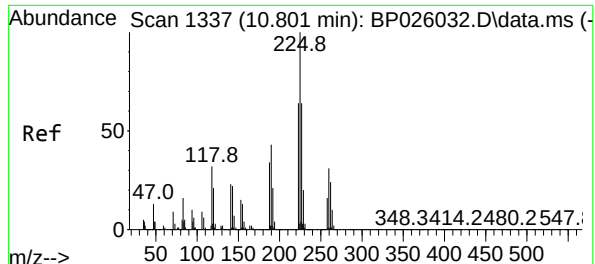
Tgt Ion:122 Resp: 733177
Ion Ratio Lower Upper
122 100
105 120.7 104.8 144.8
77 89.0 70.9 110.9



#33
4-Chloroaniline
Concen: 63.721 ng
RT: 10.601 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:127 Resp: 1586613
Ion Ratio Lower Upper
127 100
129 32.6 26.0 39.0
65 29.6 23.2 34.8
92 18.6 14.5 21.7

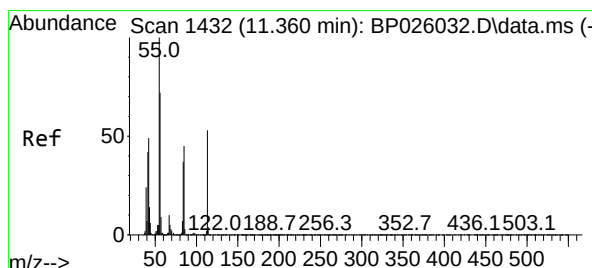
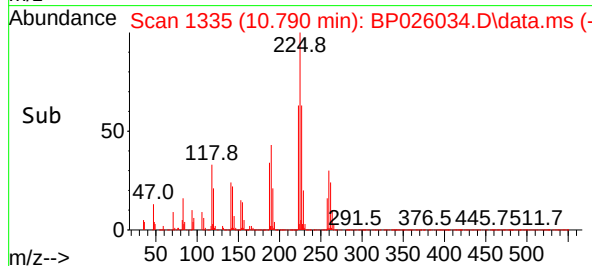
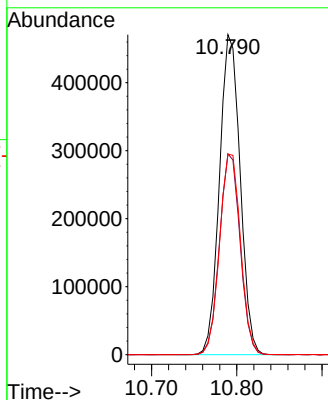
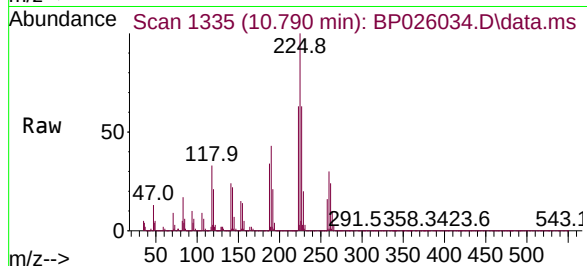




#34
Hexachlorobutadiene
Concen: 63.376 ng
RT: 10.790 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

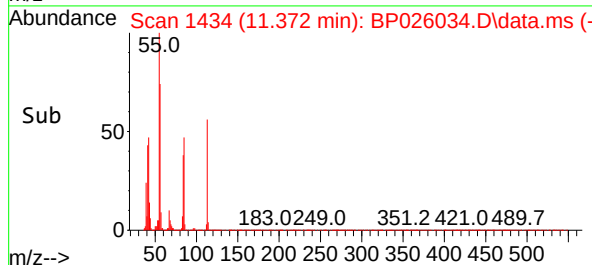
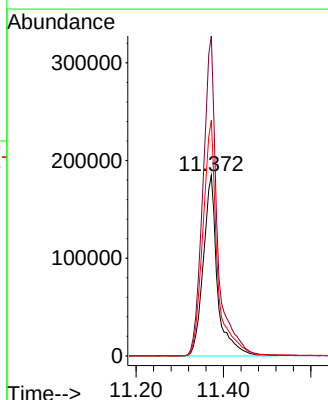
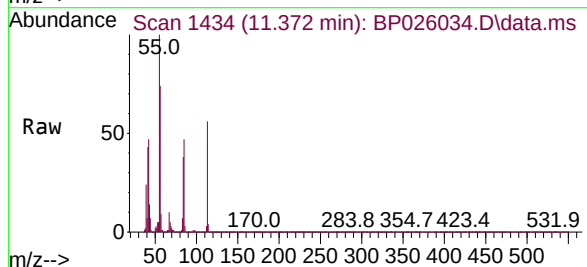
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

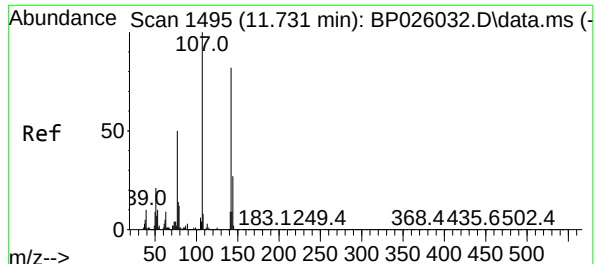
Tgt Ion:225 Resp: 792964
Ion Ratio Lower Upper
225 100
223 62.7 50.9 76.3
227 62.7 51.0 76.4



#35
Caprolactam
Concen: 65.121 ng
RT: 11.372 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:113 Resp: 414253
Ion Ratio Lower Upper
113 100
55 177.3 169.9 209.9
56 130.6 116.7 156.7

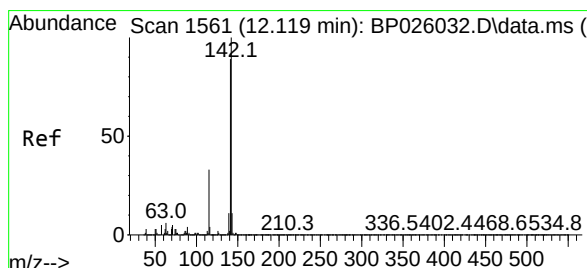
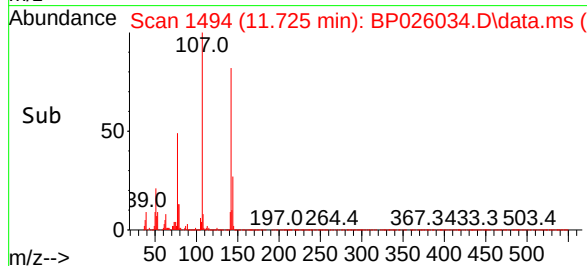
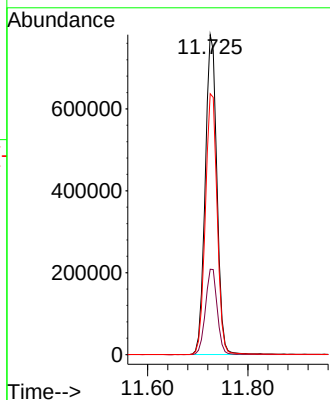
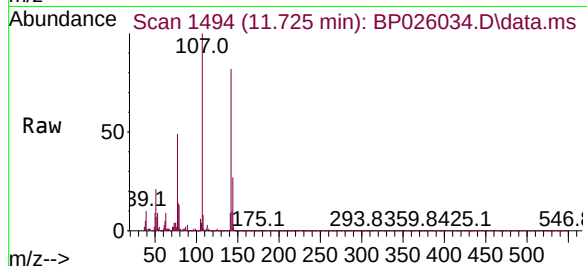




#36
4-Chloro-3-methylphenol
Concen: 66.778 ng
RT: 11.725 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

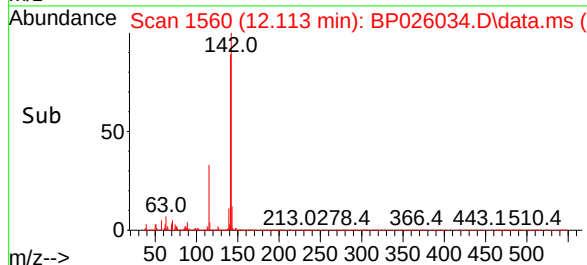
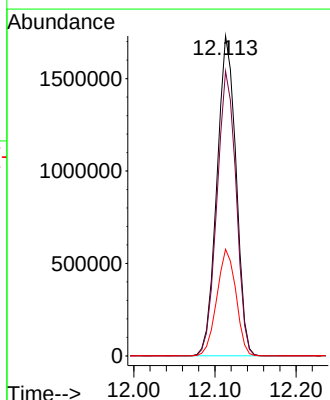
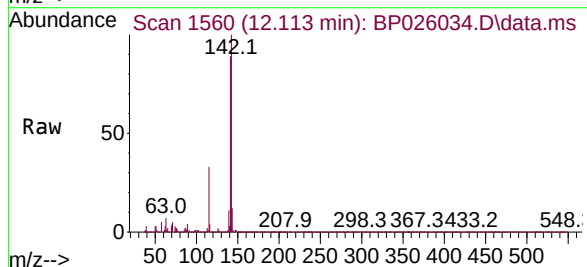
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

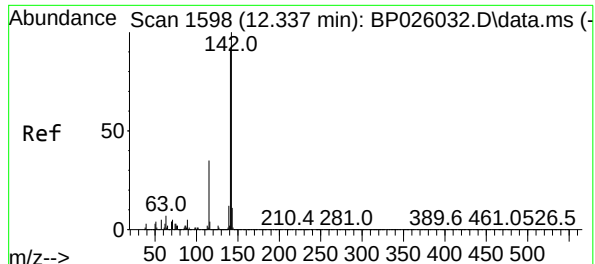
Tgt Ion:107 Resp: 1268077
Ion Ratio Lower Upper
107 100
144 26.7 21.3 31.9
142 81.5 65.2 97.8



#37
2-Methylnaphthalene
Concen: 62.316 ng
RT: 12.113 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:142 Resp: 2826130
Ion Ratio Lower Upper
142 100
141 89.0 71.6 107.4
115 33.3 26.6 39.8





#38

1-Methylnaphthalene

Concen: 62.303 ng

RT: 12.337 min Scan# 11

Delta R.T. 0.001 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

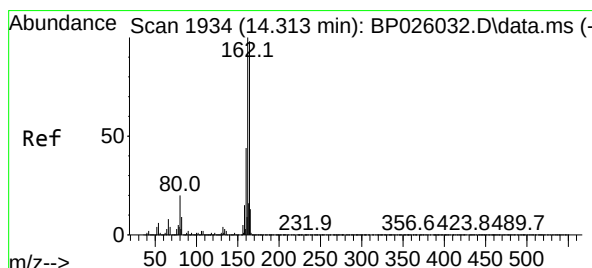
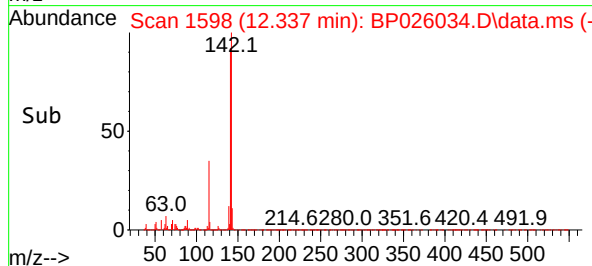
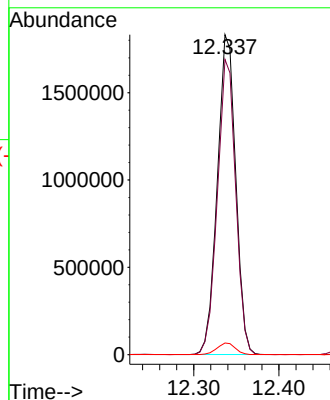
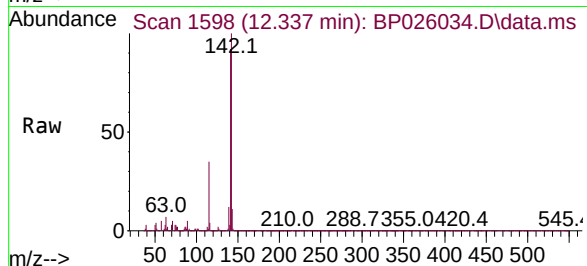
Tgt Ion:142 Resp: 2744994

Ion Ratio Lower Upper

142 100

141 92.2 72.7 109.1

116 3.6 2.9 4.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

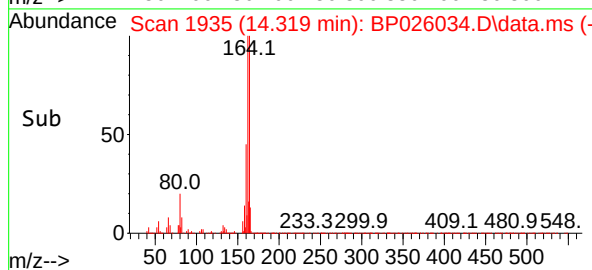
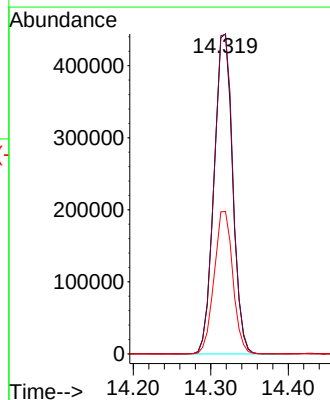
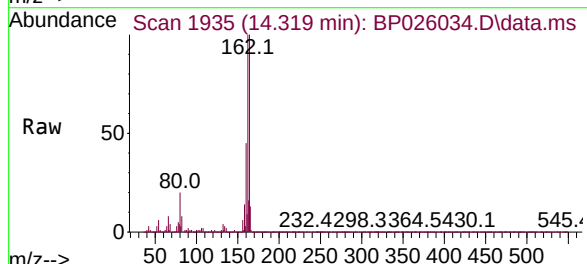
Tgt Ion:164 Resp: 740246

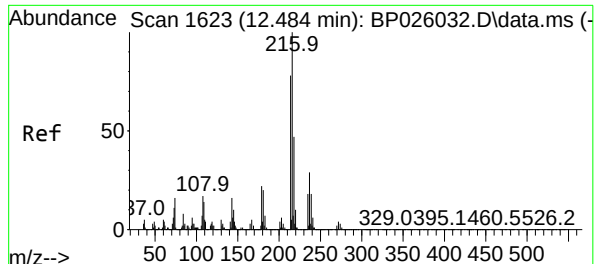
Ion Ratio Lower Upper

164 100

162 99.9 81.5 122.3

160 44.5 36.2 54.4





#40

1,2,4,5-Tetrachlorobenzene

Concen: 63.152 ng

RT: 12.490 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:216 Resp: 1452519

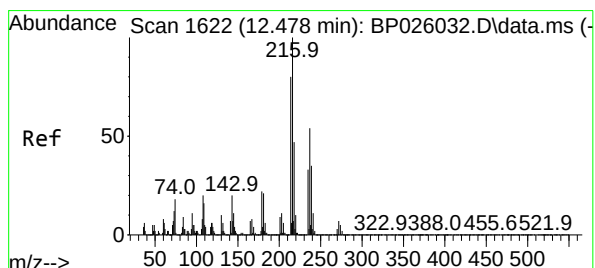
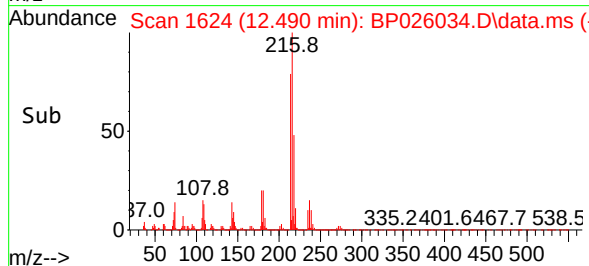
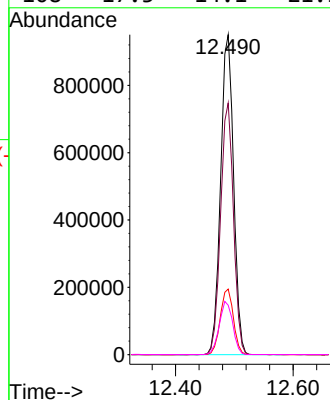
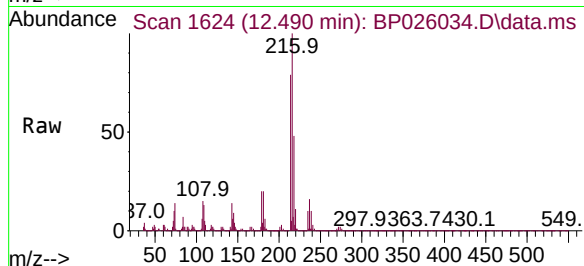
Ion Ratio Lower Upper

216 100

214 78.2 62.9 94.3

179 20.8 16.9 25.3

108 17.3 14.1 21.1



#41

Hexachlorocyclopentadiene

Concen: 68.581 ng

RT: 12.478 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

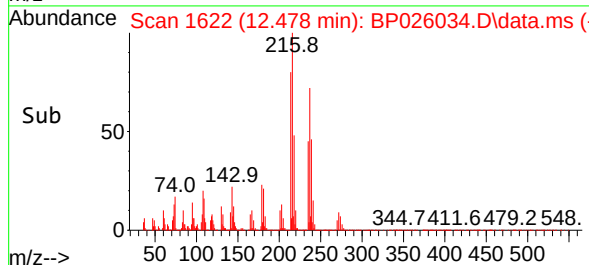
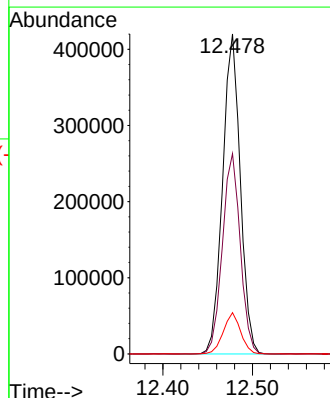
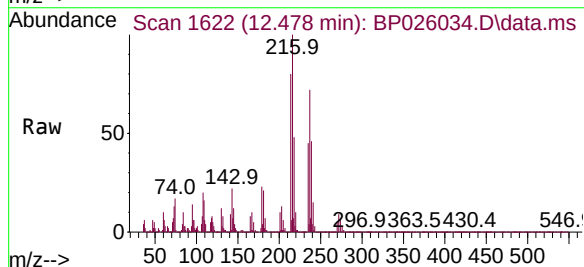
Tgt Ion:237 Resp: 577139

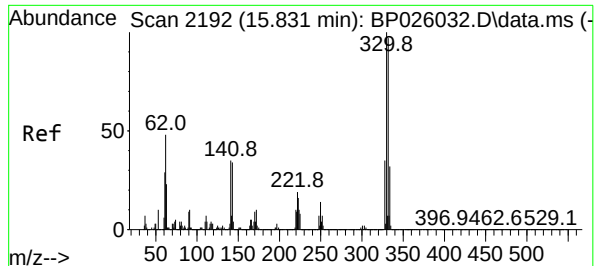
Ion Ratio Lower Upper

237 100

235 62.6 40.4 80.4

272 12.9 0.0 32.2

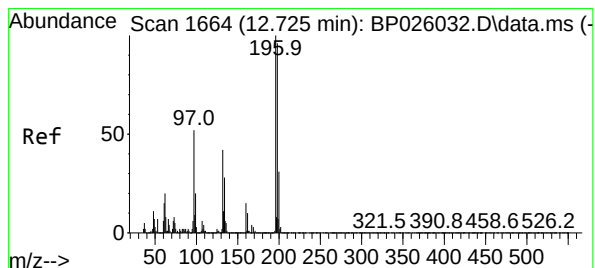
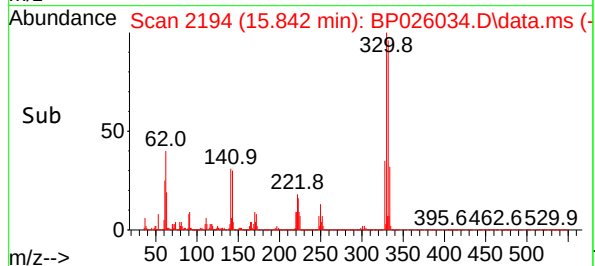
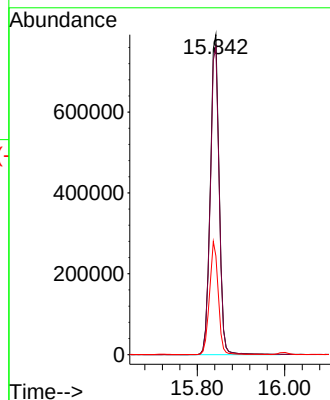
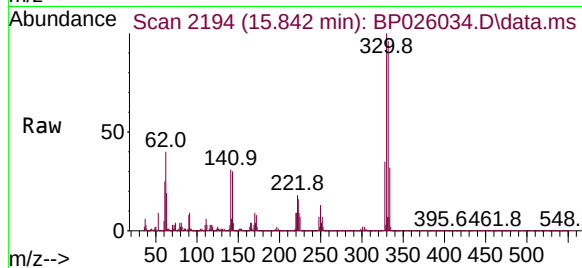




#42
2,4,6-Tribromophenol
Concen: 138.661 ng
RT: 15.842 min Scan# 2192
Delta R.T. 0.012 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

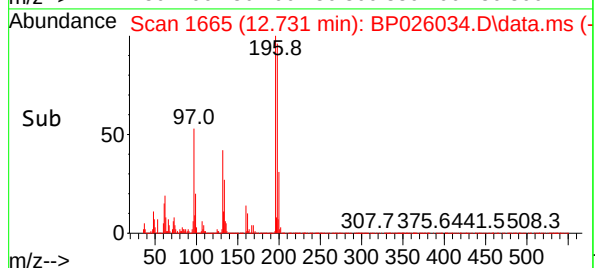
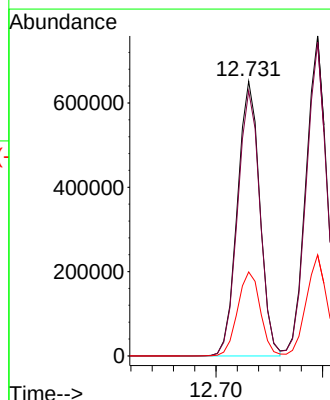
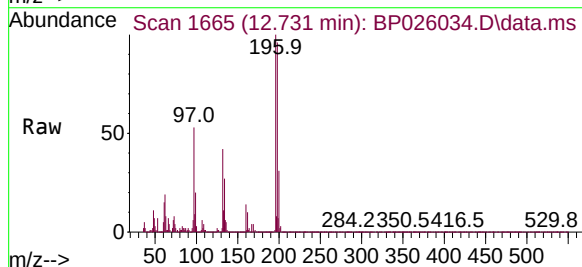
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

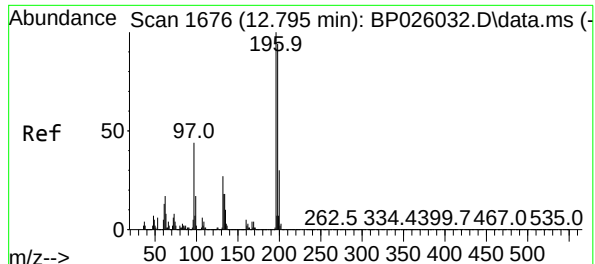
Tgt Ion:330 Resp: 1109676
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 34.7 28.6 42.8



#43
2,4,6-Trichlorophenol
Concen: 69.685 ng
RT: 12.731 min Scan# 1665
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:196 Resp: 947367
Ion Ratio Lower Upper
196 100
198 96.5 76.5 114.7
200 30.6 24.4 36.6

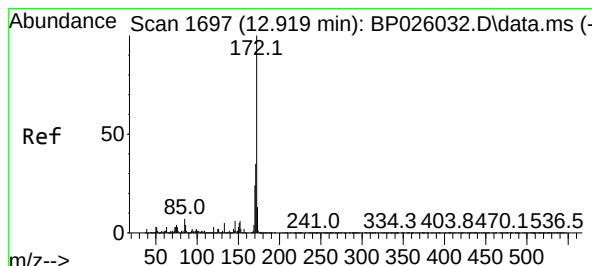
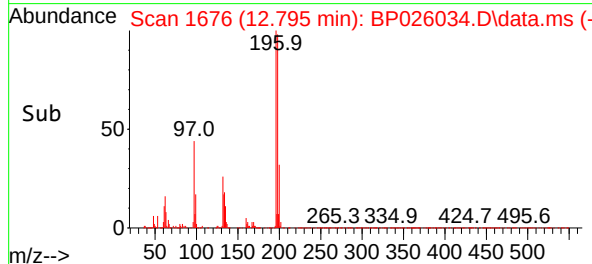
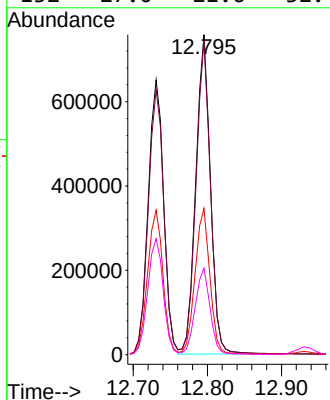
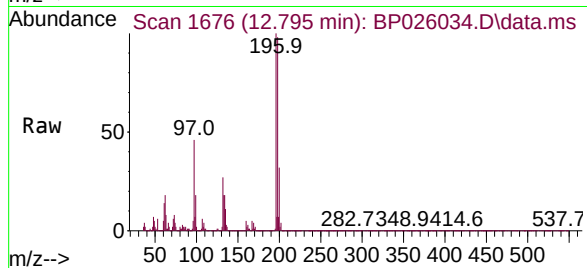




#44
2,4,5-Trichlorophenol
Concen: 67.173 ng
RT: 12.795 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

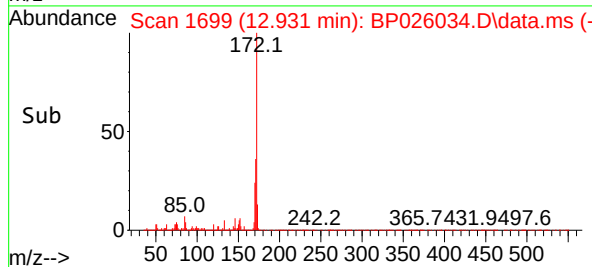
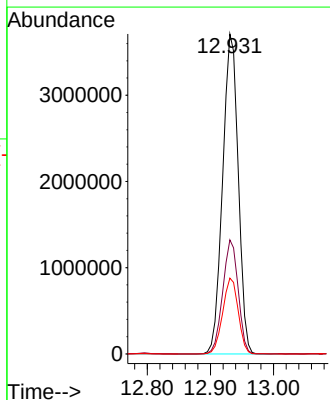
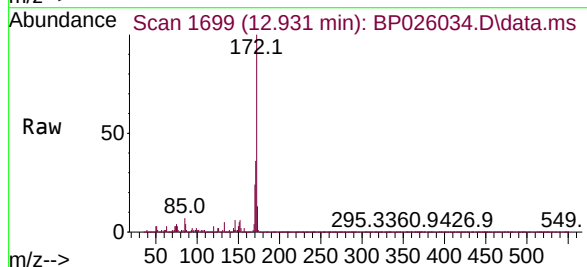
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

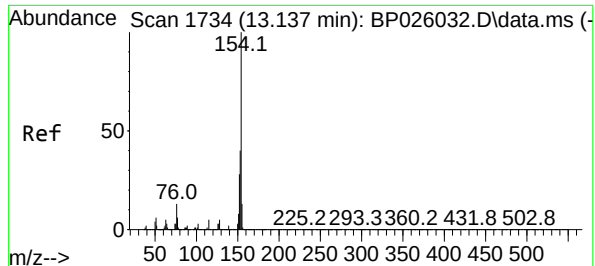
Tgt Ion:196 Resp: 1042039
Ion Ratio Lower Upper
196 100
198 98.0 75.1 112.7
97 45.7 35.5 53.3
132 27.0 21.6 32.4



#45
2-Fluorobiphenyl
Concen: 123.451 ng
RT: 12.931 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:172 Resp: 6359685
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.7 19.0 28.4

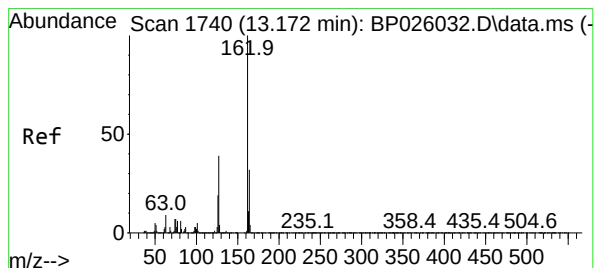
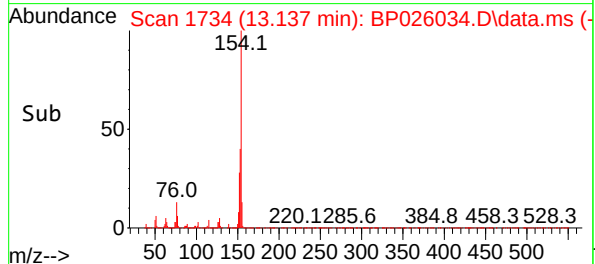
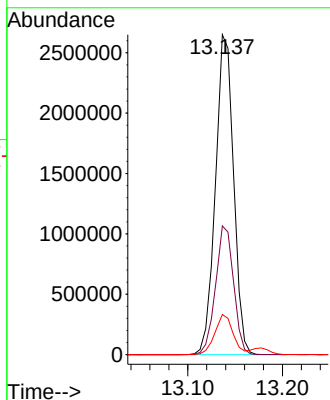
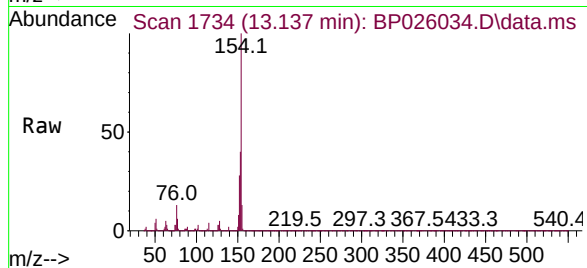




#46
1,1'-Biphenyl
Concen: 62.090 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

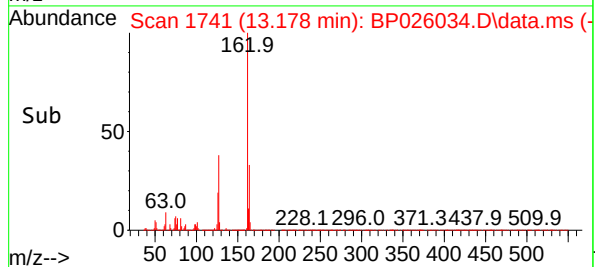
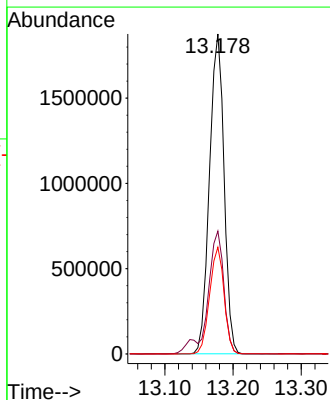
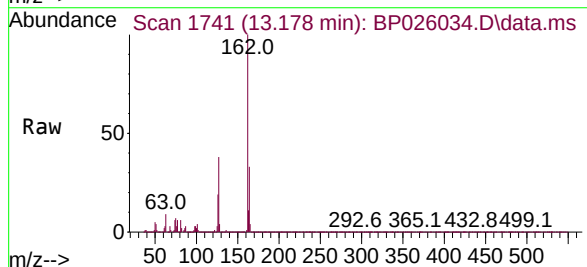
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

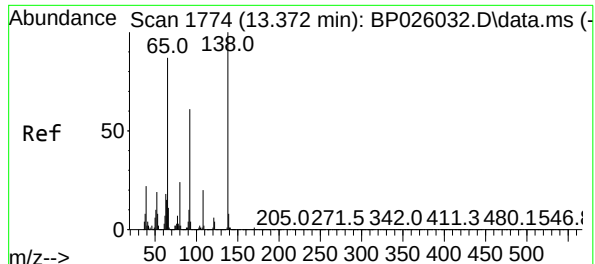
Tgt Ion:154 Resp: 3519299
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 12.5 0.0 32.8



#47
2-Chloronaphthalene
Concen: 62.380 ng
RT: 13.178 min Scan# 1741
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:162 Resp: 2781932
Ion Ratio Lower Upper
162 100
127 38.4 31.4 47.2
164 33.3 25.9 38.9

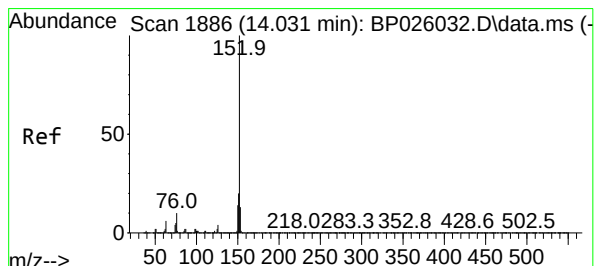
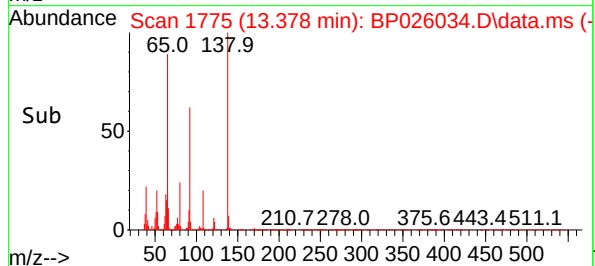
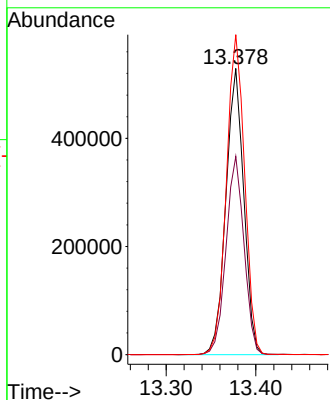
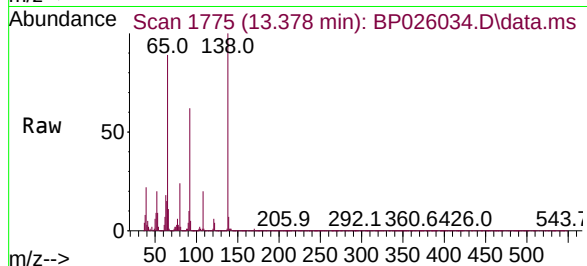




#48
2-Nitroaniline
Concen: 64.505 ng
RT: 13.378 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

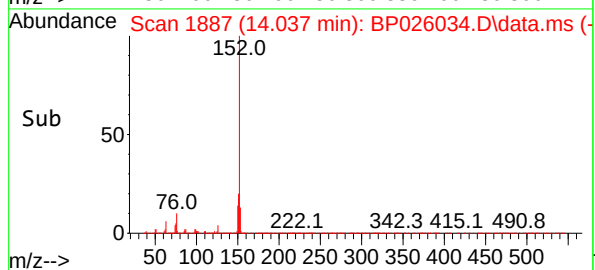
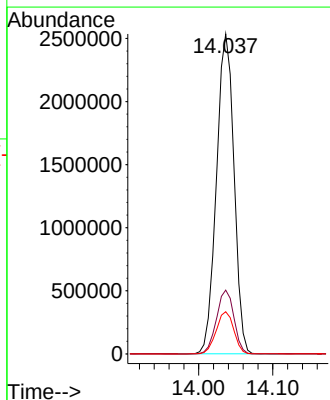
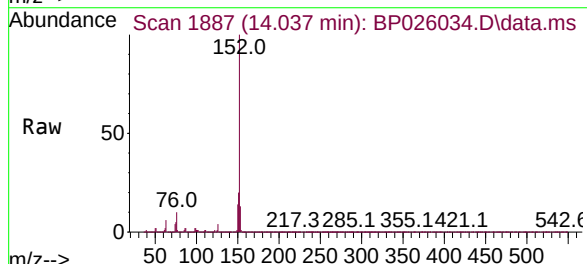
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

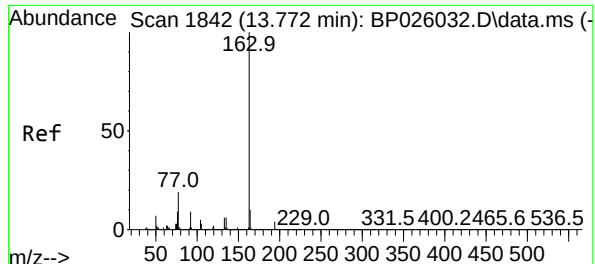
Tgt Ion: 65 Resp: 737734
Ion Ratio Lower Upper
65 100
92 69.2 55.5 83.3
138 111.8 91.7 137.5



#49
Acenaphthylene
Concen: 64.110 ng
RT: 14.037 min Scan# 1887
Delta R.T. 0.001 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 152 Resp: 4167114
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.2 10.6 16.0





#50

Dimethylphthalate

Concen: 64.073 ng

RT: 13.778 min Scan# 1842

Delta R.T. 0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

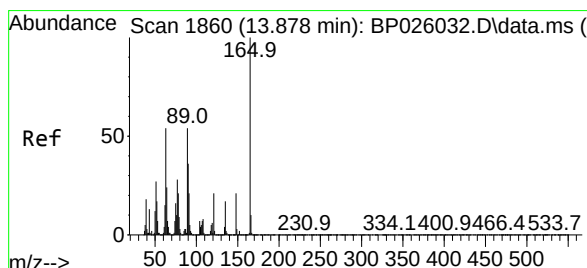
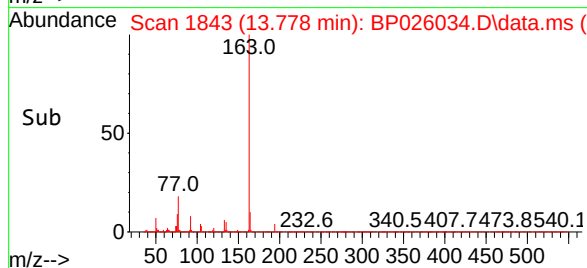
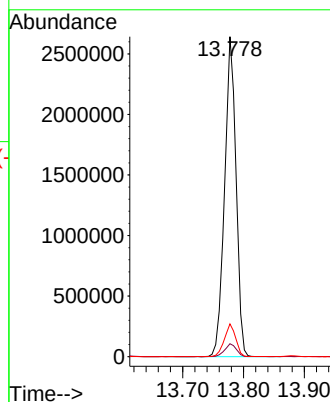
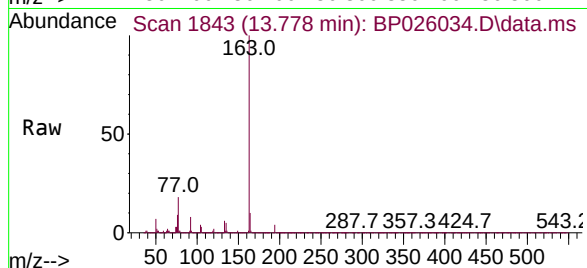
Tgt Ion:163 Resp: 3449991

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.3 8.2 12.2



#51

2,6-Dinitrotoluene

Concen: 64.811 ng

RT: 13.878 min Scan# 1860

Delta R.T. -0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

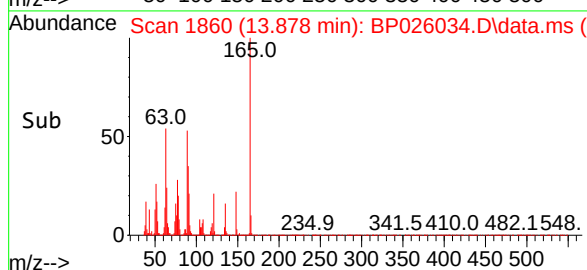
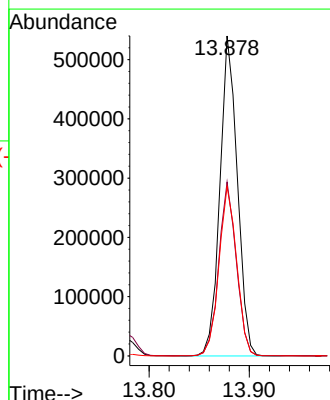
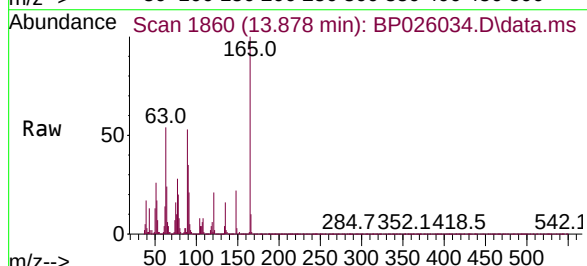
Tgt Ion:165 Resp: 652327

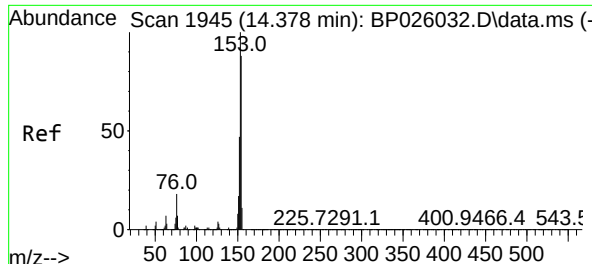
Ion Ratio Lower Upper

165 100

63 54.3 43.0 64.4

89 53.0 43.0 64.4

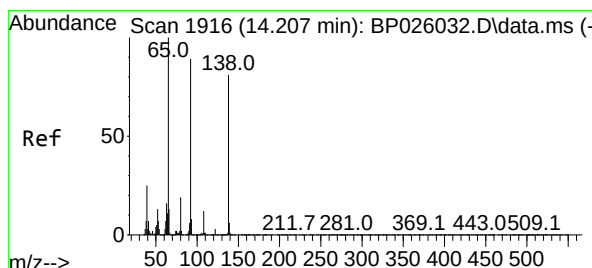
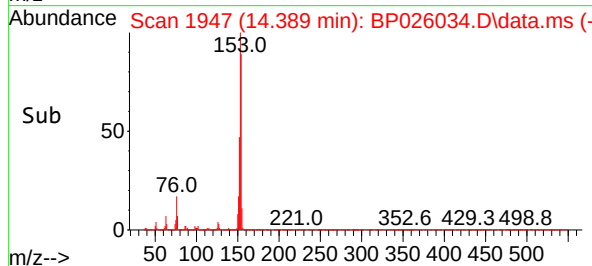
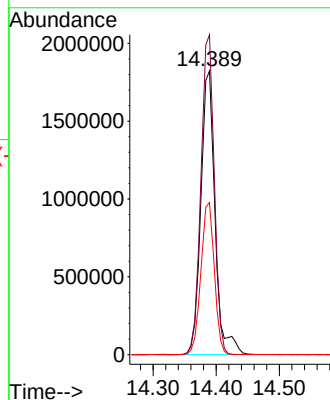
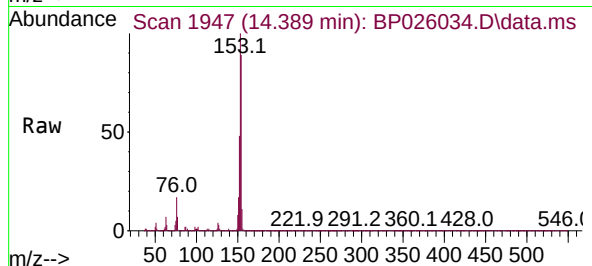




#52
Acenaphthene
Concen: 63.592 ng
RT: 14.389 min Scan# 1947
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

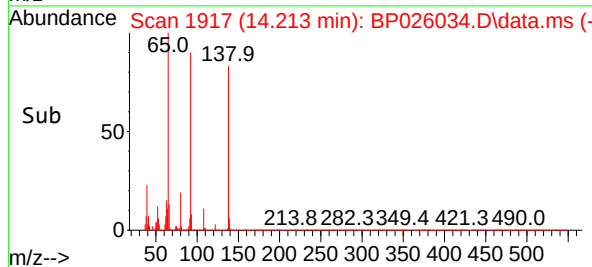
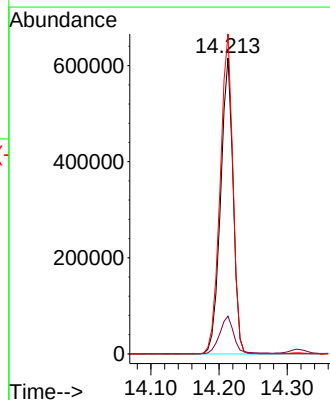
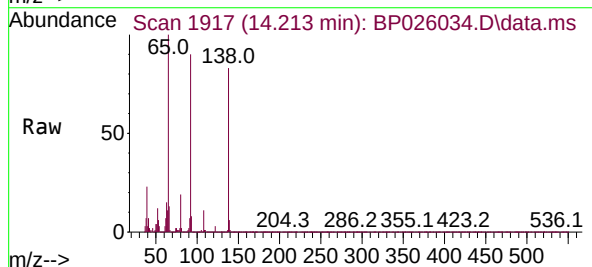
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

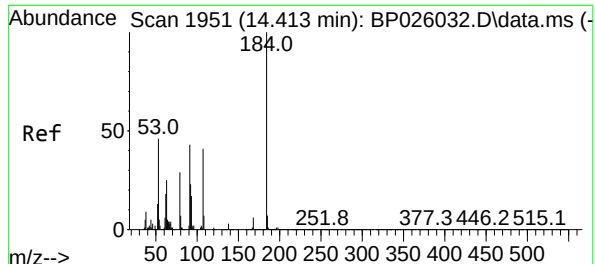
Tgt Ion:154 Resp: 2837620
Ion Ratio Lower Upper
154 100
153 112.8 91.0 136.4
152 53.6 42.7 64.1



#53
3-Nitroaniline
Concen: 63.434 ng
RT: 14.213 min Scan# 1917
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:138 Resp: 780369
Ion Ratio Lower Upper
138 100
108 12.7 11.4 17.0
92 108.1 87.1 130.7





#54

2,4-Dinitrophenol

Concen: 63.744 ng

RT: 14.425 min Scan# 1951

Delta R.T. 0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

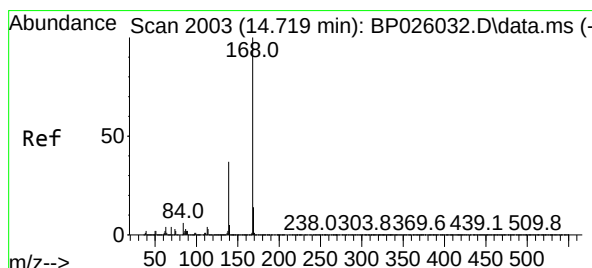
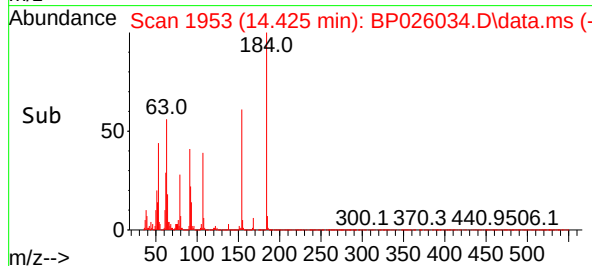
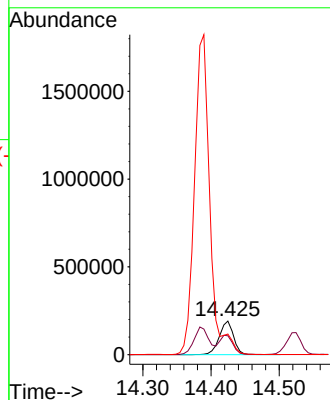
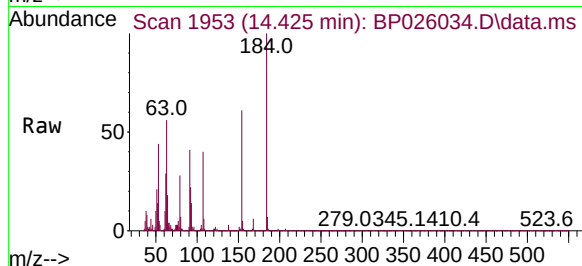
Tgt Ion:184 Resp: 274254

Ion Ratio Lower Upper

184 100

63 56.3 49.0 73.4

154 61.3 51.0 76.6



#55

Dibenzofuran

Concen: 62.047 ng

RT: 14.725 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

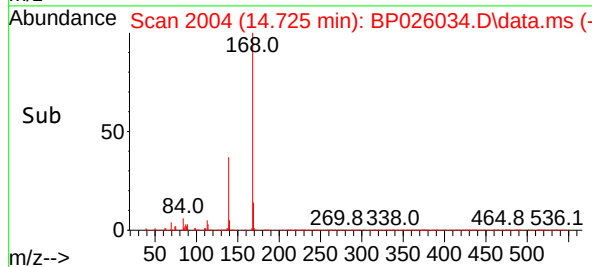
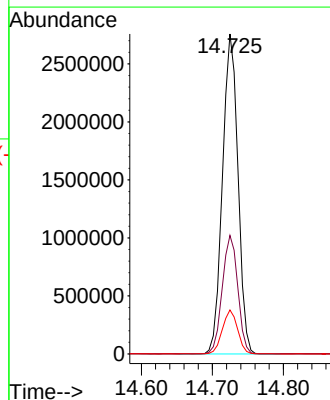
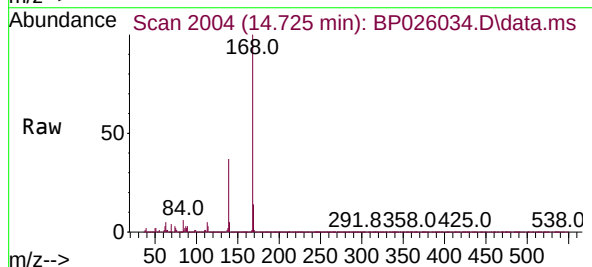
Tgt Ion:168 Resp: 4183126

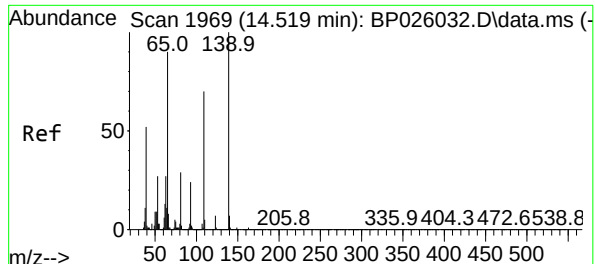
Ion Ratio Lower Upper

168 100

139 37.0 29.7 44.5

169 13.7 11.0 16.4

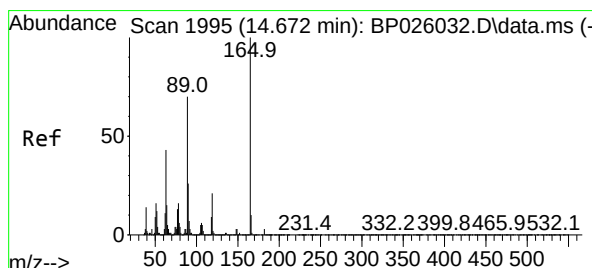
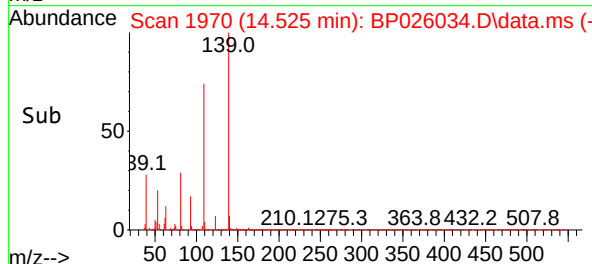
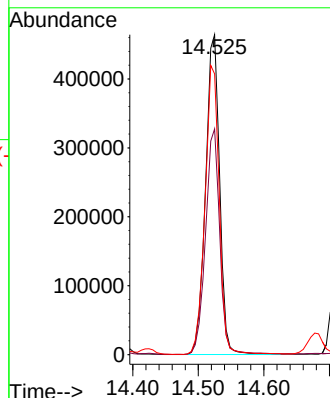
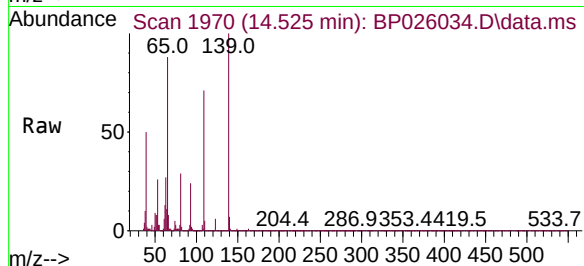




#56
4-Nitrophenol
Concen: 64.089 ng
RT: 14.525 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

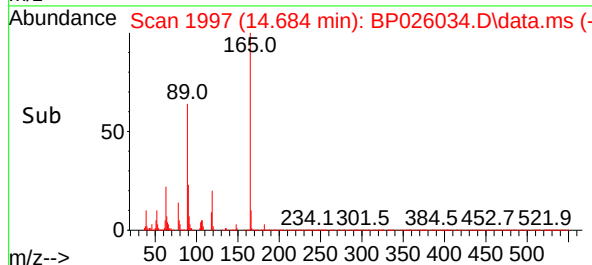
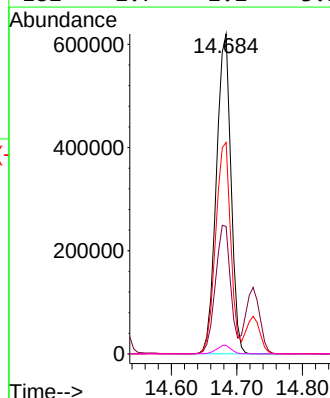
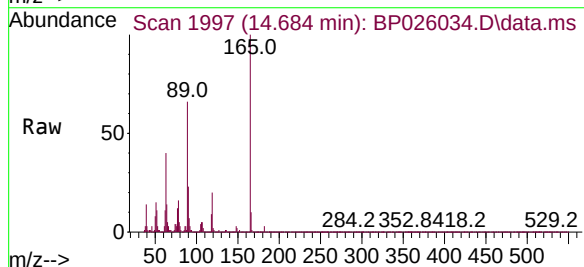
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

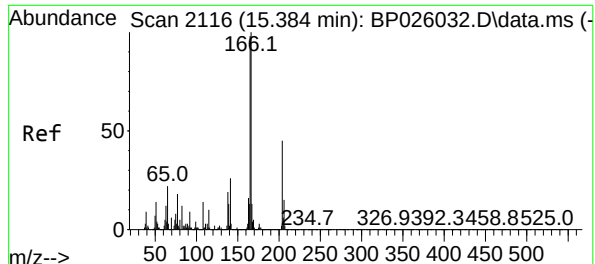
Tgt Ion:139 Resp: 688114
Ion Ratio Lower Upper
139 100
109 70.5 50.0 90.0
65 87.7 69.6 109.6



#57
2,4-Dinitrotoluene
Concen: 65.768 ng
RT: 14.684 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:165 Resp: 961200
Ion Ratio Lower Upper
165 100
63 39.8 34.2 51.2
89 66.1 56.0 84.0
182 2.7 2.2 3.2

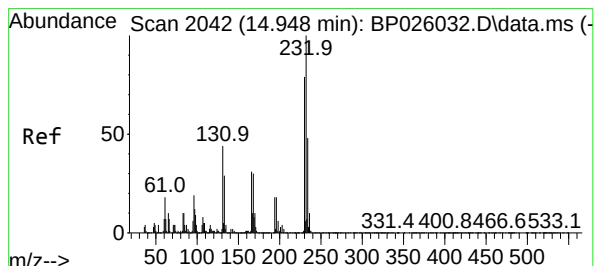
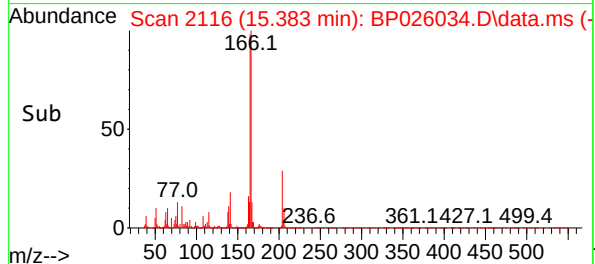
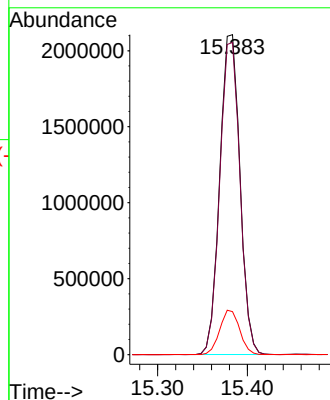
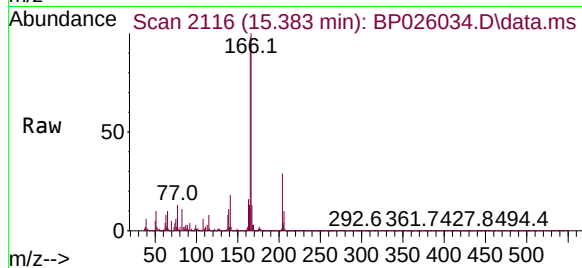




#58
Fluorene
Concen: 62.737 ng
RT: 15.383 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

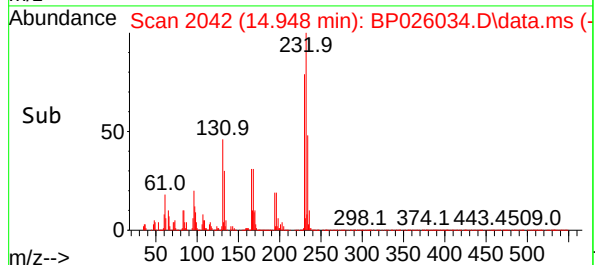
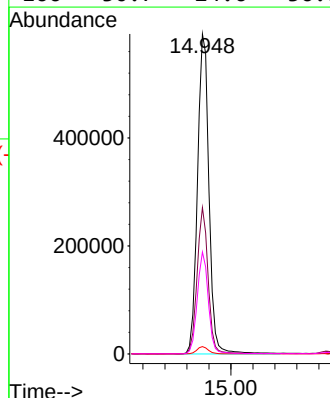
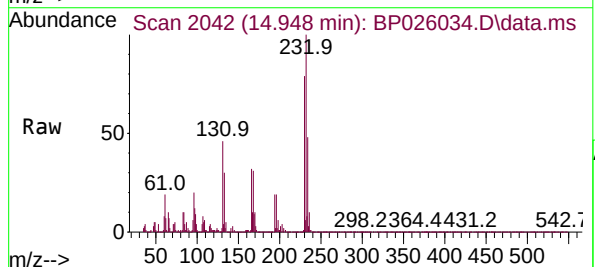
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

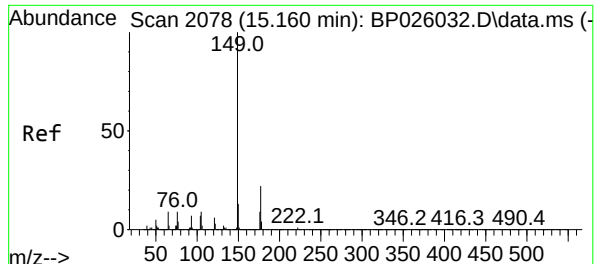
Tgt Ion:166 Resp: 3313648
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.4 10.6 16.0



#59
2,3,4,6-Tetrachlorophenol
Concen: 70.360 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:232 Resp: 858179
Ion Ratio Lower Upper
232 100
131 43.8 35.2 52.8
130 2.3 1.7 2.5
166 30.7 24.6 36.8

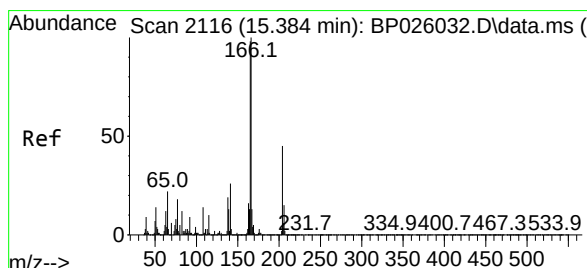
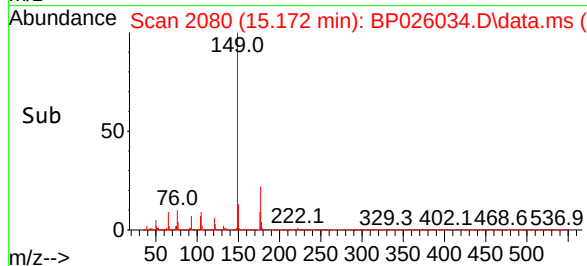
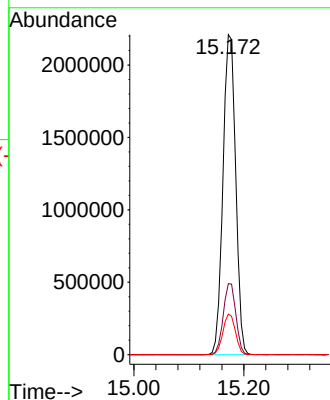
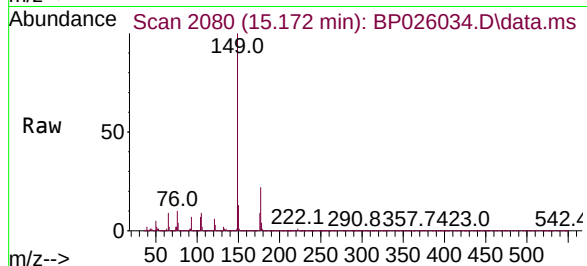




#60
Diethylphthalate
Concen: 65.288 ng
RT: 15.172 min Scan# 2078
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

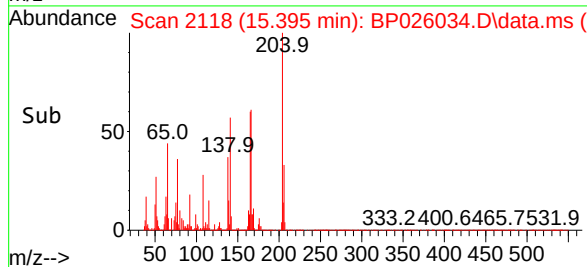
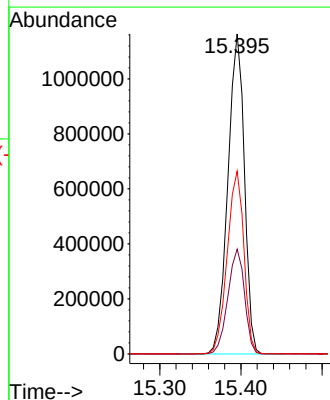
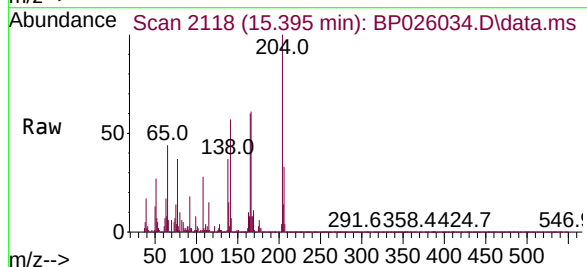
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

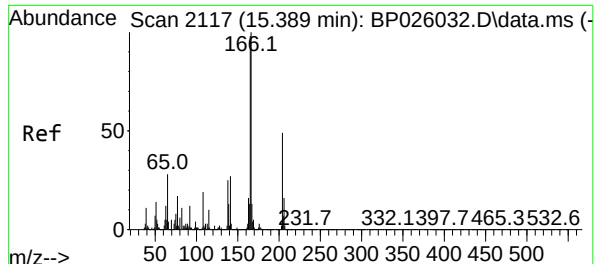
Tgt Ion:149 Resp: 3534128
Ion Ratio Lower Upper
149 100
177 22.2 17.9 26.9
150 12.7 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 62.210 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:204 Resp: 1640879
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 57.1 47.0 70.4

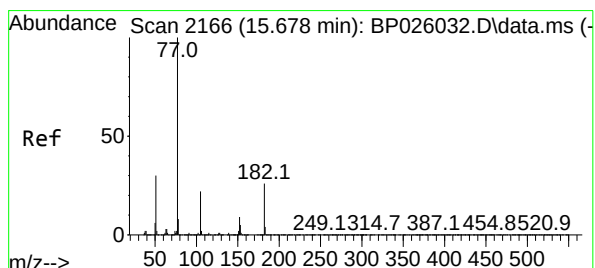
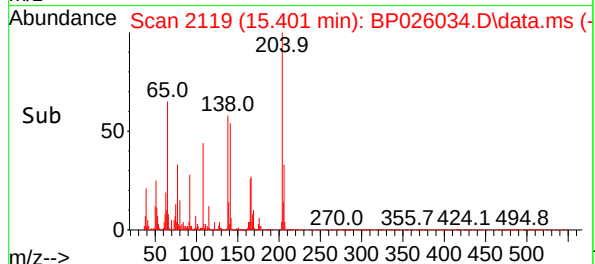
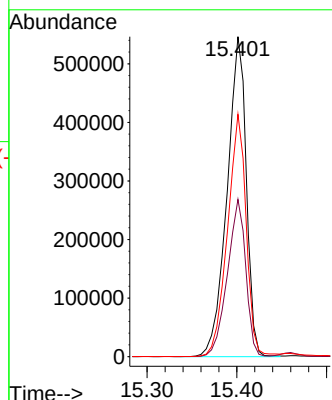
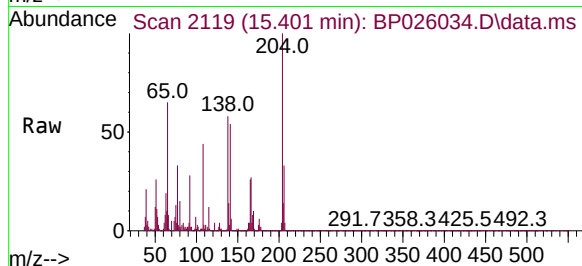




#62
4-Nitroaniline
Concen: 71.051 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

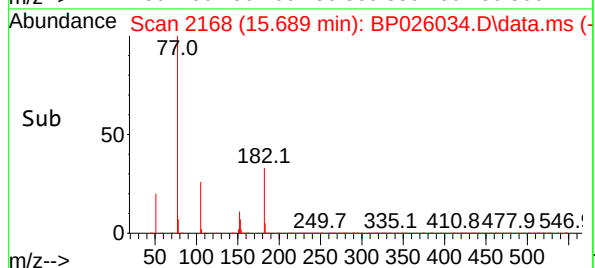
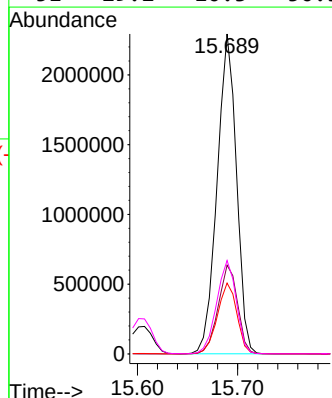
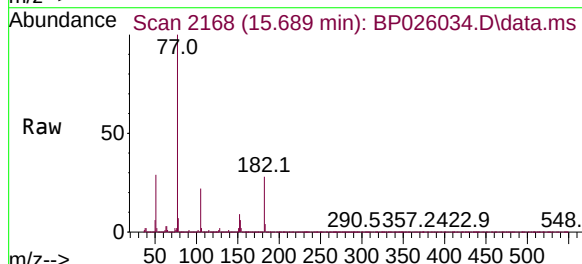
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

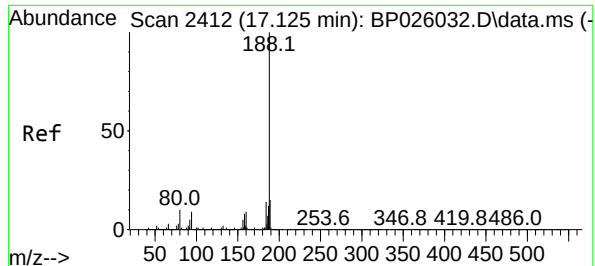
Tgt Ion:138 Resp: 817496
Ion Ratio Lower Upper
138 100
92 49.1 28.2 68.2
108 75.7 56.0 96.0



#63
Azobenzene
Concen: 62.764 ng
RT: 15.689 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion: 77 Resp: 3079138
Ion Ratio Lower Upper
77 100
182 27.7 6.4 46.4
105 22.1 2.2 42.2
51 29.2 10.3 50.3

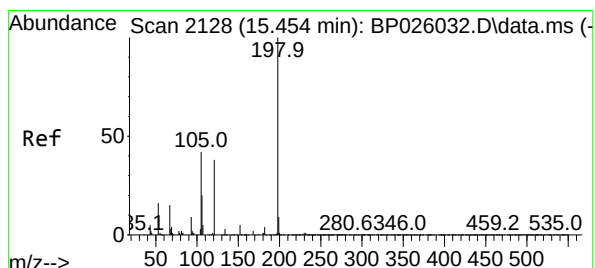
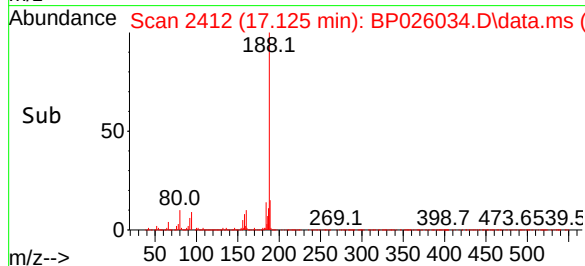
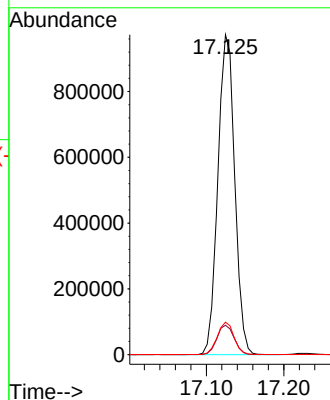
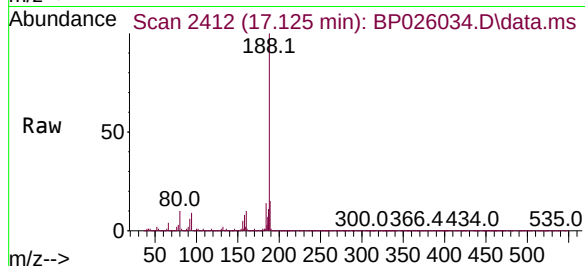




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

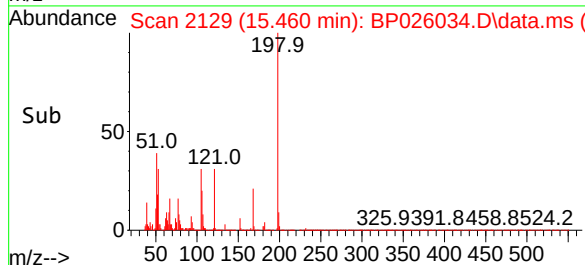
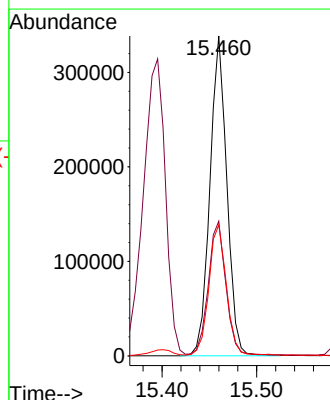
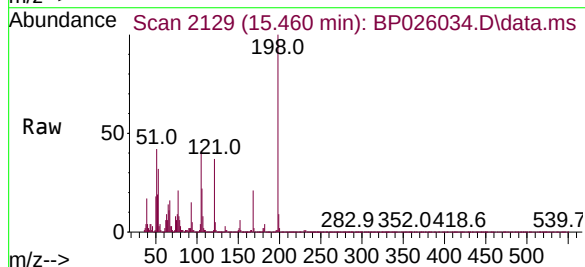
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

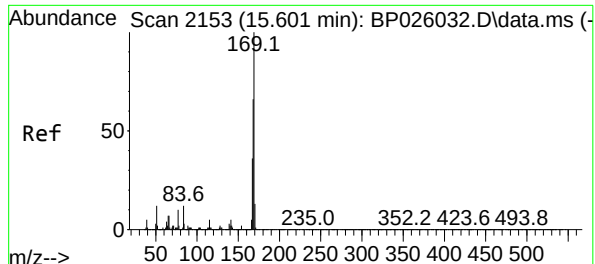
Tgt Ion:188 Resp: 1468570
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 10.1 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 64.124 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:198 Resp: 420911
Ion Ratio Lower Upper
198 100
51 42.1 25.2 65.2
105 40.9 23.7 63.7

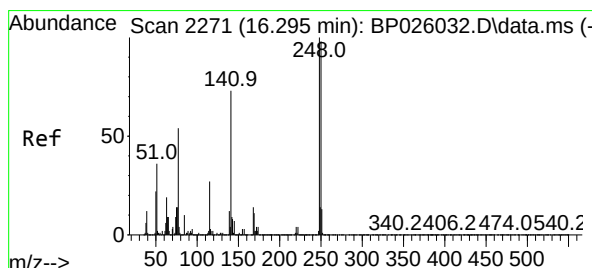
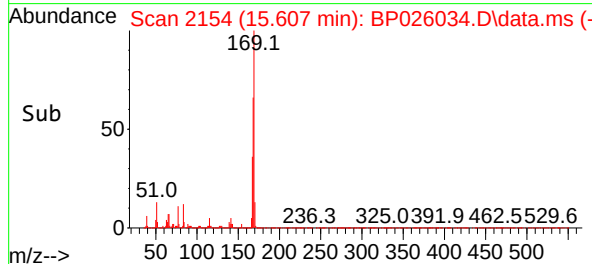
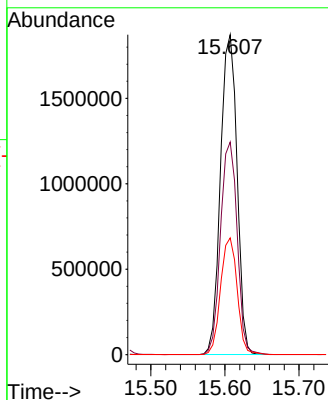
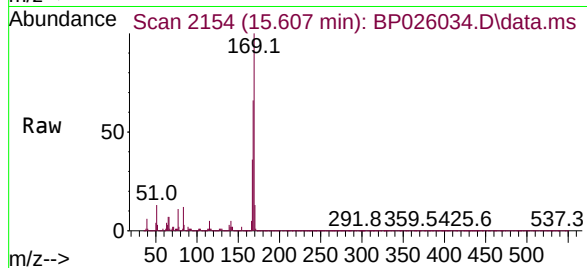




#66
n-Nitrosodiphenylamine
Concen: 63.193 ng
RT: 15.607 min Scan# 2153
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

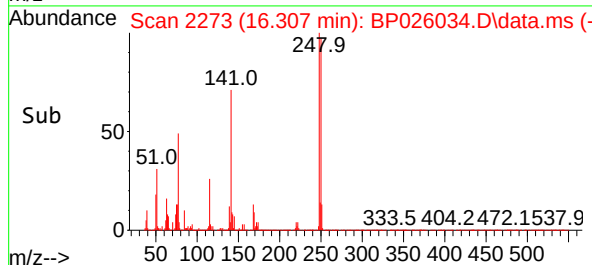
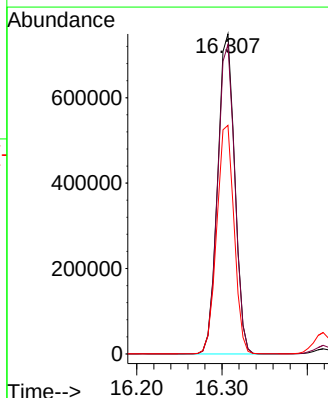
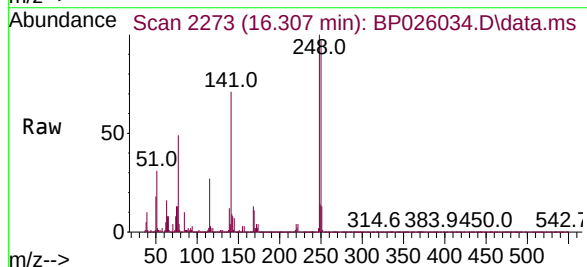
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

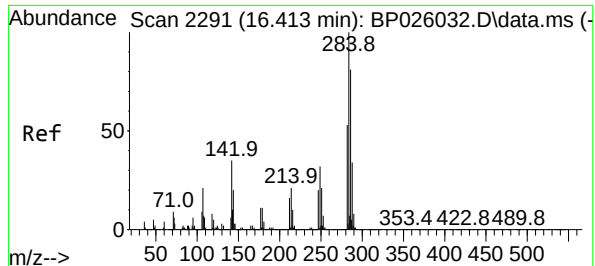
Tgt Ion:169 Resp: 2901612
Ion Ratio Lower Upper
169 100
168 66.4 52.9 79.3
167 36.5 28.9 43.3



#67
4-Bromophenyl-phenylether
Concen: 64.082 ng
RT: 16.307 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:248 Resp: 1043905
Ion Ratio Lower Upper
248 100
250 96.7 78.4 117.6
141 71.4 58.3 87.5

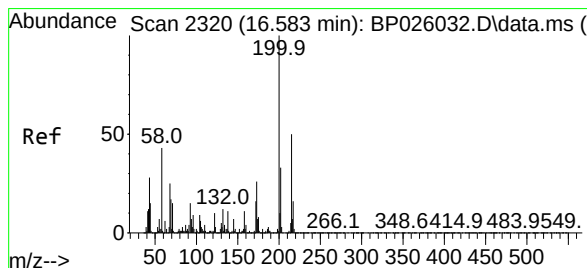
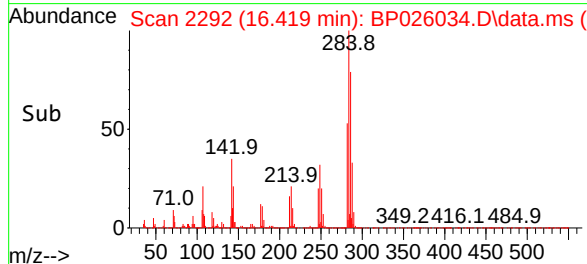
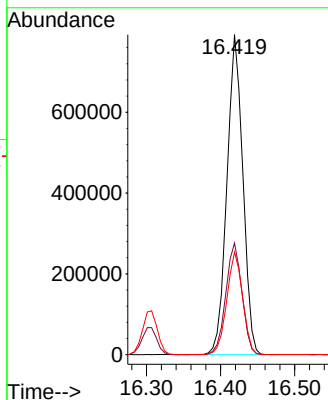
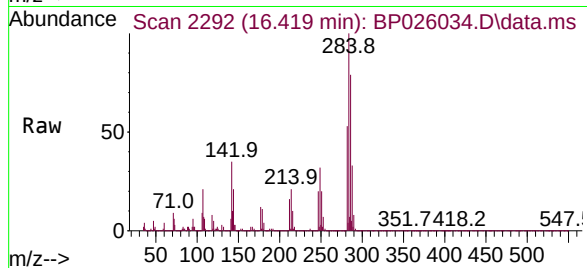




#68
Hexachlorobenzene
Concen: 63.645 ng
RT: 16.419 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

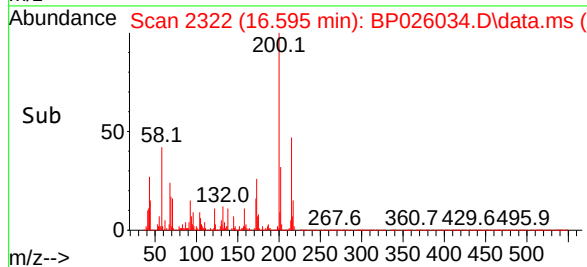
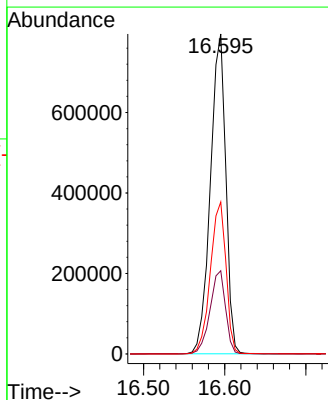
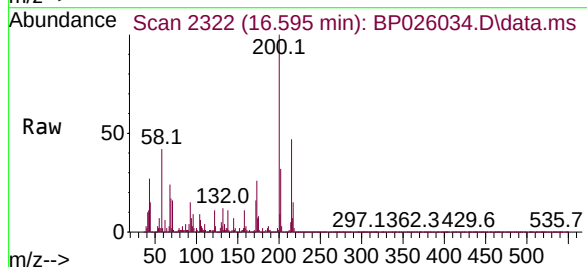
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

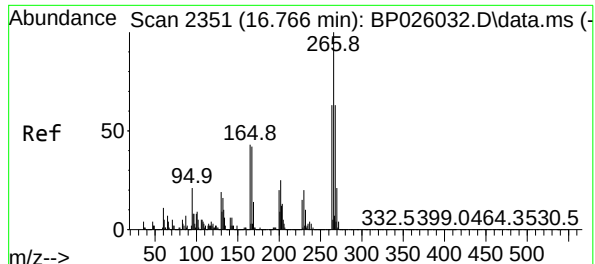
Tgt Ion:284 Resp: 1180264
Ion Ratio Lower Upper
284 100
142 34.9 27.7 41.5
249 32.0 25.5 38.3



#69
Atrazine
Concen: 67.838 ng
RT: 16.595 min Scan# 2322
Delta R.T. 0.012 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:200 Resp: 1050788
Ion Ratio Lower Upper
200 100
173 26.0 6.2 46.2
215 47.5 29.8 69.8

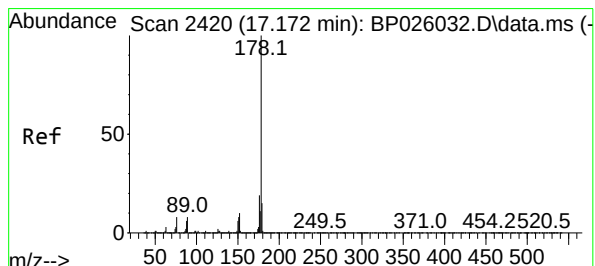
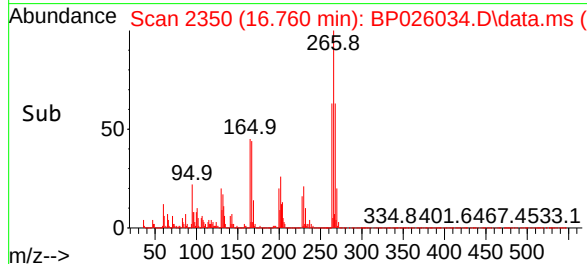
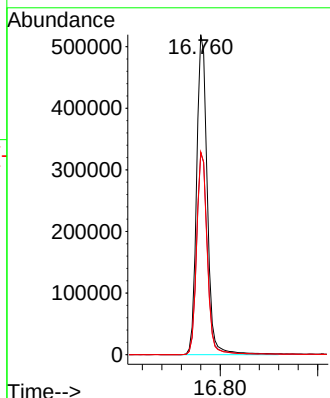
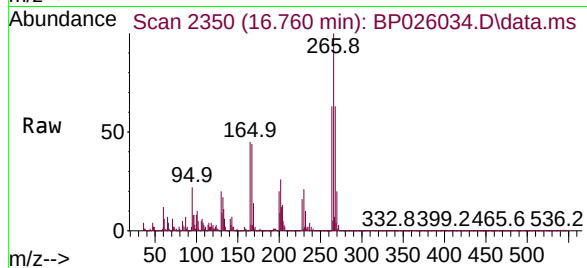




#70
Pentachlorophenol
Concen: 69.166 ng
RT: 16.760 min Scan# 2351
Delta R.T. -0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

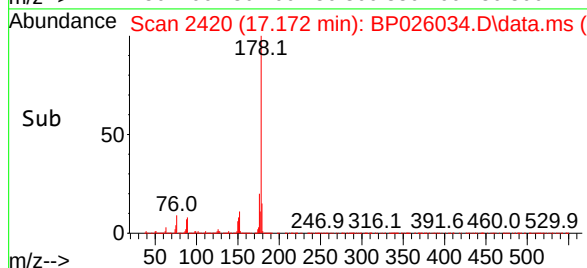
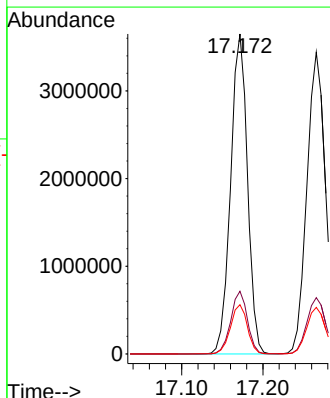
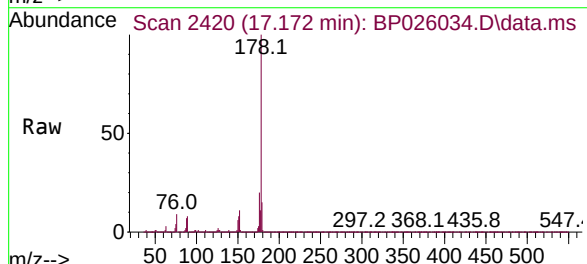
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

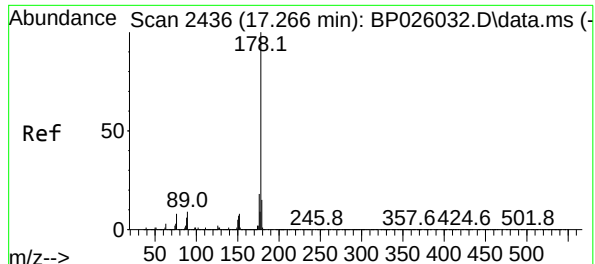
Tgt Ion:266 Resp: 783472
Ion Ratio Lower Upper
266 100
268 63.0 50.6 76.0
264 63.3 50.2 75.4



#71
Phenanthrene
Concen: 61.576 ng
RT: 17.172 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:178 Resp: 5263383
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.4 12.3 18.5

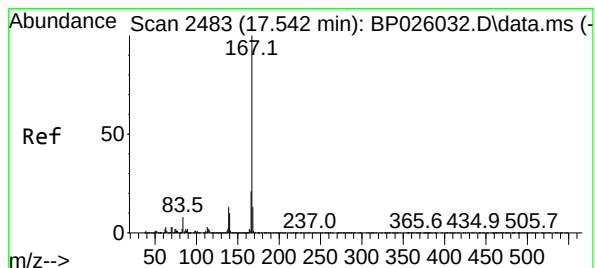
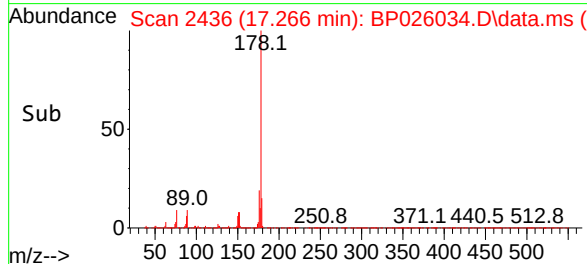
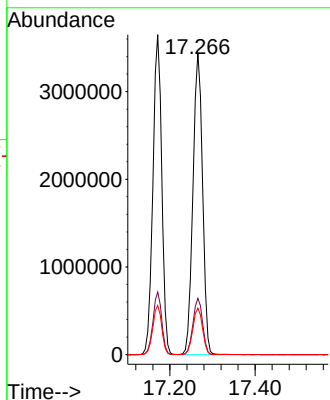
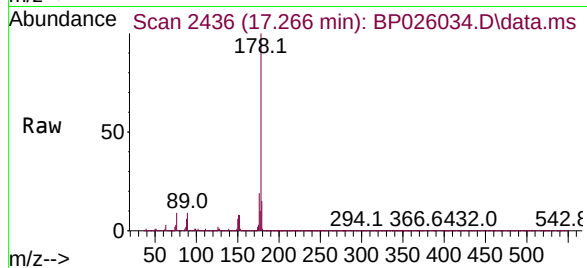




#72
Anthracene
Concen: 63.447 ng
RT: 17.266 min Scan# 2436
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

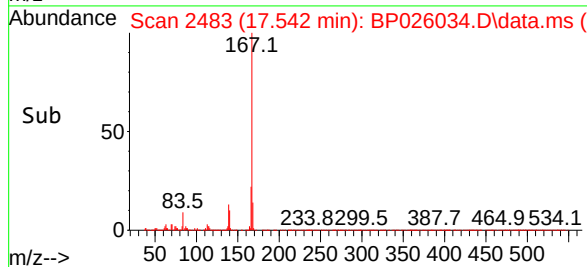
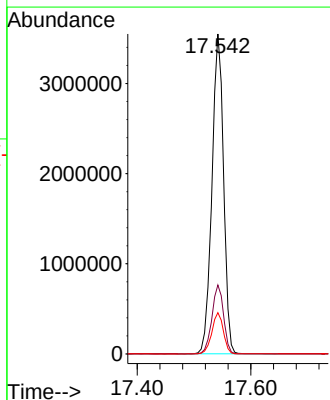
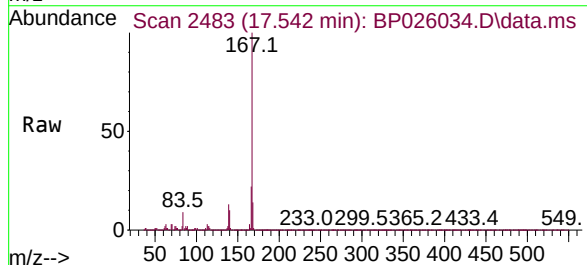
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

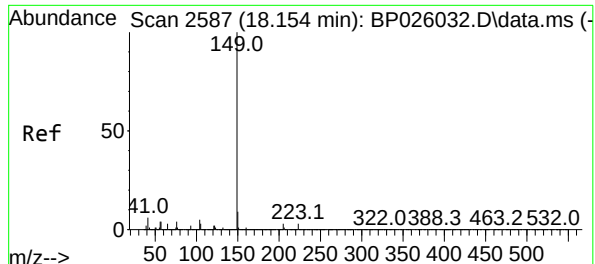
Tgt Ion:178 Resp: 5375909
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.4 12.2 18.4



#73
Carbazole
Concen: 63.086 ng
RT: 17.542 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:167 Resp: 5059908
Ion Ratio Lower Upper
167 100
166 21.5 17.1 25.7
139 12.9 10.2 15.2

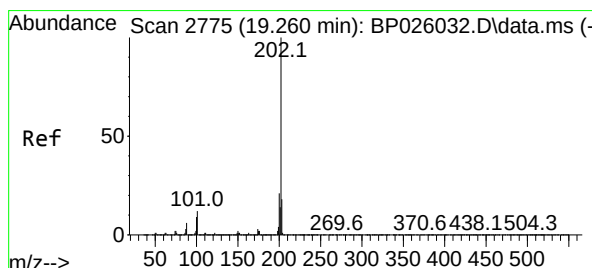
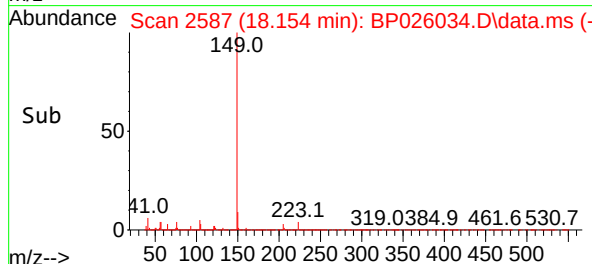
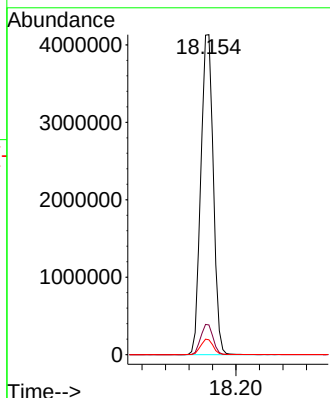
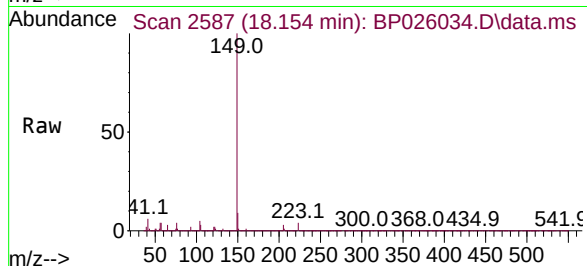




#74
Di-n-butylphthalate
Concen: 67.663 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

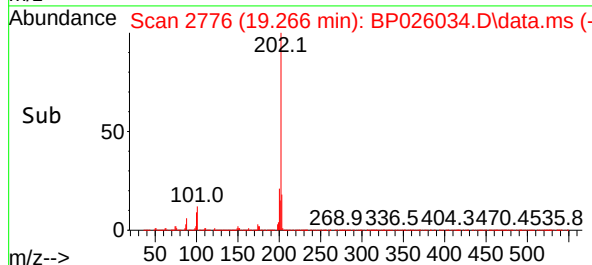
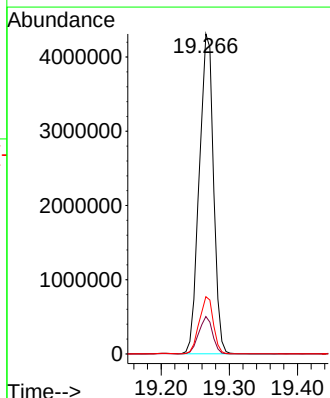
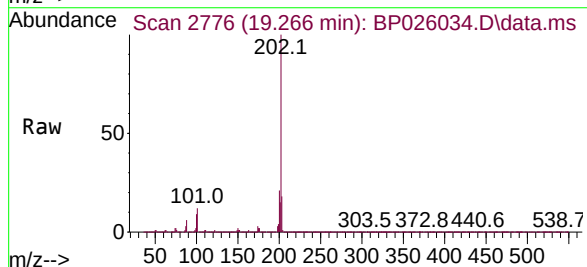
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

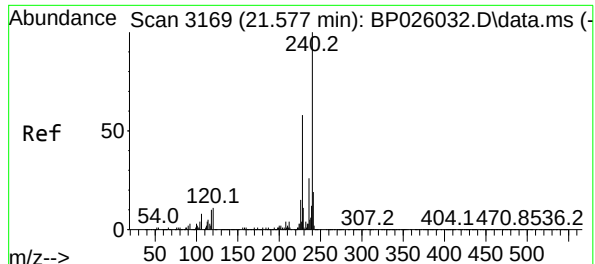
Tgt Ion:149 Resp: 6072603
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.7 3.8 5.6



#75
Fluoranthene
Concen: 62.816 ng
RT: 19.266 min Scan# 2776
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:202 Resp: 6263426
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.1
203 17.9 0.0 37.6

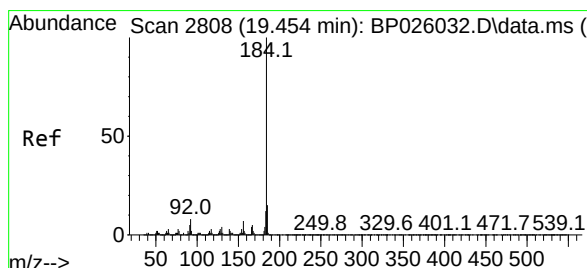
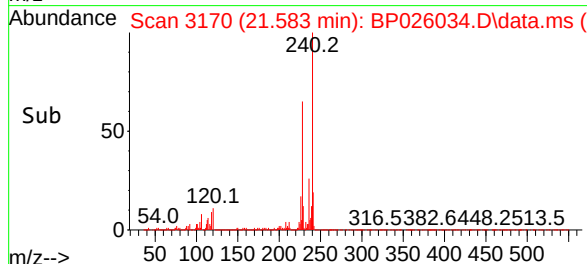
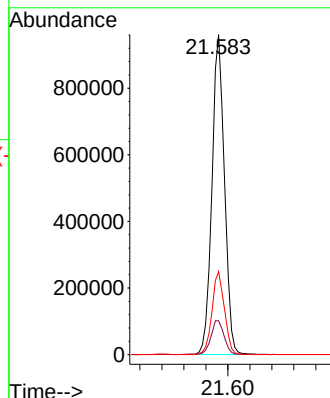
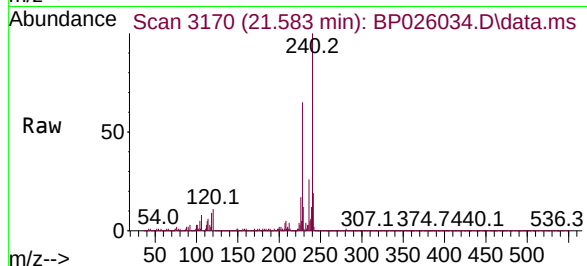




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3169
Delta R.T. 0.018 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

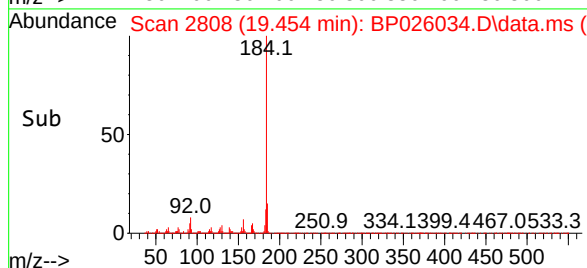
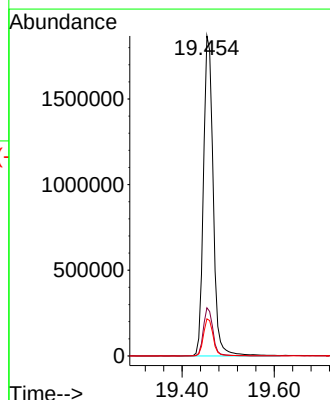
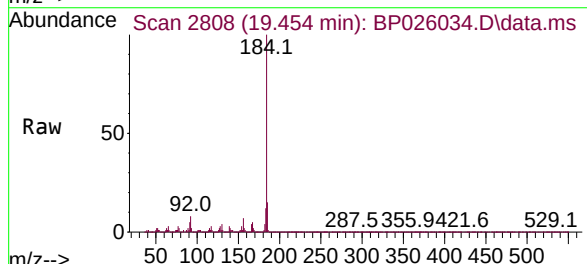
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

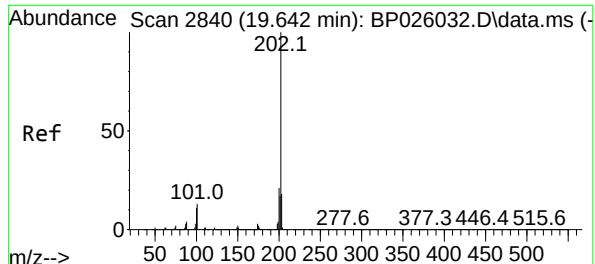
Tgt Ion:240 Resp: 1519622
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.9 20.6 31.0



#77
Benzidine
Concen: 70.680 ng
RT: 19.454 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:184 Resp: 2726283
Ion Ratio Lower Upper
184 100
185 15.0 11.9 17.9
183 11.6 9.2 13.8

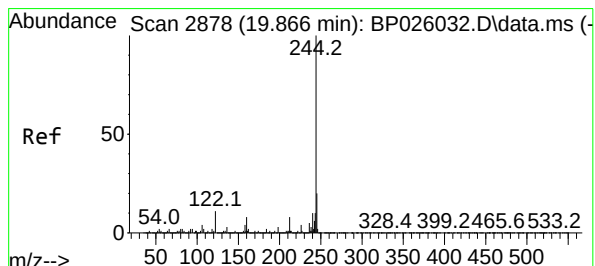
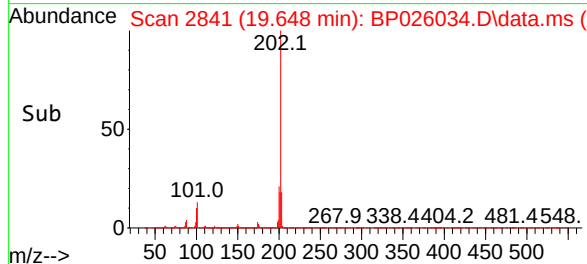
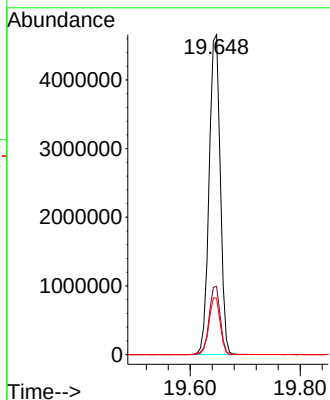
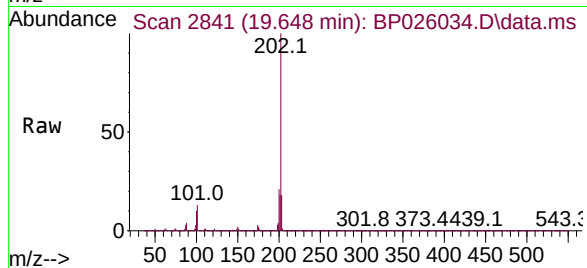




#78
Pyrene
Concen: 63.454 ng
RT: 19.648 min Scan# 2841
Delta R.T. 0.012 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

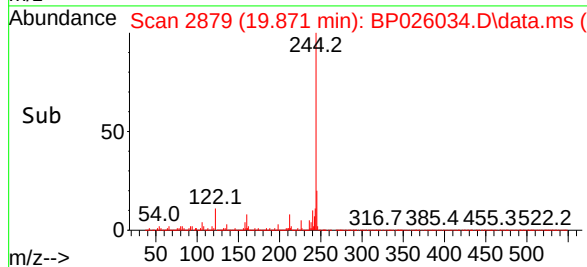
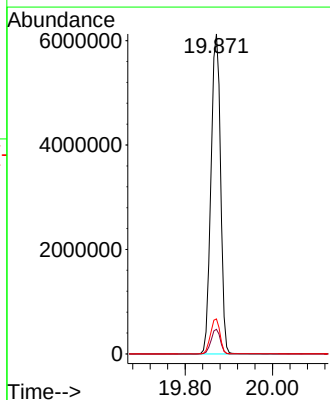
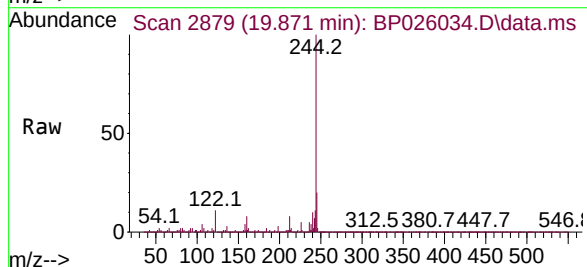
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

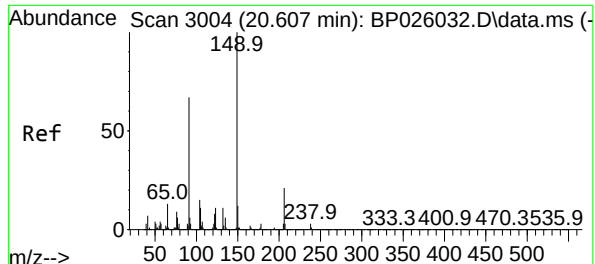
Tgt Ion:202 Resp: 6521771
Ion Ratio Lower Upper
202 100
200 21.3 16.6 25.0
203 17.6 14.0 21.0



#79
Terphenyl-d14
Concen: 124.204 ng
RT: 19.871 min Scan# 2879
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:244 Resp: 9289969
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 10.9 9.0 13.6





#80

Butylbenzylphthalate

Concen: 65.127 ng

RT: 20.613 min Scan# 3004

Delta R.T. 0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

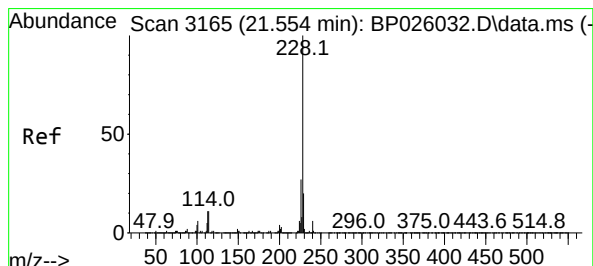
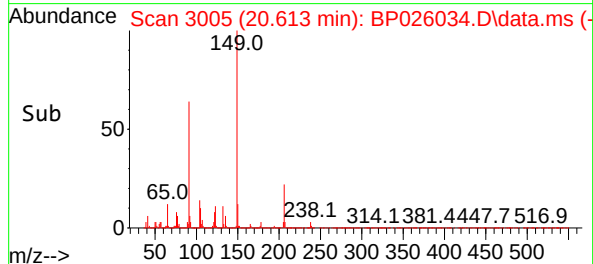
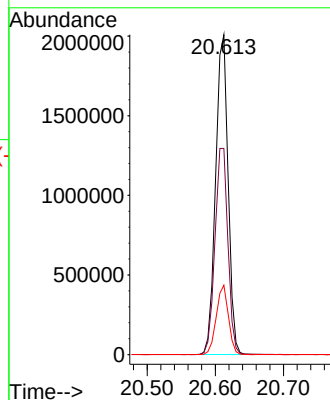
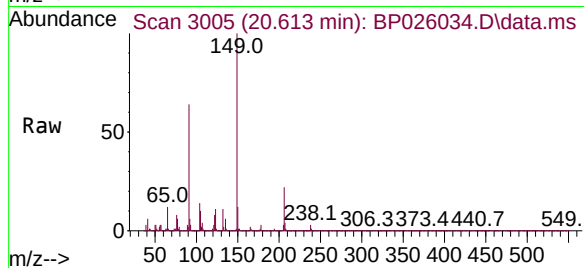
Tgt Ion:149 Resp: 2549176

Ion Ratio Lower Upper

149 100

91 64.4 53.5 80.3

206 21.7 16.6 25.0



#81

Benzo(a)anthracene

Concen: 62.991 ng

RT: 21.566 min Scan# 3167

Delta R.T. 0.018 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

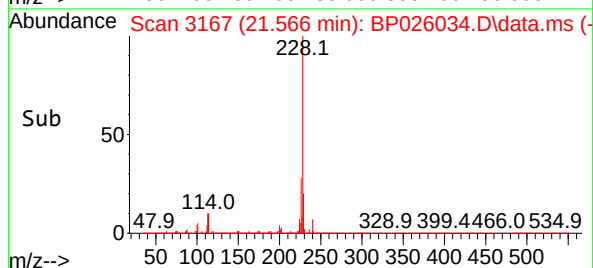
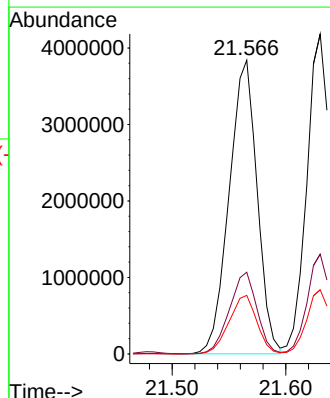
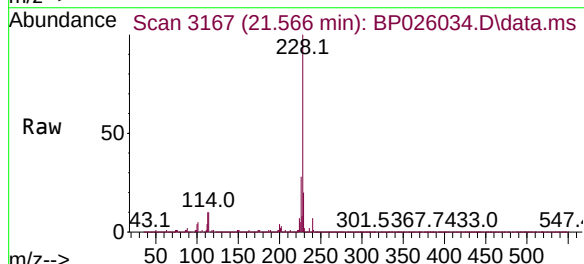
Tgt Ion:228 Resp: 6577757

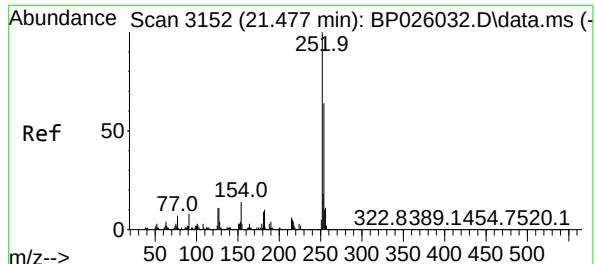
Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

229 19.9 15.8 23.8

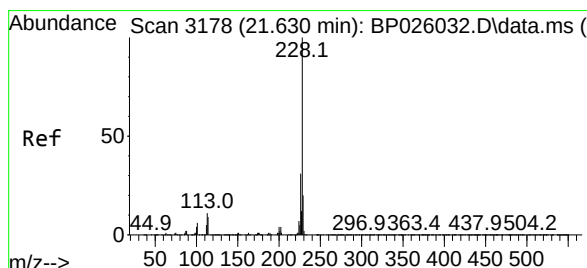
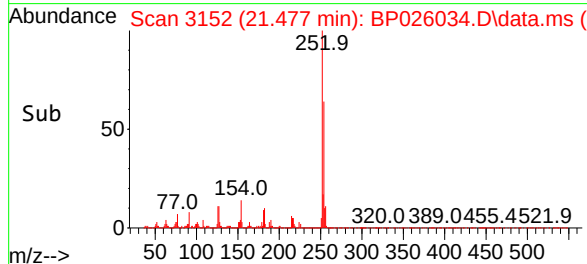
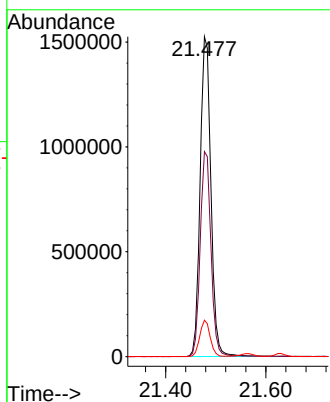
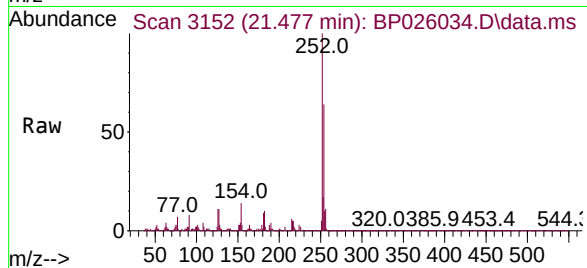




#82
3,3'-Dichlorobenzidine
Concen: 67.371 ng
RT: 21.477 min Scan# 3152
Delta R.T. 0.000 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

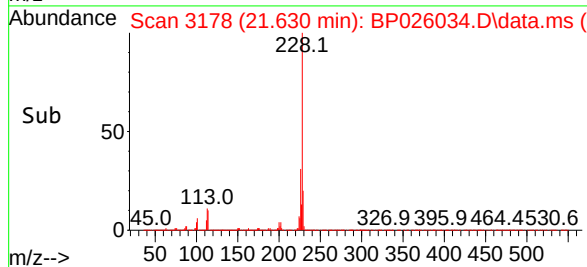
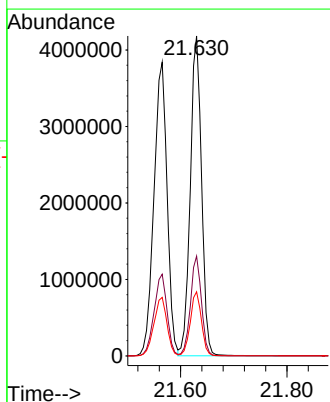
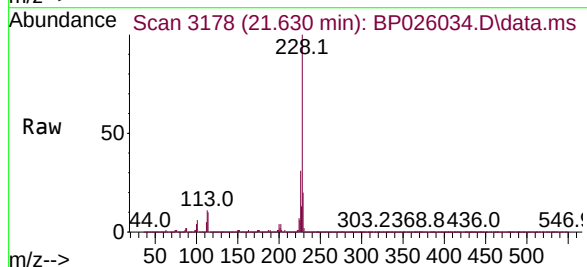
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

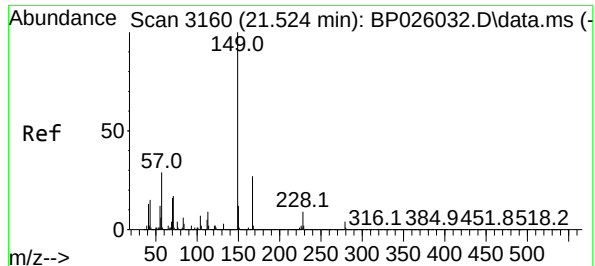
Tgt Ion:252 Resp: 2266707
Ion Ratio Lower Upper
252 100
254 64.1 51.3 76.9
126 11.4 9.1 13.7



#83
Chrysene
Concen: 62.176 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.012 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:228 Resp: 6150315
Ion Ratio Lower Upper
228 100
226 31.2 24.4 36.6
229 20.0 16.0 24.0

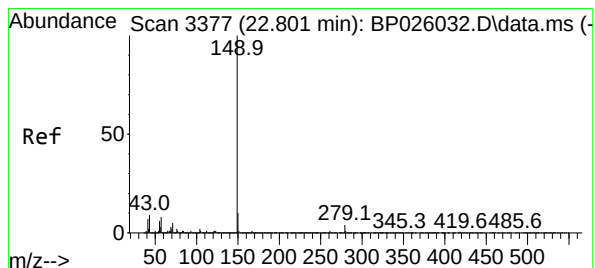
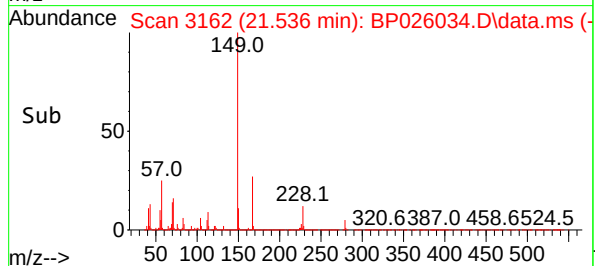
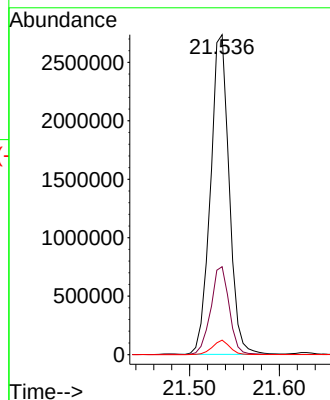
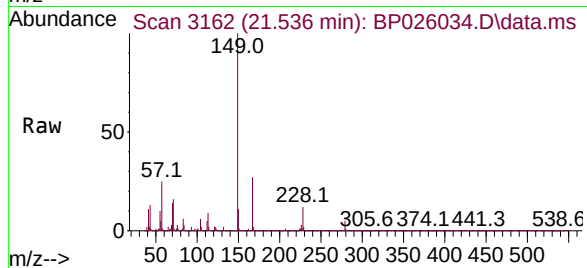




#84
Bis(2-ethylhexyl)phthalate
Concen: 62.903 ng
RT: 21.536 min Scan# 3162
Delta R.T. 0.018 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

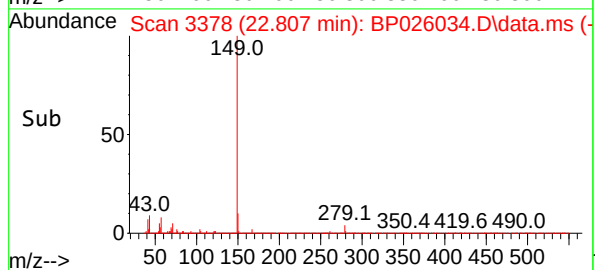
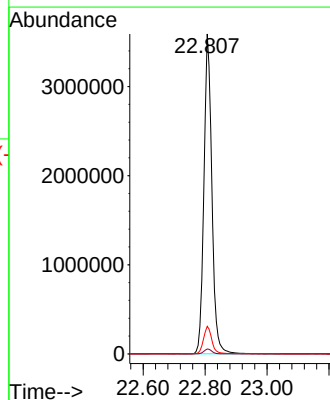
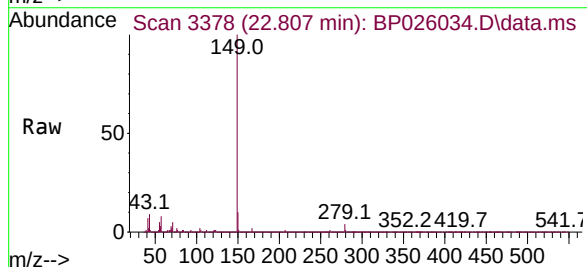
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

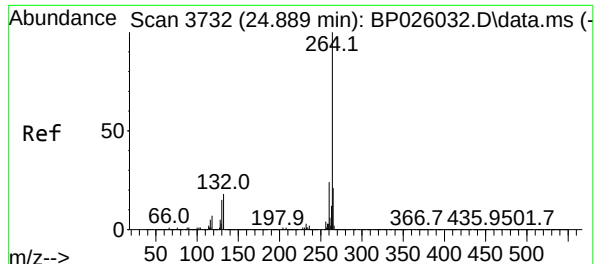
Tgt Ion:149 Resp: 3949393
Ion Ratio Lower Upper
149 100
167 27.5 21.5 32.3
279 4.5 3.0 4.6



#85
Di-n-octyl phthalate
Concen: 70.922 ng
RT: 22.807 min Scan# 3378
Delta R.T. 0.006 min
Lab File: BP026034.D
Acq: 29 Oct 2025 13:32

Tgt Ion:149 Resp: 6415656
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.1 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.895 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

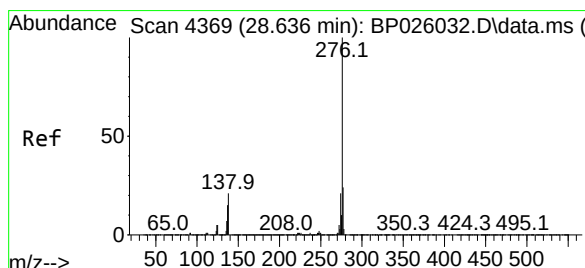
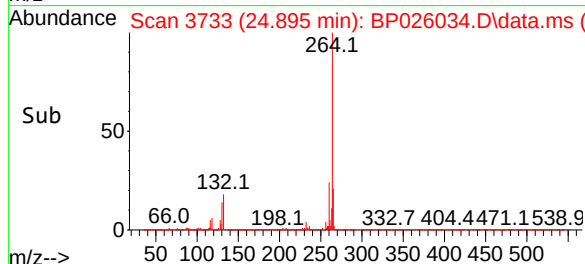
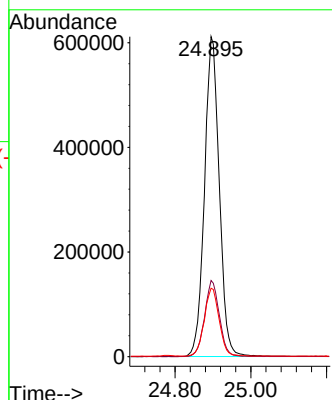
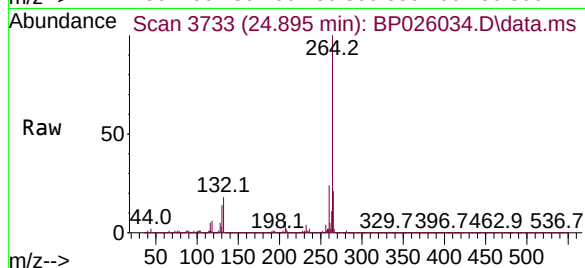
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:264 Resp: 1658930

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.4	17.2	25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 66.237 ng

RT: 28.665 min Scan# 4374

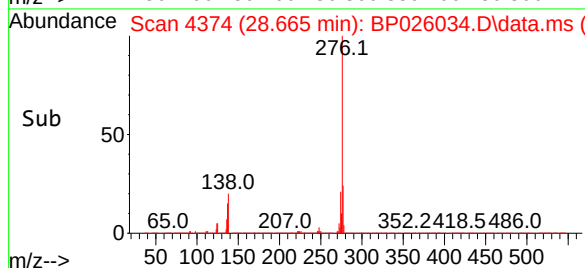
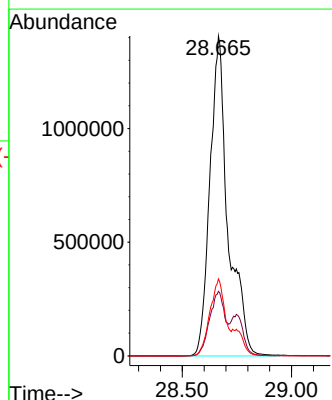
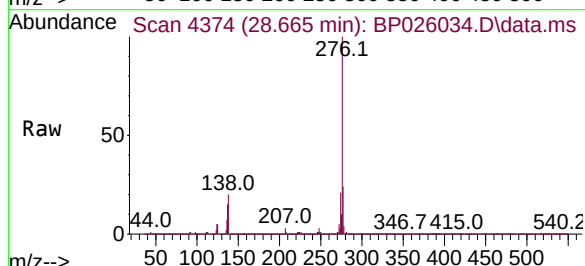
Delta R.T. 0.006 min

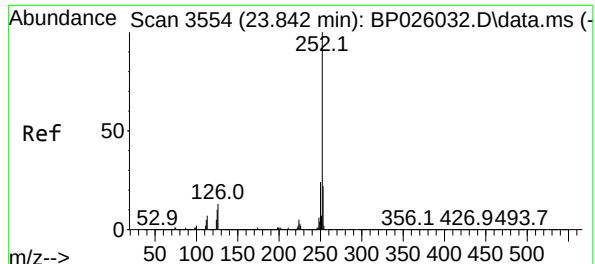
Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Tgt Ion:276 Resp: 8109098

Ion	Ratio	Lower	Upper
276	100		
138	17.1	13.2	19.8
277	20.2	16.3	24.5





#88

Benzo(b)fluoranthene

Concen: 65.011 ng

RT: 23.848 min Scan# 3554

Delta R.T. 0.000 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

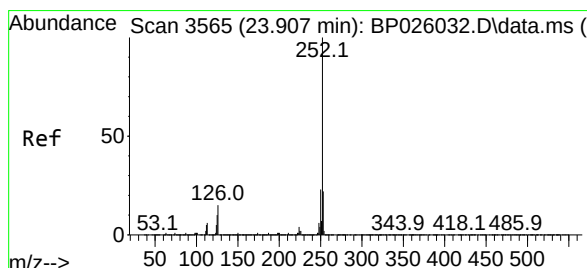
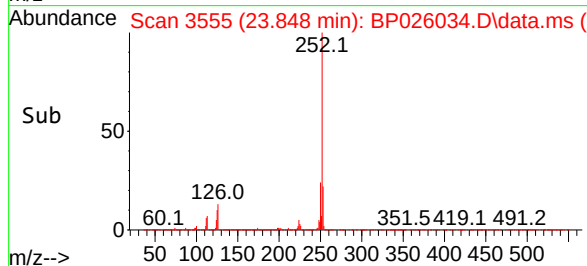
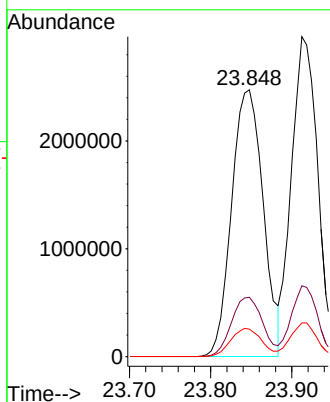
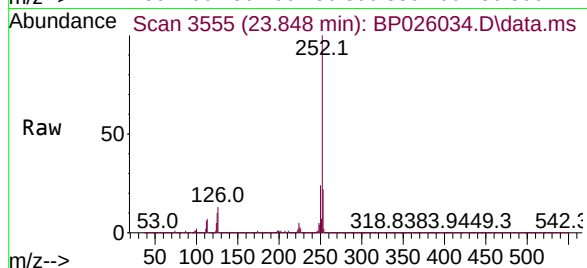
Tgt Ion:252 Resp: 6695122

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.3 8.1 12.1



#89

Benzo(k)fluoranthene

Concen: 63.737 ng

RT: 23.912 min Scan# 3566

Delta R.T. -0.012 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

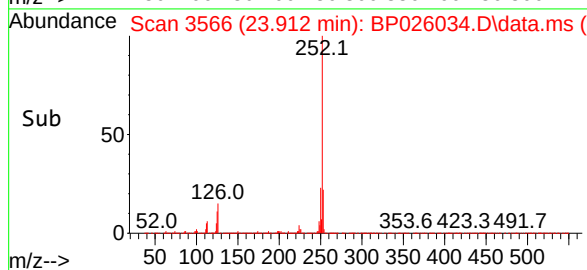
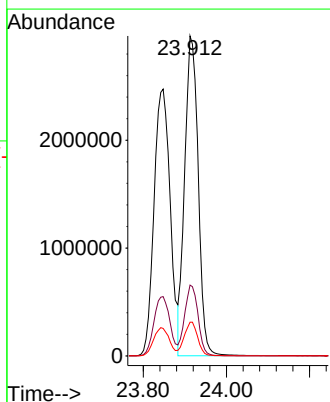
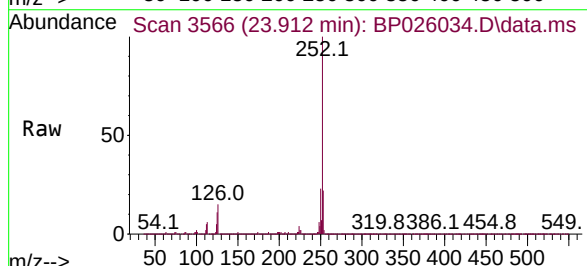
Tgt Ion:252 Resp: 6702900

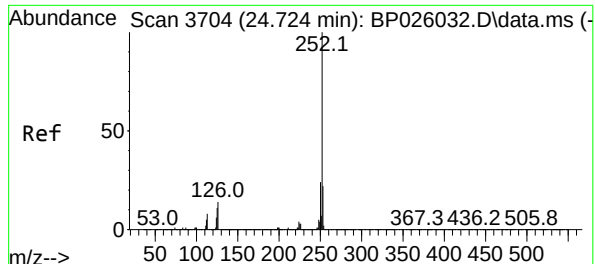
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.5 8.1 12.1





#90

Benzo(a)pyrene

Concen: 65.888 ng

RT: 24.736 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

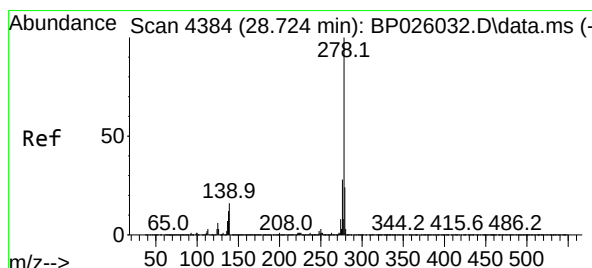
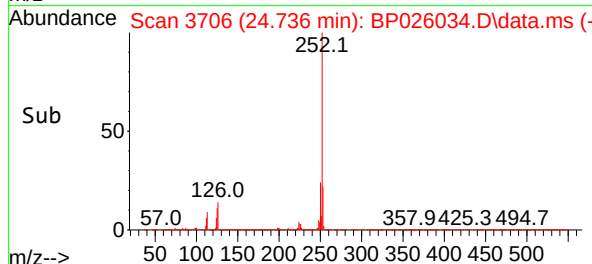
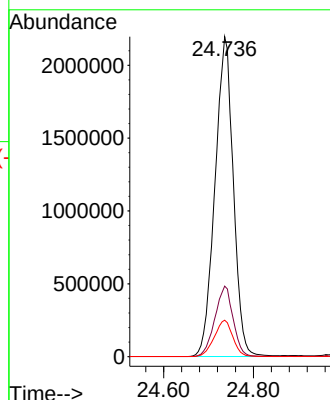
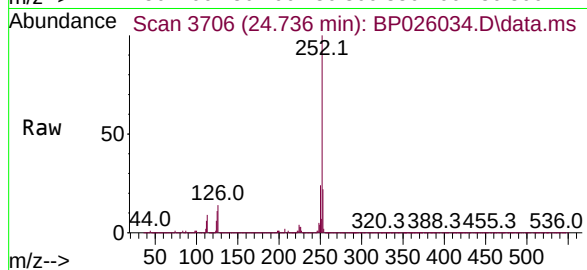
Tgt Ion:252 Resp: 6233786

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 11.4 9.1 13.7



#91

Dibenzo(a,h)anthracene

Concen: 65.929 ng

RT: 28.759 min Scan# 4390

Delta R.T. 0.012 min

Lab File: BP026034.D

Acq: 29 Oct 2025 13:32

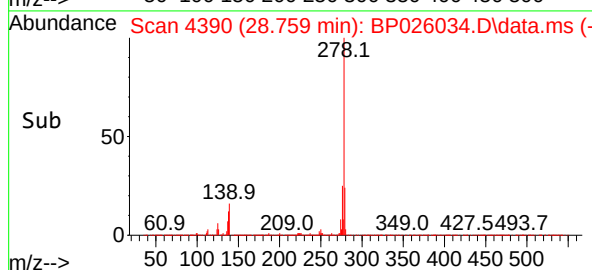
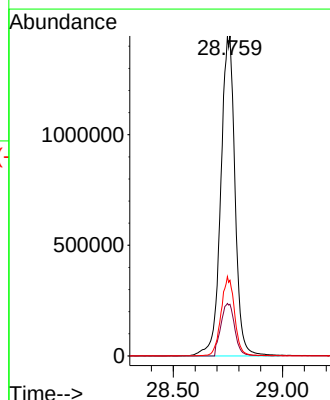
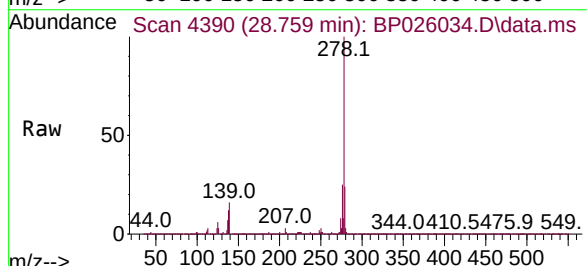
Tgt Ion:278 Resp: 6571045

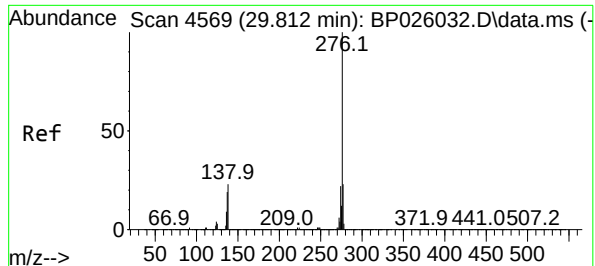
Ion Ratio Lower Upper

278 100

139 16.1 13.0 19.6

279 23.6 18.9 28.3





#92

Benzo(g,h,i)perylene

Concen: 65.331 ng

RT: 29.830 min Scan# 4572

Delta R.T. 0.000 min

Lab File: BP026034.D

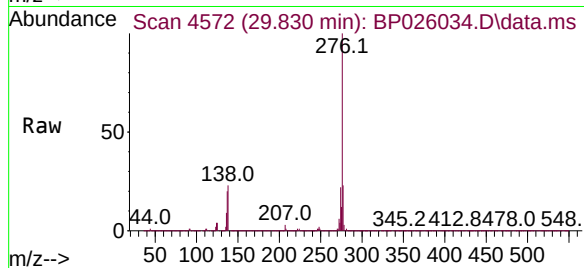
Acq: 29 Oct 2025 13:32

Instrument :

BNA_P

ClientSampleId :

SSTDICC060



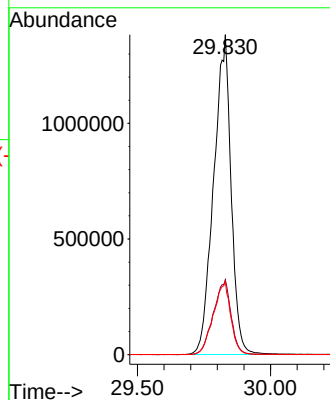
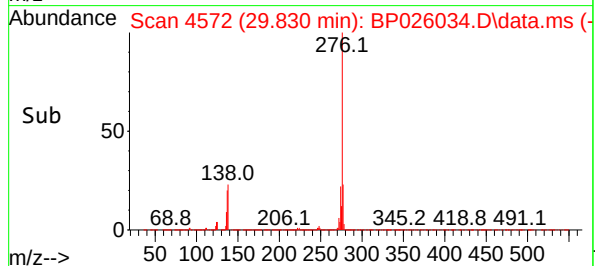
Tgt Ion:276 Resp: 6265775

Ion Ratio Lower Upper

276 100

277 23.4 18.5 27.7

138 22.8 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026035.D
 Acq On : 29 Oct 2025 14:13
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.690	152	285372	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	1176810	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	727864	20.000	ng	0.00
64) Phenanthrene-d10	17.124	188	1454350	20.000	ng	0.00
76) Chrysene-d12	21.565	240	1518010	20.000	ng	0.00
86) Perylene-d12	24.883	264	1693006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	2853584	165.001	ng	0.00
7) Phenol-d6	6.854	99	3663018	166.407	ng	0.00
23) Nitrobenzene-d5	8.825	82	3225718	170.878	ng	0.00
42) 2,4,6-Tribromophenol	15.830	330	1360572	172.904	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	7610514	150.244	ng	0.00
79) Terphenyl-d14	19.865	244	11030199	147.627	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.237	88	581796	79.799	ng	98
3) Pyridine	3.619	79	1683455	81.225	ng	99
4) n-Nitrosodimethylamine	3.537	42	667192	80.319	ng	95
6) Aniline	7.019	93	2386368	81.230	ng	99
8) 2-Chlorophenol	7.254	128	1627396	84.977	ng	98
9) Benzaldehyde	6.831	77	848919	74.188	ng	99
10) Phenol	6.884	94	2009800	82.242	ng	99
11) bis(2-Chloroethyl)ether	7.119	93	1555565	80.659	ng	99
12) 1,3-Dichlorobenzene	7.578	146	1739151	79.076	ng	99
13) 1,4-Dichlorobenzene	7.725	146	1760668	79.178	ng	100
14) 1,2-Dichlorobenzene	8.031	146	1691085	79.697	ng	100
15) Benzyl Alcohol	7.913	79	1329833	83.801	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.201	45	2262252	77.614	ng	99
17) 2-Methylphenol	8.113	107	1342933	83.922	ng	99
18) Hexachloroethane	8.760	117	623268	81.910	ng	99
19) n-Nitroso-di-n-propyla...	8.490	70	1125887	82.397	ng	97
20) 3+4-Methylphenols	8.443	107	1820304	81.769	ng	99
22) Acetophenone	8.495	105	2326587	78.173	ng	99
24) Nitrobenzene	8.866	77	1665956	83.585	ng	99
25) Isophorone	9.390	82	3260235	80.688	ng	100
27) 2,4-Dimethylphenol	9.631	122	1434677	84.436	ng	99
28) bis(2-Chloroethoxy)met...	9.866	93	2010418	78.950	ng	99
29) 2,4-Dichlorophenol	10.095	162	1524906	84.998	ng	99
30) 1,2,4-Trichlorobenzene	10.319	180	1545459	79.255	ng	99
31) Naphthalene	10.501	128	5003853	77.974	ng	99
32) Benzoic acid	9.778	122	1000336	79.140	ng	97
33) 4-Chloroaniline	10.595	127	2008519	81.448	ng	99
34) Hexachlorobutadiene	10.795	225	976216	78.780	ng	99
35) Caprolactam	11.384	113	526808	83.619	ng	94
36) 4-Chloro-3-methylphenol	11.731	107	1587177	84.393	ng	99
37) 2-Methylnaphthalene	12.113	142	3532026	78.637	ng	99
38) 1-Methylnaphthalene	12.336	142	3416923	78.306	ng	99
40) 1,2,4,5-Tetrachloroben...	12.489	216	1802921	79.720	ng	100
41) Hexachlorocyclopentadiene	12.478	237	732085	88.474	ng	96
43) 2,4,6-Trichlorophenol	12.725	196	1201855	89.908	ng	100
44) 2,4,5-Trichlorophenol	12.795	196	1327296	87.017	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026035.D
 Acq On : 29 Oct 2025 14:13
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 29 18:08:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 15:29:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.136	154	4347017	77.997	ng	100
47) 2-Chloronaphthalene	13.172	162	3434628	78.326	ng	100
48) 2-Nitroaniline	13.378	65	958497	84.358	ng	96
49) Acenaphthylene	14.036	152	5073069	79.376	ng	100
50) Dimethylphthalate	13.772	163	4187309	79.090	ng	100
51) 2,6-Dinitrotoluene	13.878	165	834638	83.478	ng	99
52) Acenaphthene	14.383	154	3469946	79.085	ng	99
53) 3-Nitroaniline	14.207	138	995927	81.547	ng	99
54) 2,4-Dinitrophenol	14.419	184	366262	79.098	ng	96
55) Dibenzofuran	14.725	168	5170871	78.003	ng	100
56) 4-Nitrophenol	14.519	139	875195	82.900	ng	100
57) 2,4-Dinitrotoluene	14.678	165	1218227	83.983	ng	98
58) Fluorene	15.383	166	3839303	73.925	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	1077698	89.860	ng	100
60) Diethylphthalate	15.166	149	4232388	79.517	ng	100
61) 4-Chlorophenyl-phenyle...	15.389	204	1914592	73.822	ng	99
62) 4-Nitroaniline	15.401	138	986852	87.229	ng	97
63) Azobenzene	15.689	77	3723361	77.187	ng	98
65) 4,6-Dinitro-2-methylph...	15.454	198	556384	78.914	ng	97
66) n-Nitrosodiphenylamine	15.601	169	3556221	78.206	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	1290917	80.020	ng	98
68) Hexachlorobenzene	16.419	284	1439069	78.359	ng	99
69) Atrazine	16.583	200	1256682	81.924	ng	98
70) Pentachlorophenol	16.766	266	990090	88.261	ng	99
71) Phenanthrene	17.172	178	6425576	75.907	ng	99
72) Anthracene	17.260	178	6487799	77.318	ng	99
73) Carbazole	17.536	167	6270446	78.943	ng	99
74) Di-n-butylphthalate	18.154	149	7283617	81.950	ng	99
75) Fluoranthene	19.260	202	7531112	76.268	ng	99
77) Benzidine	19.454	184	3400762	88.260	ng	99
78) Pyrene	19.636	202	7955581	77.487	ng	99
80) Butylbenzylphthalate	20.607	149	3160394	80.010	ng	99
81) Benzo(a)anthracene	21.548	228	8199298	78.602	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	2837103	84.414	ng	100
83) Chrysene	21.618	228	7696535	77.890	ng	99
84) Bis(2-ethylhexyl)phtha...	21.518	149	4903538	77.525	ng	99
85) Di-n-octyl phthalate	22.801	149	8284794	91.682	ng	99
87) Indeno(1,2,3-cd)pyrene	28.659	276	10532958m	84.304	ng	
88) Benzo(b)fluoranthene	23.848	252	8542978	81.284	ng	100
89) Benzo(k)fluoranthene	23.924	252	8579950	79.943	ng	99
90) Benzo(a)pyrene	24.742	252	8034864	83.215	ng	99
91) Dibenzo(a,h)anthracene	28.747	278	8497246	83.540	ng	99
92) Benzo(g,h,i)perylene	29.830	276	8153149	83.299	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

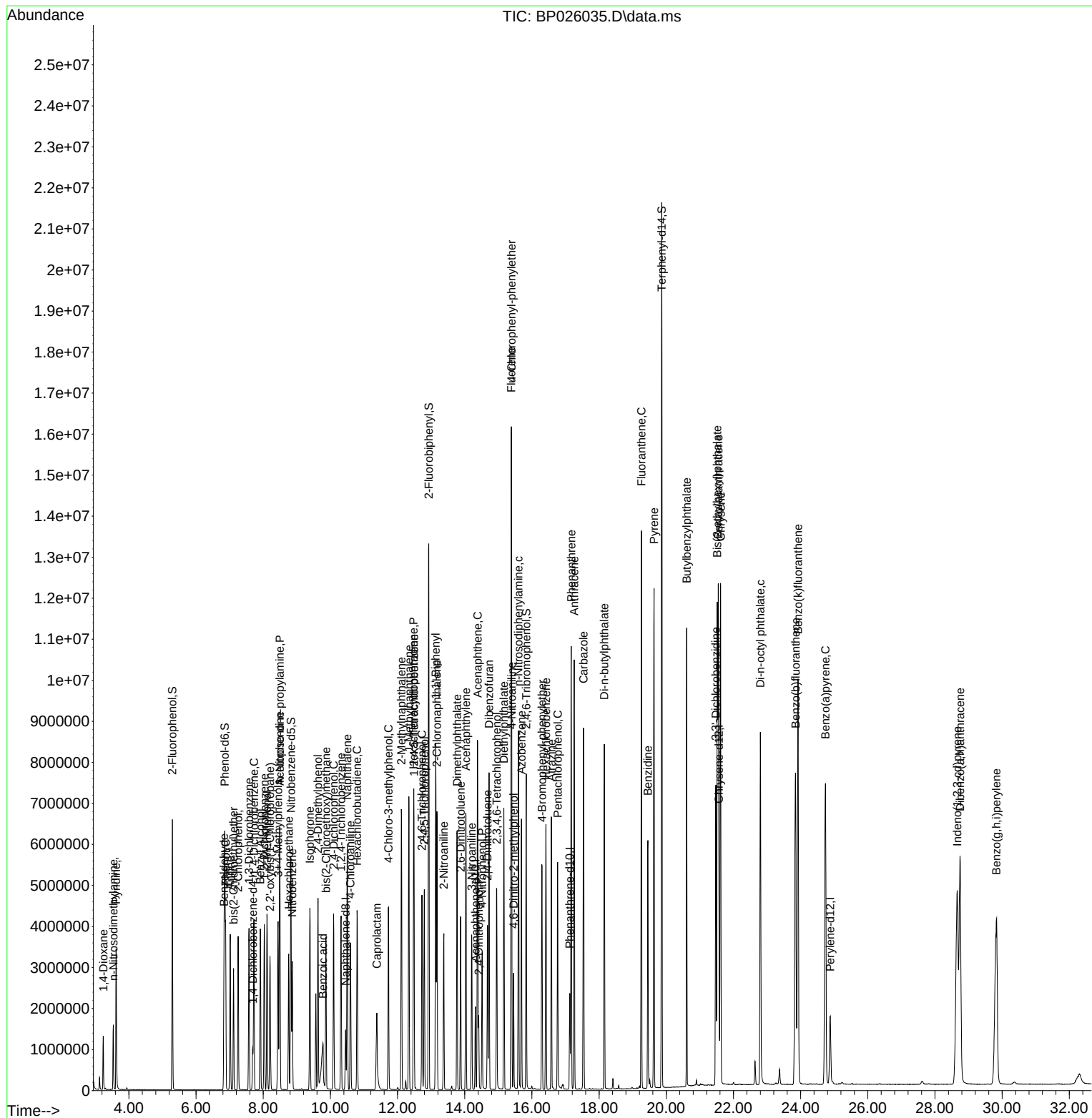
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\  
Data File : BP026035.D  
Acq On    : 29 Oct 2025  14:13  
Operator  : RC/JU  
Sample    : SSTDICC080  
Misc      :  
ALS Vial  : 9    Sample Multiplier: 1
```

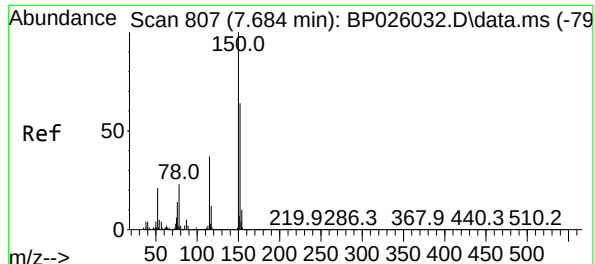
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

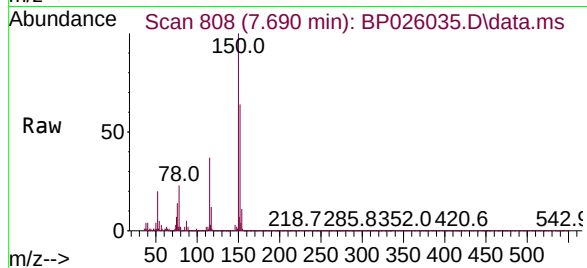
Quant Time: Oct 29 18:08:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.690 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BP026035.D
 Acq: 29 Oct 2025 14:13

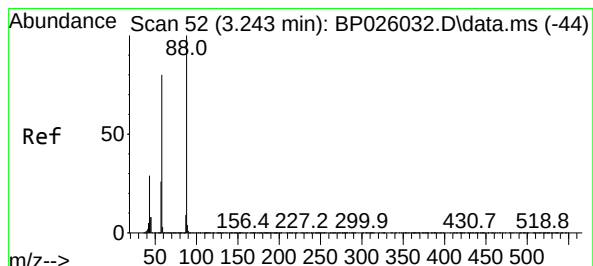
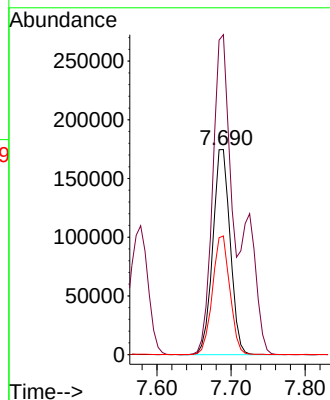
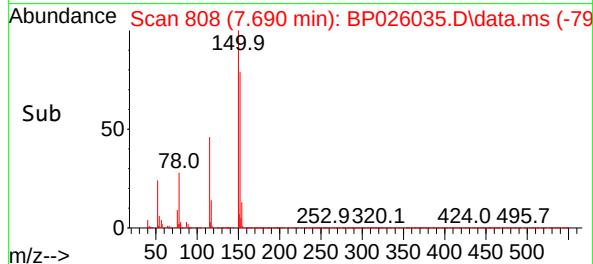
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080



Tgt Ion:152 Resp: 285372
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.7 188.5
 115 57.9 46.4 69.6

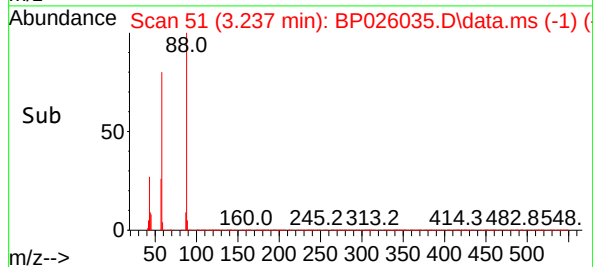
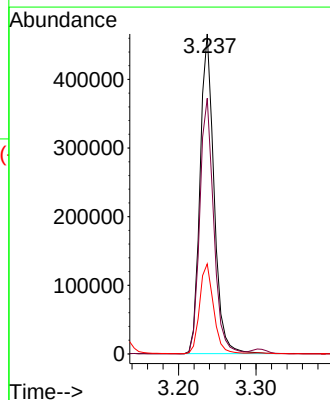
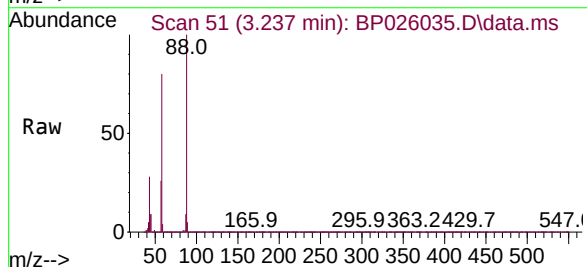
Manual Integrations
 APPROVED

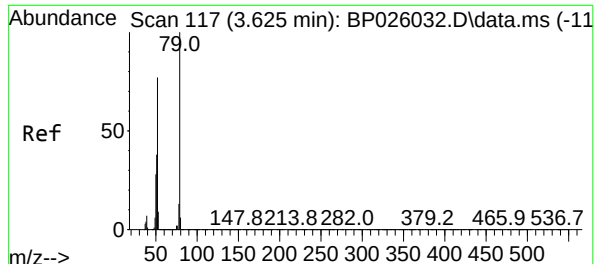
Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025



#2
 1,4-Dioxane
 Concen: 79.799 ng
 RT: 3.237 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BP026035.D
 Acq: 29 Oct 2025 14:13

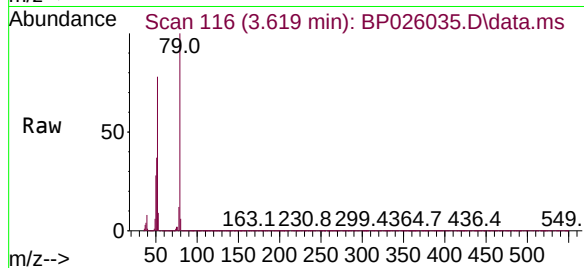
Tgt Ion: 88 Resp: 581796
 Ion Ratio Lower Upper
 88 100
 58 80.1 65.4 98.0
 43 28.1 23.1 34.7





#3
Pyridine
Concen: 81.225 ng
RT: 3.619 min Scan# 117
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

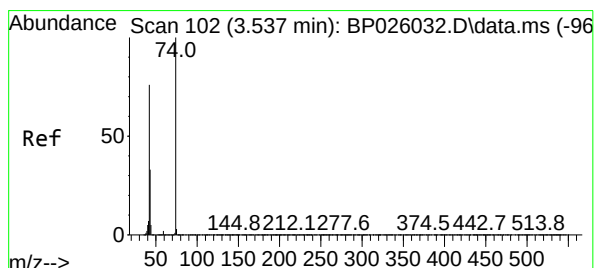
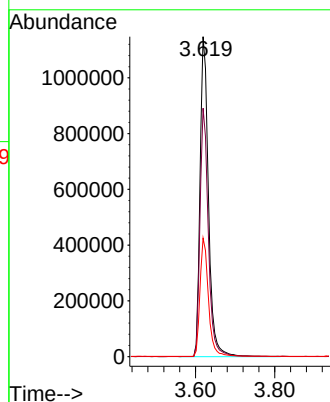
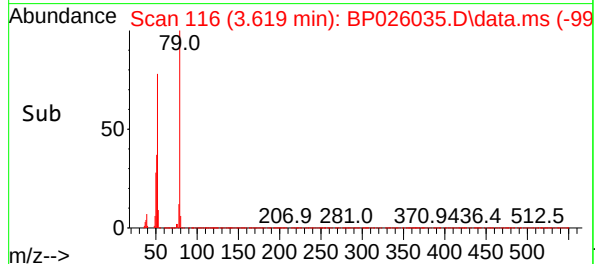
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 168345
Ion Ratio Lower Upper
79 100
52 77.6 62.0 93.0
51 37.0 30.6 46.0

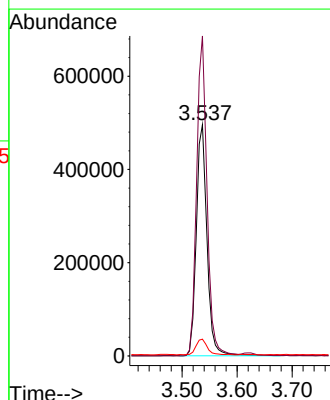
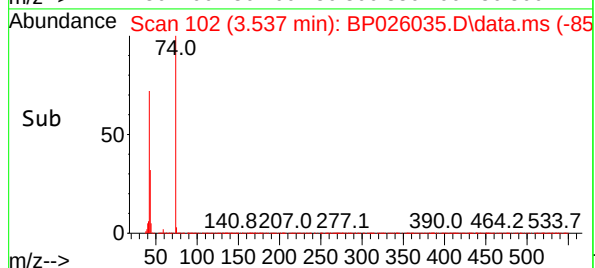
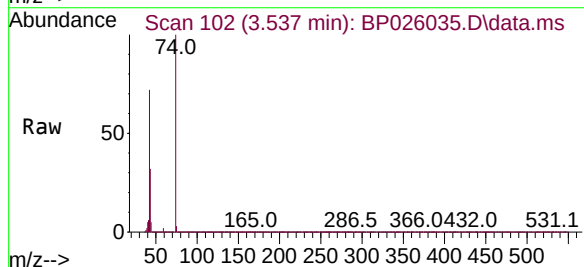
Manual Integrations
APPROVED

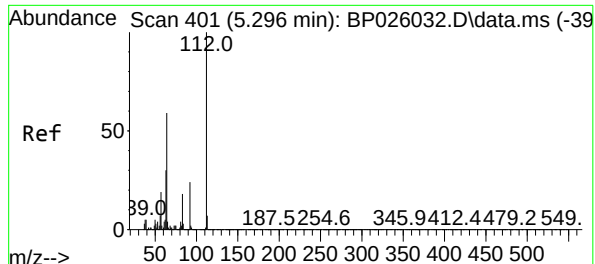
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#4
n-Nitrosodimethylamine
Concen: 80.319 ng
RT: 3.537 min Scan# 102
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

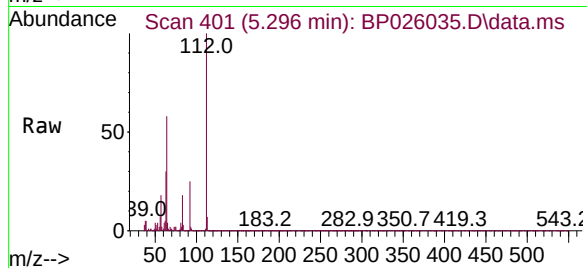
Tgt Ion: 42 Resp: 667192
Ion Ratio Lower Upper
42 100
74 138.5 105.7 158.5
44 7.2 6.6 9.8





#5
2-Fluorophenol
Concen: 165.001 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

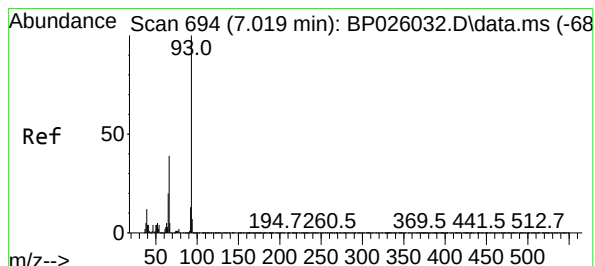
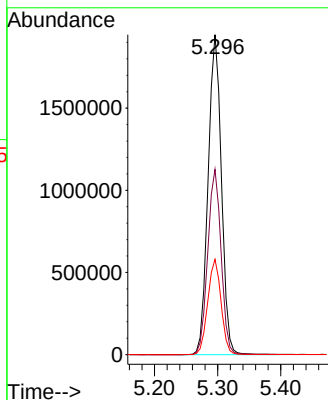
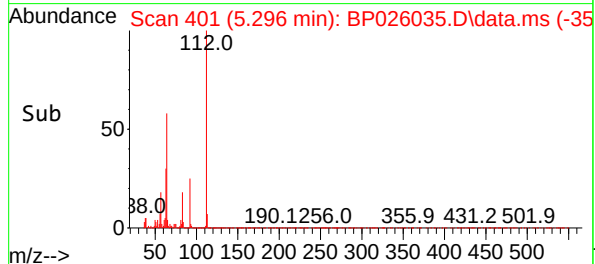
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 112 Resp: 2853584
Ion Ratio Lower Upper
112 100
64 57.9 47.4 71.2
63 29.8 24.2 36.4

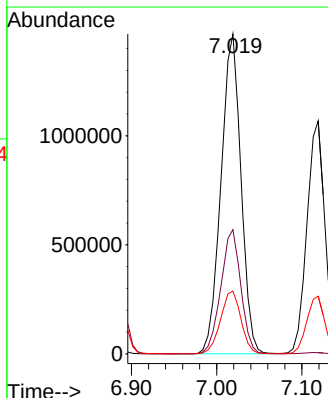
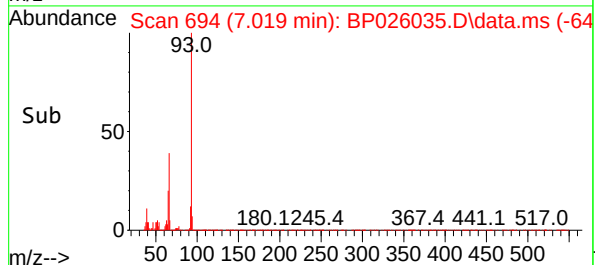
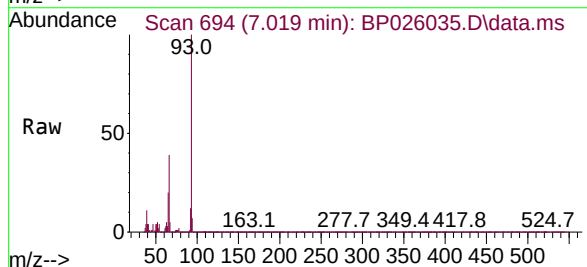
Manual Integrations
APPROVED

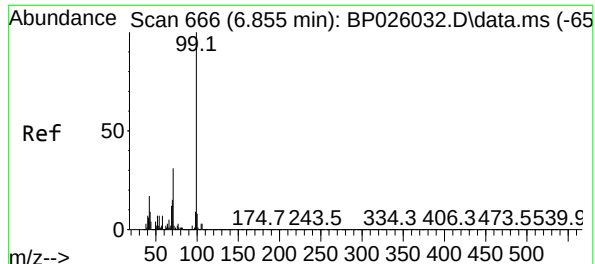
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#6
Aniline
Concen: 81.230 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

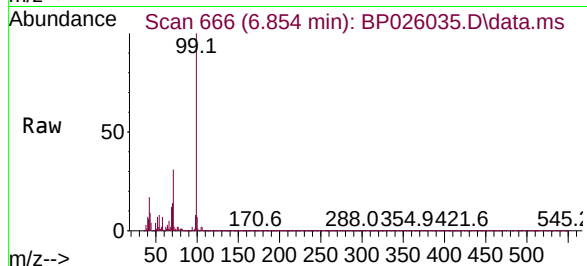
Tgt Ion: 93 Resp: 2386368
Ion Ratio Lower Upper
93 100
66 38.8 31.2 46.8
65 19.6 16.1 24.1





#7
Phenol-d6
Concen: 166.407 ng
RT: 6.854 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

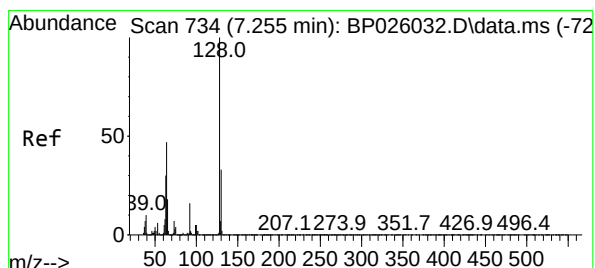
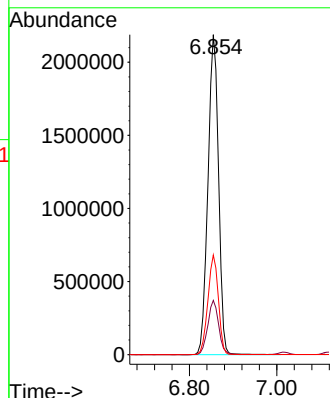
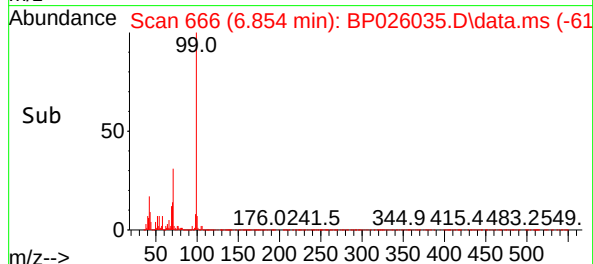
Instrument :
BNA_P
Client Sample Id :
SSTDICC080



Tgt Ion: 99 Resp: 3663018
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 31.1 24.4 36.6

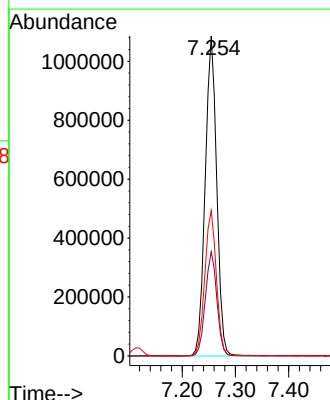
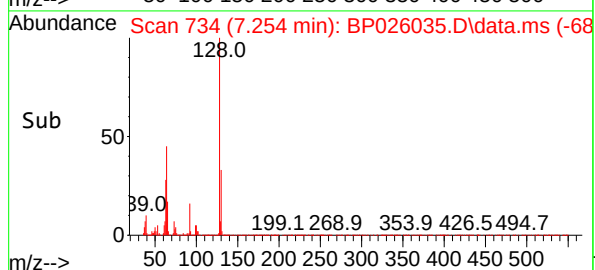
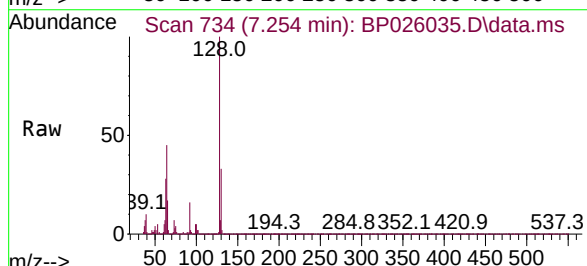
Manual Integrations
APPROVED

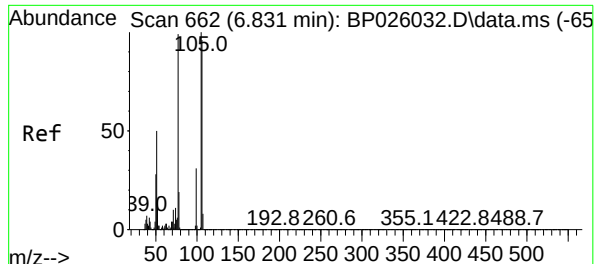
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#8
2-Chlorophenol
Concen: 84.977 ng
RT: 7.254 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

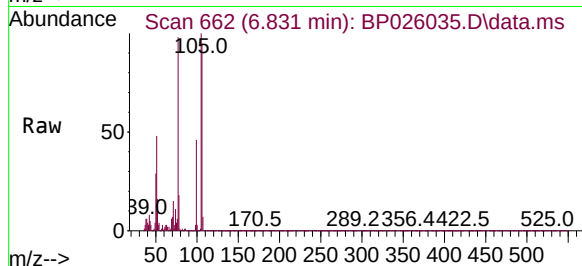
Tgt Ion:128 Resp: 1627396
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 45.4 27.4 67.4





#9
Benzaldehyde
Concen: 74.188 ng
RT: 6.831 min Scan# 662
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

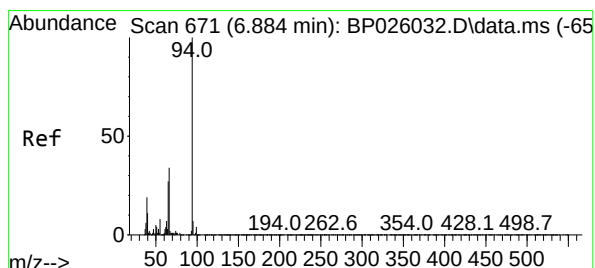
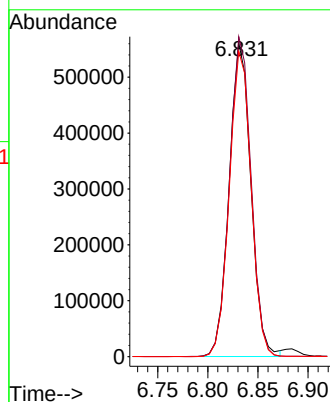
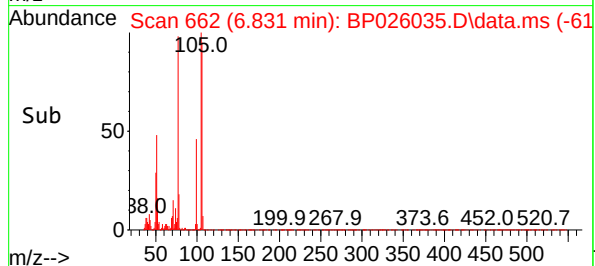
Instrument :
BNA_P
Client Sample Id :
SSTDICC080



Tgt Ion: 77 Resp: 848919
Ion Ratio Lower Upper
77 100
105 102.0 80.7 120.7
106 97.3 76.5 116.5

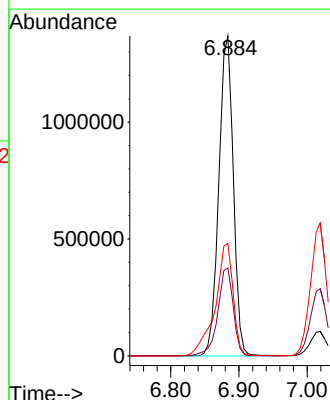
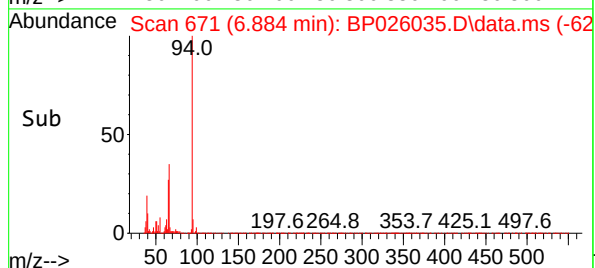
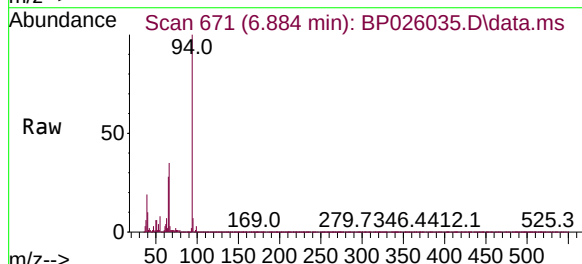
Manual Integrations
APPROVED

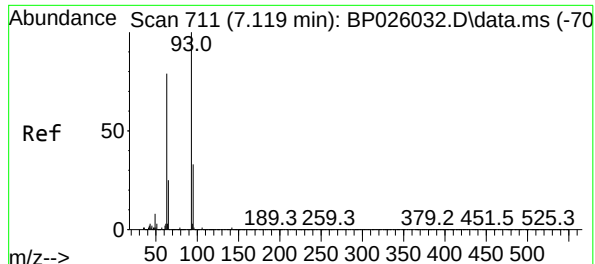
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#10
Phenol
Concen: 82.242 ng
RT: 6.884 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion: 94 Resp: 2009800
Ion Ratio Lower Upper
94 100
65 27.5 7.1 47.1
66 35.1 14.4 54.4





#11

bis(2-Chloroethyl)ether

Concen: 80.659 ng

RT: 7.119 min Scan# 711

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 155556

Ion Ratio Lower Upper

93 100

63 78.7 59.1 99.1

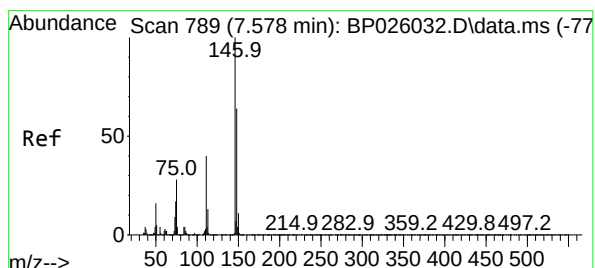
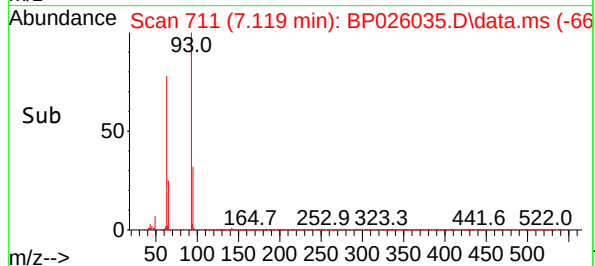
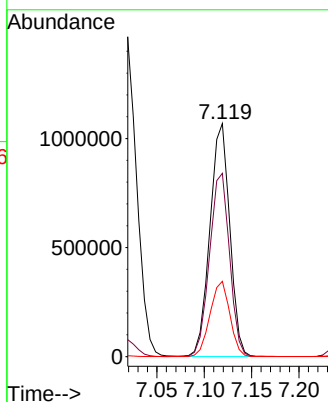
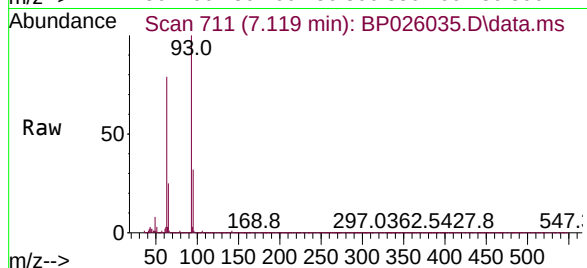
95 32.3 12.6 52.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#12

1,3-Dichlorobenzene

Concen: 79.076 ng

RT: 7.578 min Scan# 789

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

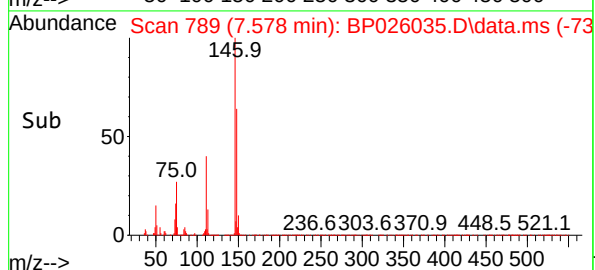
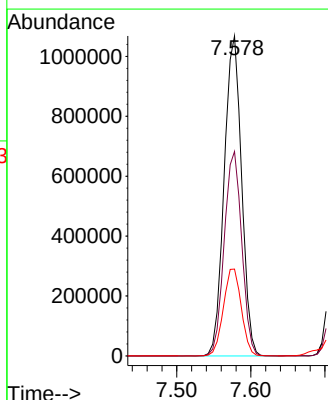
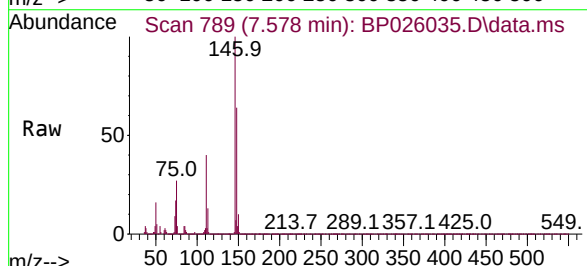
Tgt Ion:146 Resp: 1739151

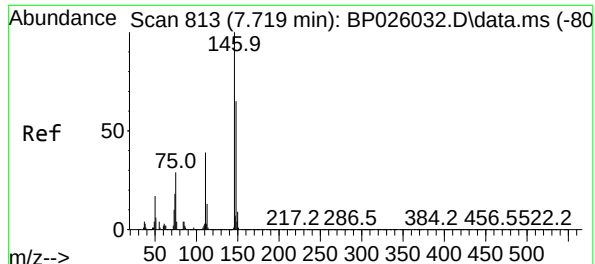
Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

75 27.1 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 79.178 ng

RT: 7.725 min Scan# 813

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 1760668

Ion Ratio Lower Upper

146 100

148 64.9 52.2 78.2

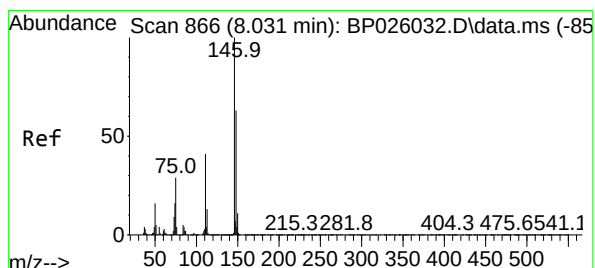
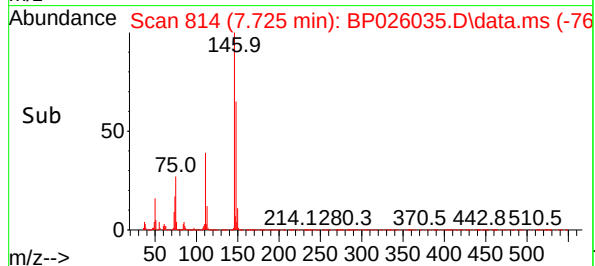
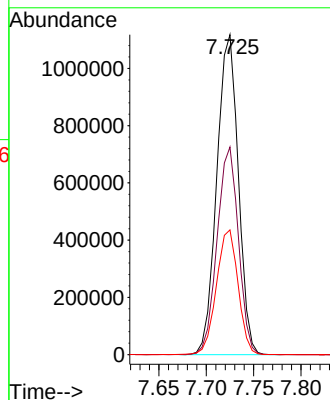
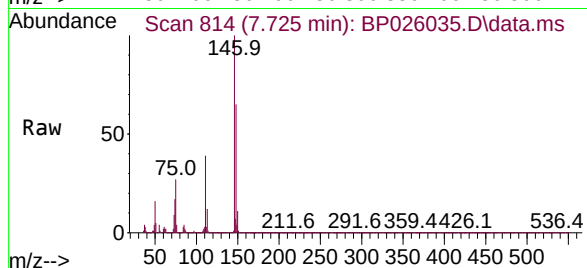
111 39.0 31.3 46.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#14

1,2-Dichlorobenzene

Concen: 79.697 ng

RT: 8.031 min Scan# 866

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

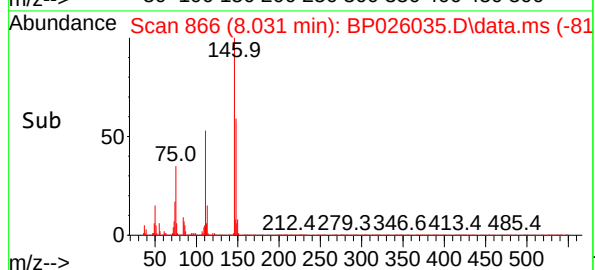
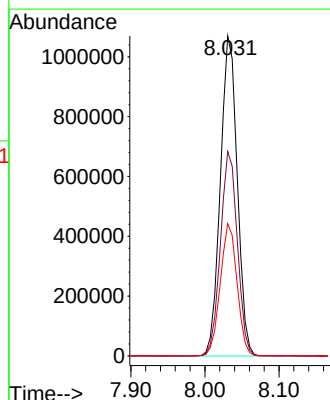
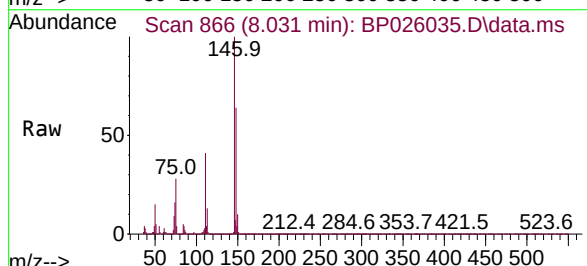
Tgt Ion:146 Resp: 1691085

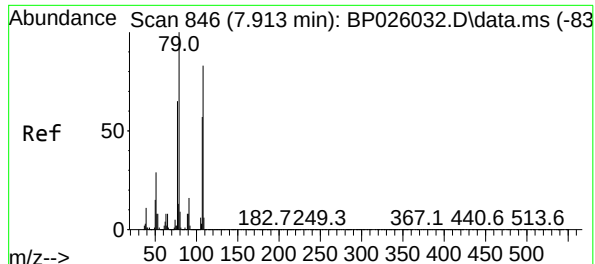
Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

111 41.4 33.0 49.4





#15

Benzyl Alcohol

Concen: 83.801 ng

RT: 7.913 min Scan# 846

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 1329833

Ion Ratio Lower Upper

79 100

108 81.3 66.0 99.0

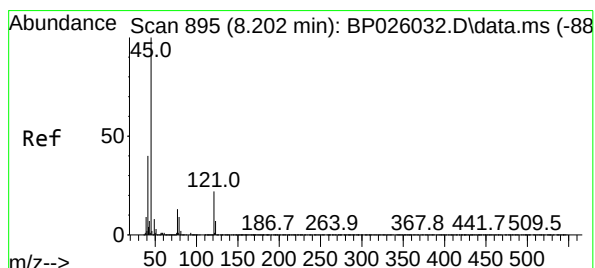
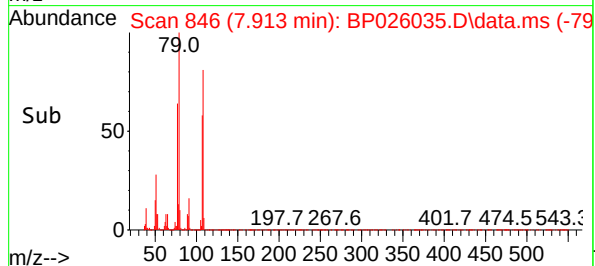
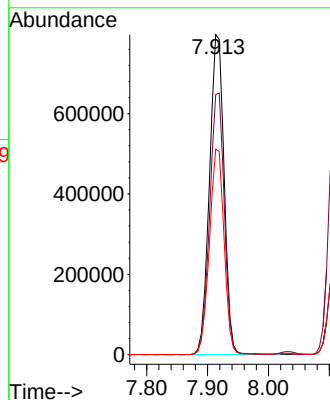
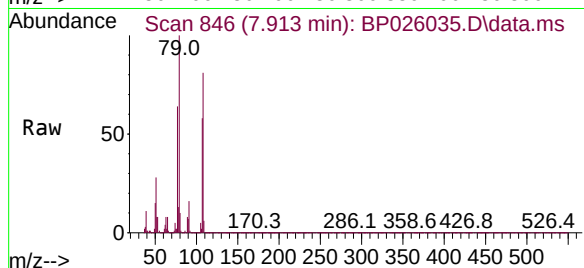
77 64.2 52.3 78.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 77.614 ng

RT: 8.201 min Scan# 895

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

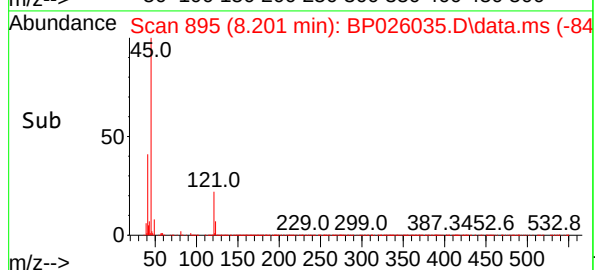
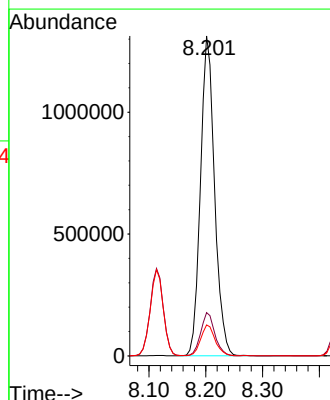
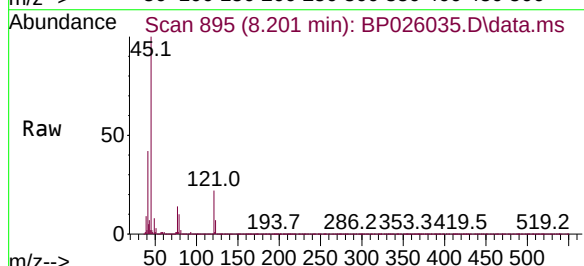
Tgt Ion: 45 Resp: 2262252

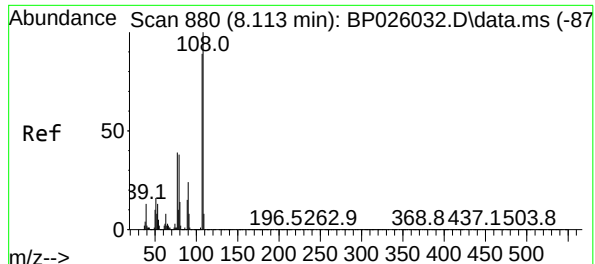
Ion Ratio Lower Upper

45 100

77 13.5 0.0 33.2

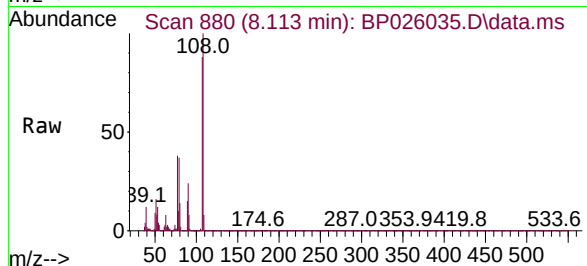
79 9.7 0.0 29.5





#17
2-Methylphenol
Concen: 83.922 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

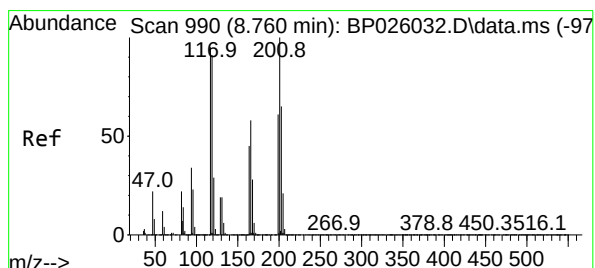
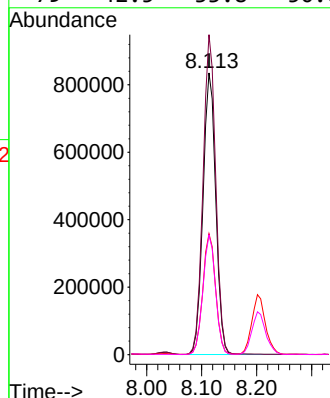
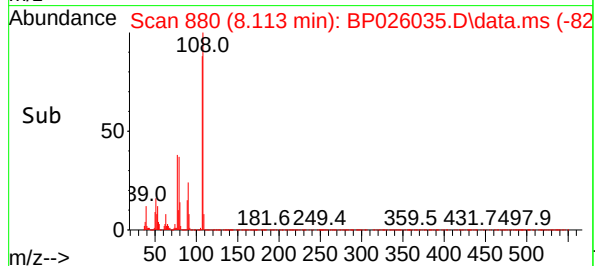
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 1342933
Ion Ratio Lower Upper
107 100
108 113.6 89.8 134.8
77 42.9 34.8 52.2
79 42.5 33.8 50.6

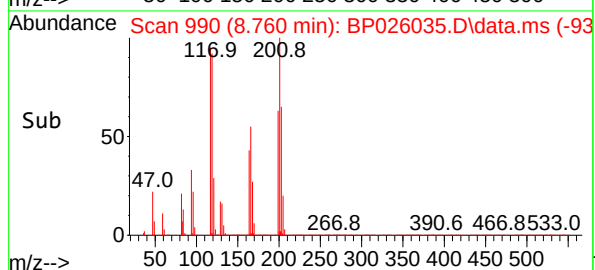
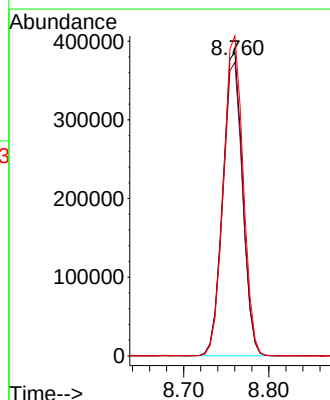
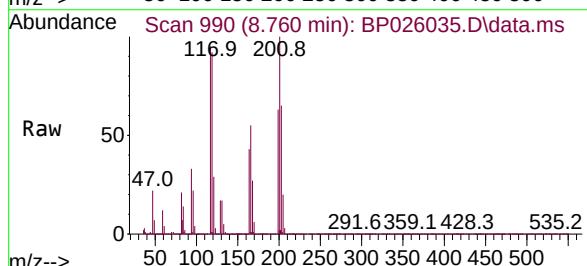
Manual Integrations
APPROVED

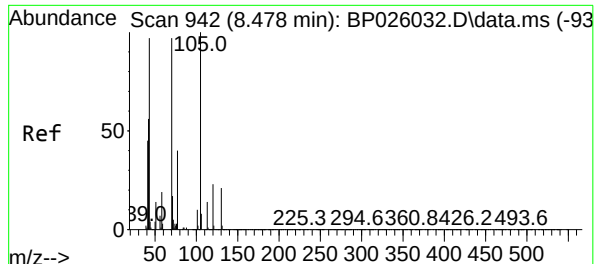
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#18
Hexachloroethane
Concen: 81.910 ng
RT: 8.760 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:117 Resp: 623268
Ion Ratio Lower Upper
117 100
119 96.7 76.5 114.7
201 105.4 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 82.397 ng

RT: 8.490 min Scan# 94

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 112588

Ion Ratio Lower Upper

70 100

42 56.8 47.2 70.8

101 10.3 8.2 12.2

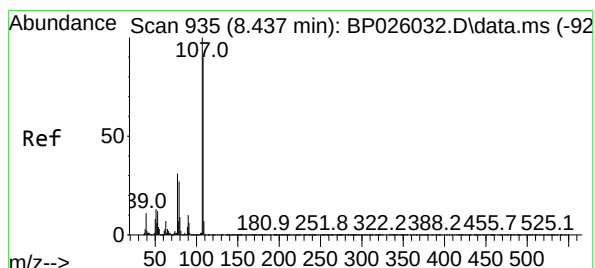
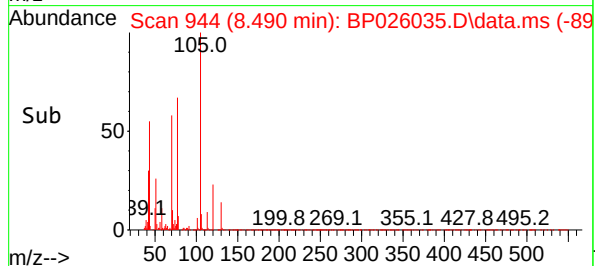
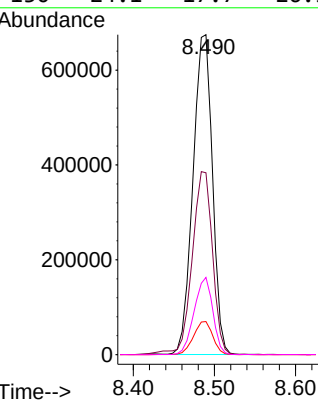
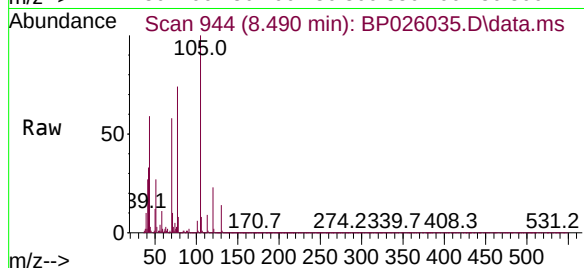
130 24.1 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#20

3+4-Methylphenols

Concen: 81.769 ng

RT: 8.443 min Scan# 936

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Tgt Ion:107 Resp: 1820304

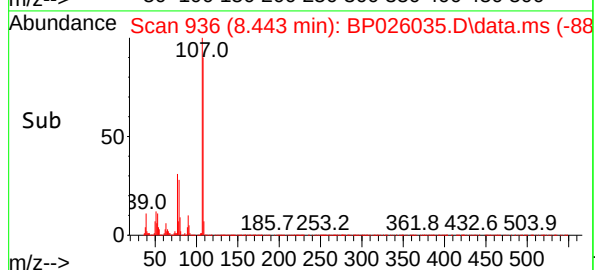
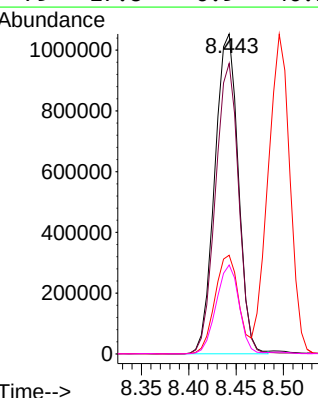
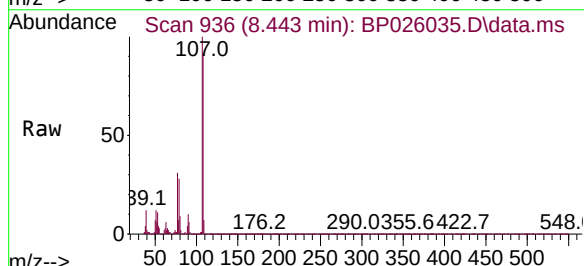
Ion Ratio Lower Upper

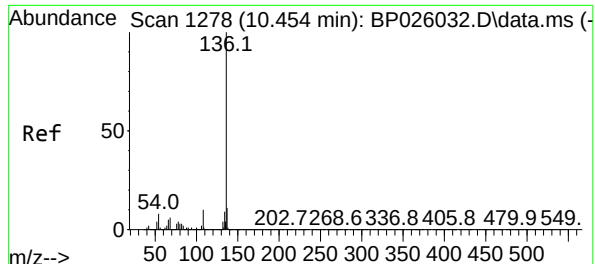
107 100

108 90.8 70.1 110.1

77 30.8 10.7 50.7

79 27.8 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.454 min Scan# 1278

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 1176810

Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.0 6.6 10.0

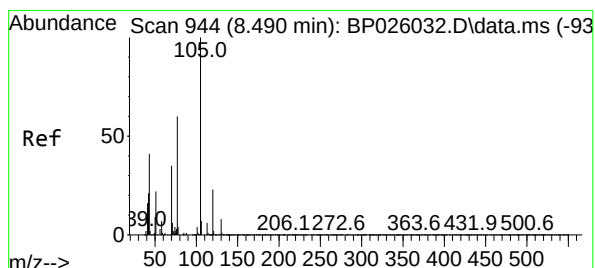
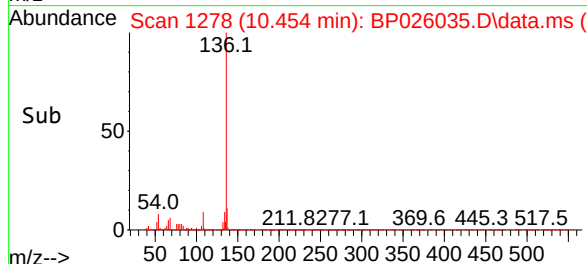
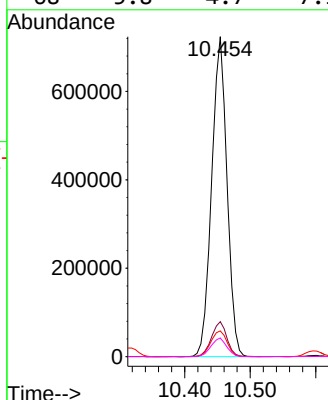
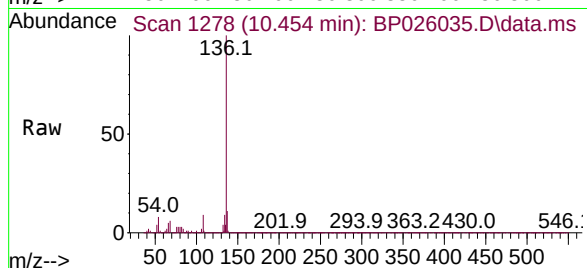
68 5.8 4.7 7.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#22

Acetophenone

Concen: 78.173 ng

RT: 8.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Tgt Ion:105 Resp: 2326587

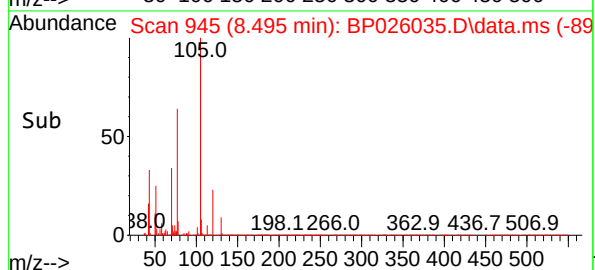
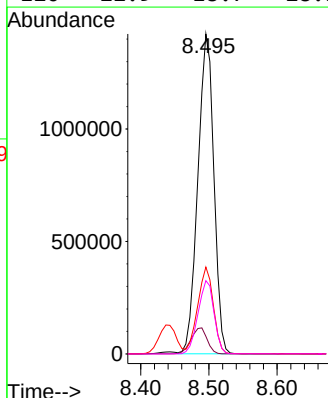
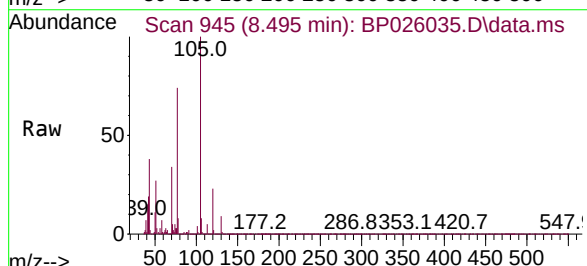
Ion Ratio Lower Upper

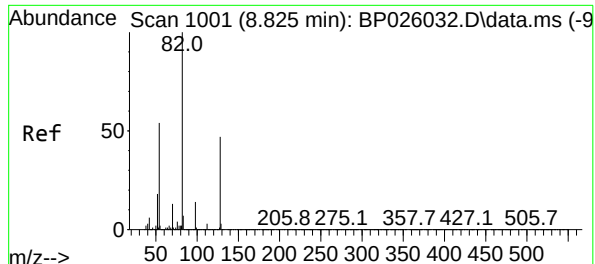
105 100

71 5.5 4.7 7.1

51 27.1 21.8 32.8

120 22.9 18.7 28.1





#23

Nitrobenzene-d5

Concen: 170.878 ng

RT: 8.825 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 3225718

Ion Ratio Lower Upper

82 100

128 48.0 37.4 56.0

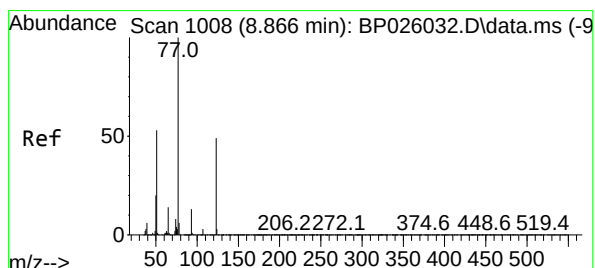
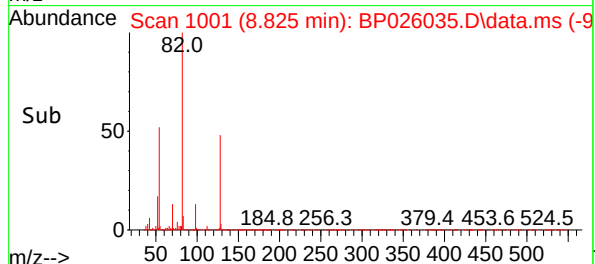
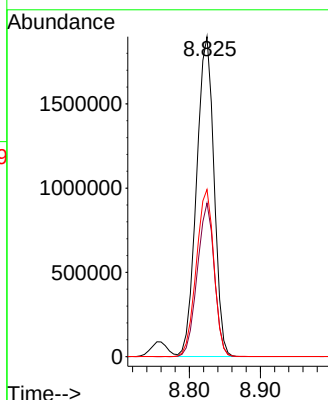
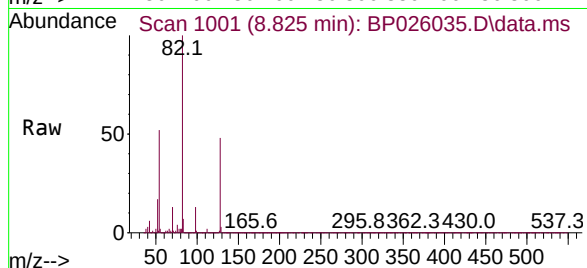
54 52.2 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#24

Nitrobenzene

Concen: 83.585 ng

RT: 8.866 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

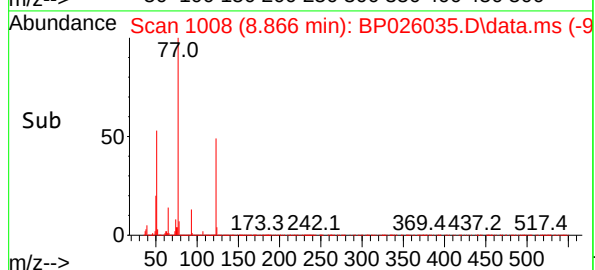
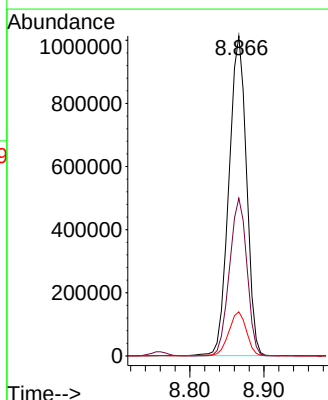
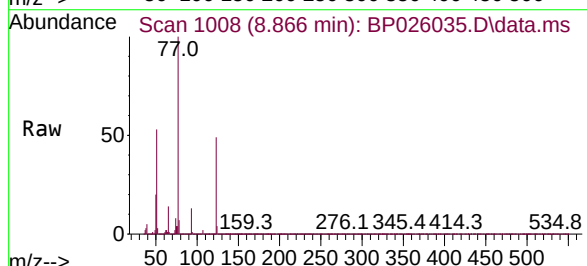
Tgt Ion: 77 Resp: 1665956

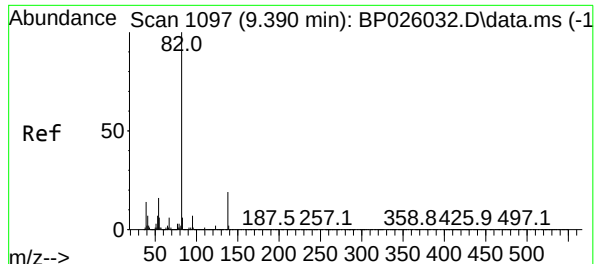
Ion Ratio Lower Upper

77 100

123 49.3 39.0 58.4

65 13.8 10.9 16.3





#25

Isophorone

Concen: 80.688 ng

RT: 9.390 min Scan# 1097

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 3260235

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

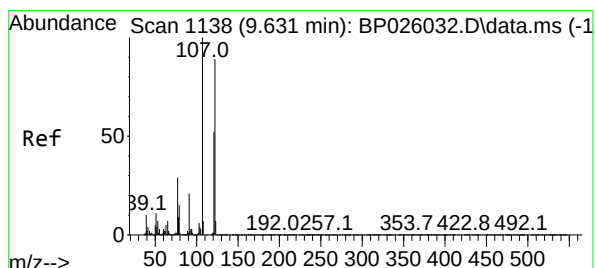
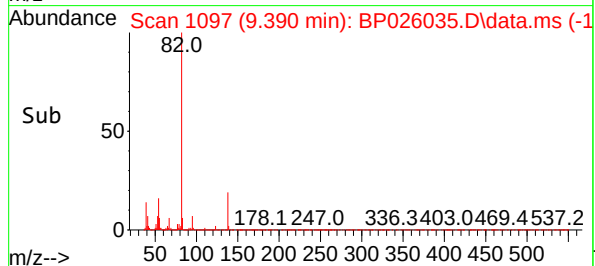
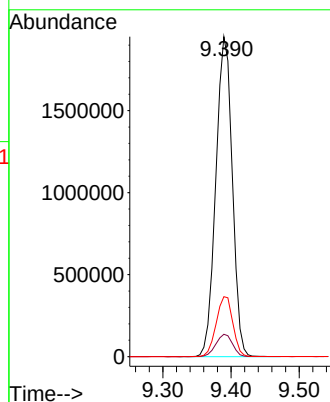
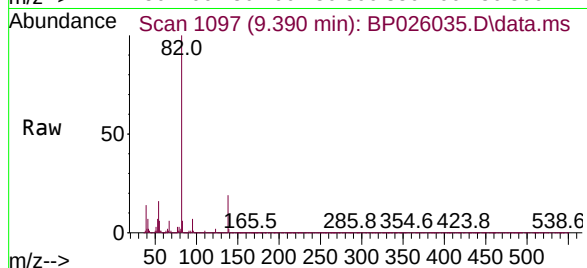
138 18.7 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#27

2,4-Dimethylphenol

Concen: 84.436 ng

RT: 9.631 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

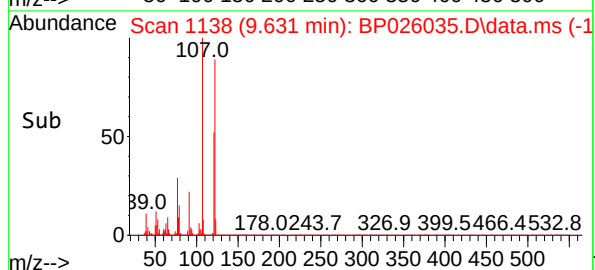
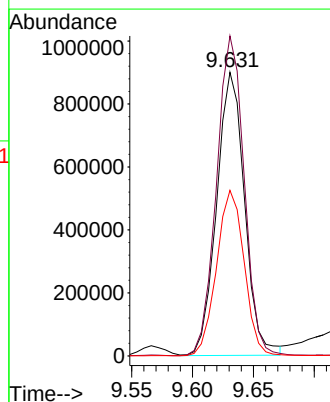
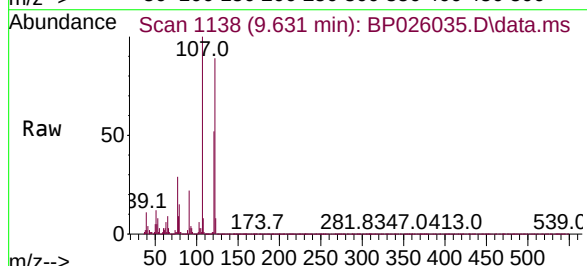
Tgt Ion:122 Resp: 1434677

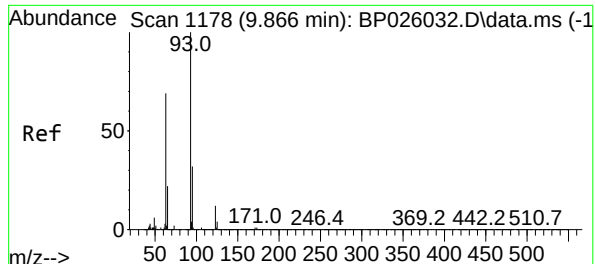
Ion Ratio Lower Upper

122 100

107 112.8 89.2 133.8

121 58.4 46.3 69.5





#28

bis(2-Chloroethoxy)methane

Concen: 78.950 ng

RT: 9.866 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 2010418

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

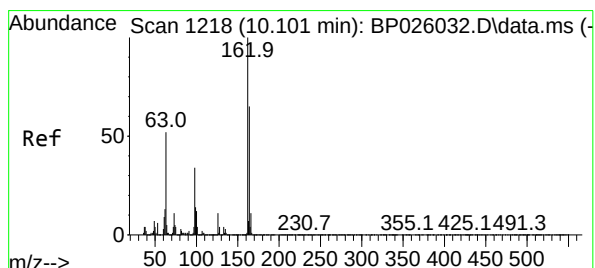
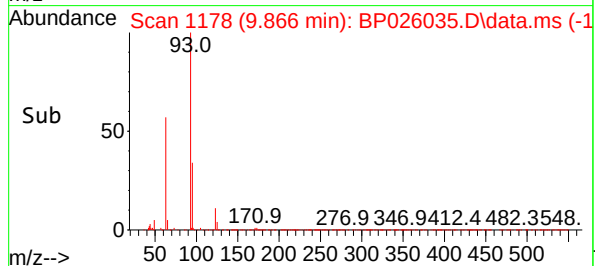
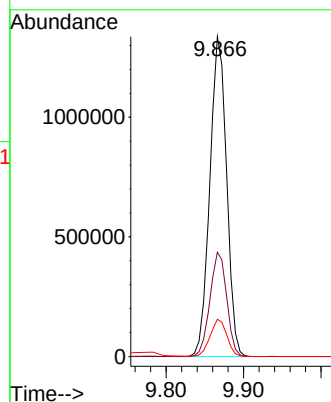
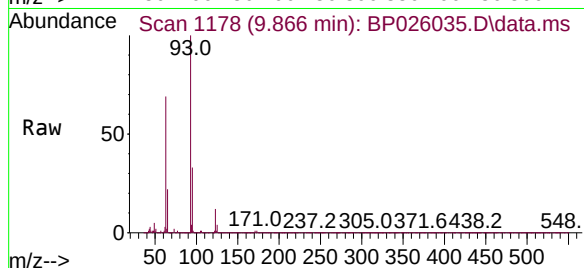
123 11.7 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#29

2,4-Dichlorophenol

Concen: 84.998 ng

RT: 10.095 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

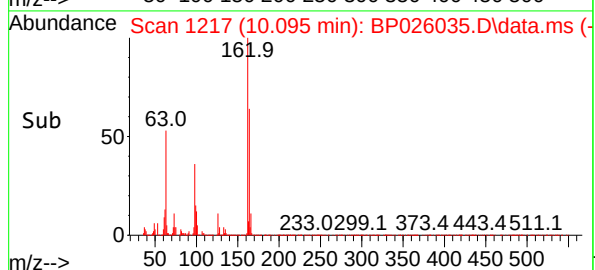
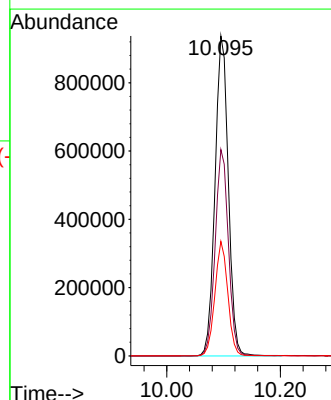
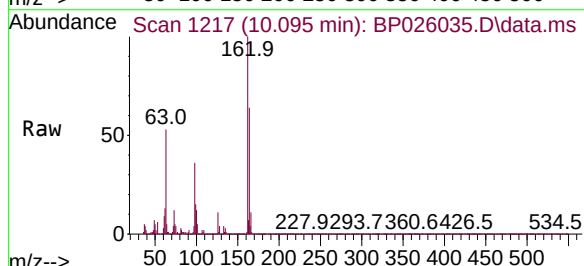
Tgt Ion:162 Resp: 1524906

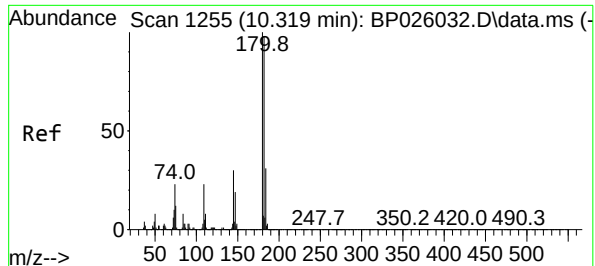
Ion Ratio Lower Upper

162 100

164 64.5 44.6 84.6

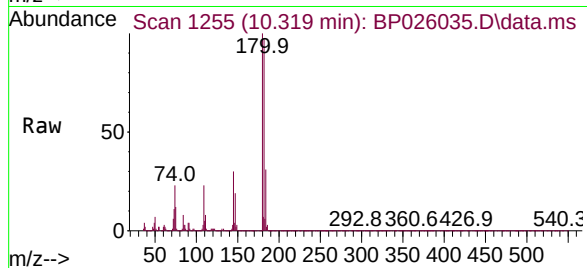
98 35.8 14.0 54.0





#30
1,2,4-Trichlorobenzene
Concen: 79.255 ng
RT: 10.319 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

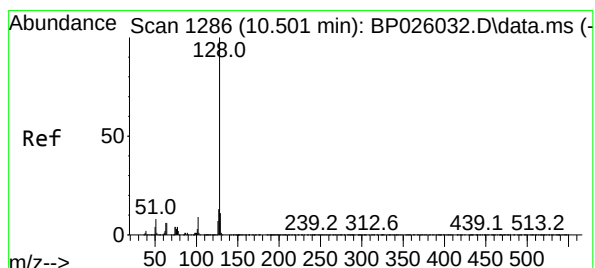
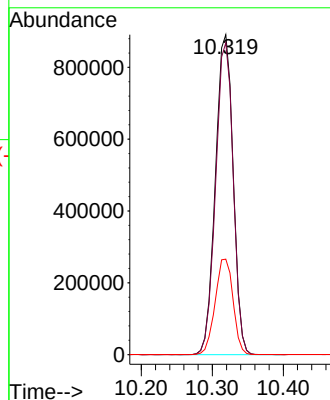
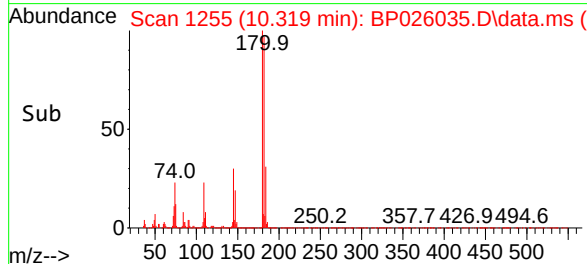
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:180 Resp: 1545459
Ion Ratio Lower Upper
180 100
182 97.4 78.6 117.8
145 29.8 24.2 36.4

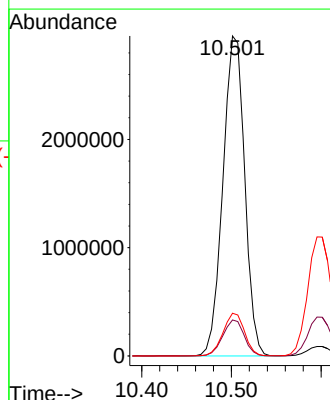
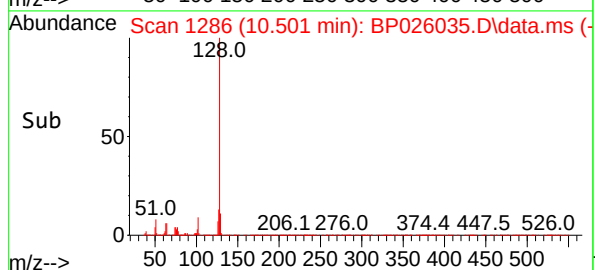
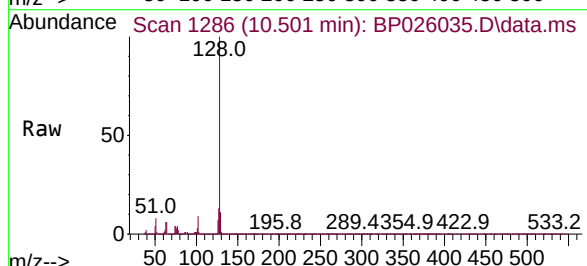
Manual Integrations
APPROVED

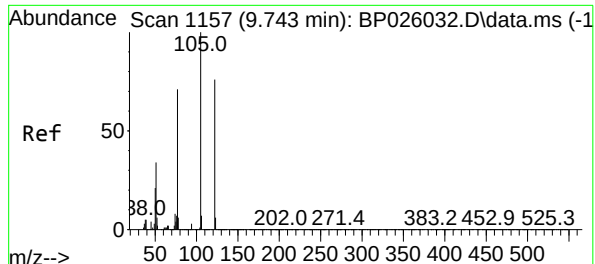
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#31
Naphthalene
Concen: 77.974 ng
RT: 10.501 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

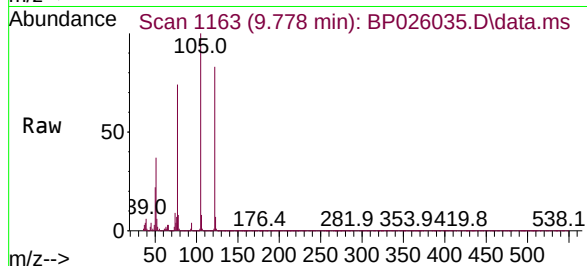
Tgt Ion:128 Resp: 5003853
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.5 15.7





#32
Benzoic acid
Concen: 79.140 ng
RT: 9.778 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

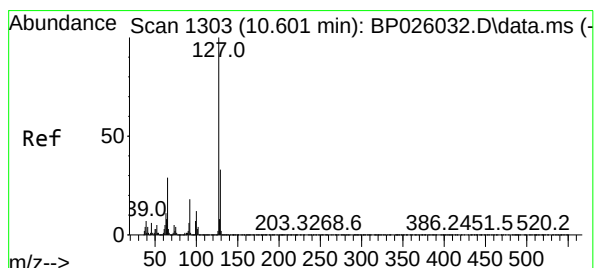
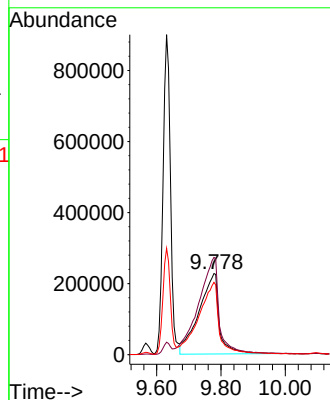
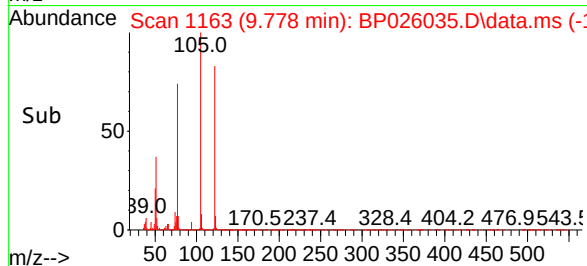
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:122 Resp: 1000336
Ion Ratio Lower Upper
122 100
105 119.9 104.8 144.8
77 89.0 70.9 110.9

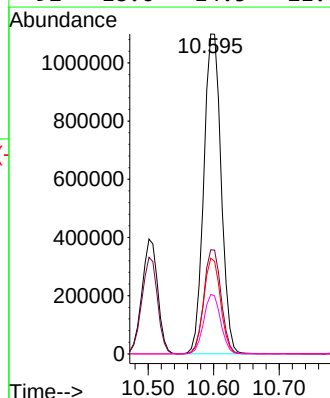
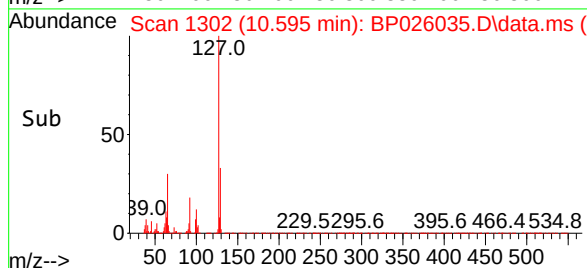
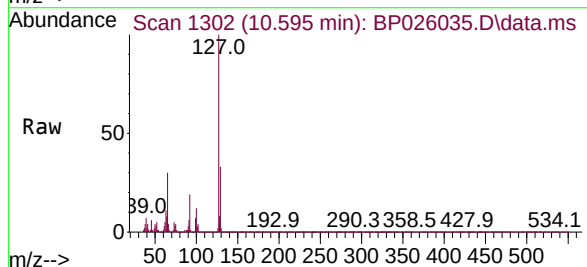
Manual Integrations
APPROVED

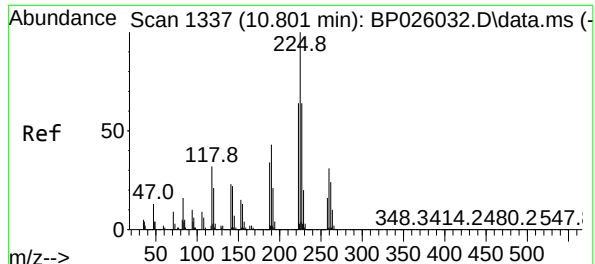
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#33
4-Chloroaniline
Concen: 81.448 ng
RT: 10.595 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

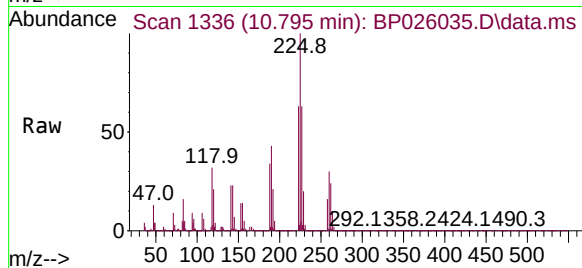
Tgt Ion:127 Resp: 2008519
Ion Ratio Lower Upper
127 100
129 32.5 26.0 39.0
65 29.9 23.2 34.8
92 18.6 14.5 21.7





#34
Hexachlorobutadiene
Concen: 78.780 ng
RT: 10.795 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

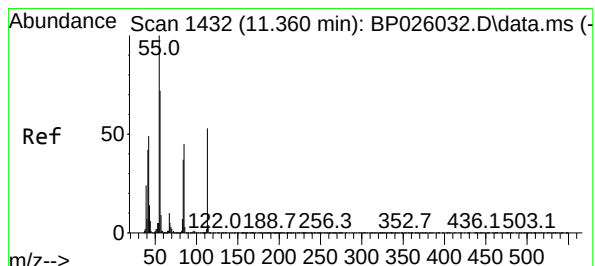
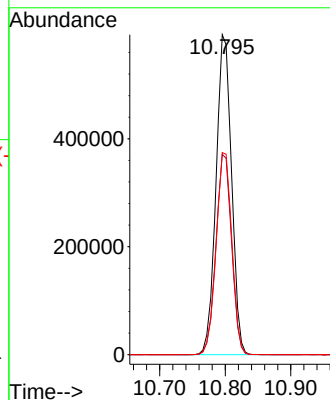
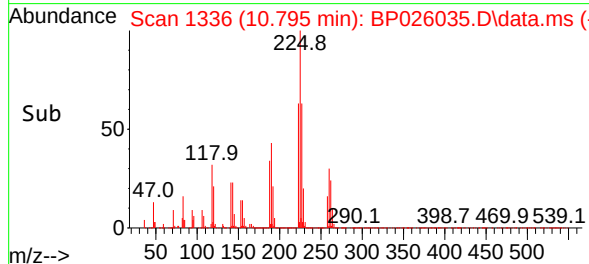
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:225 Resp: 976216
Ion Ratio Lower Upper
225 100
223 62.6 50.9 76.3
227 63.1 51.0 76.4

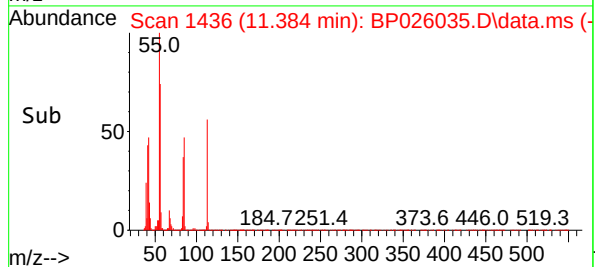
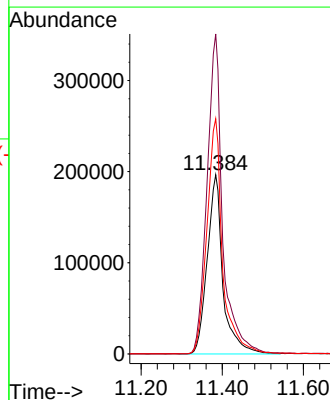
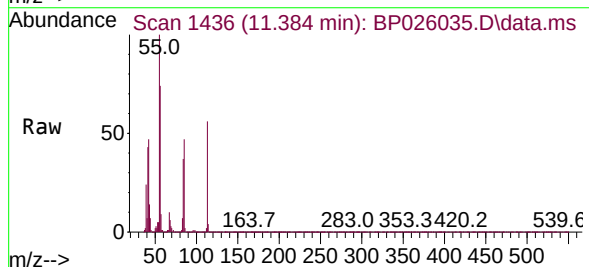
Manual Integrations
APPROVED

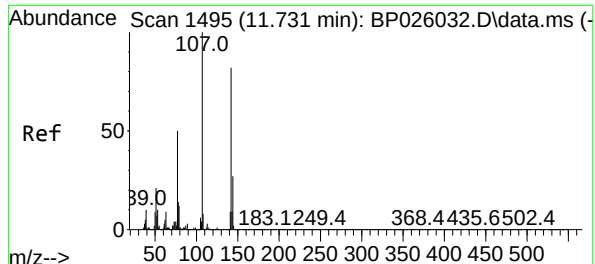
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#35
Caprolactam
Concen: 83.619 ng
RT: 11.384 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

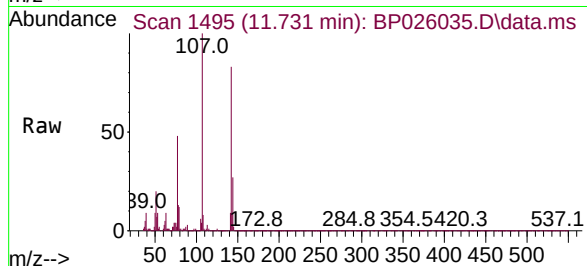
Tgt Ion:113 Resp: 526808
Ion Ratio Lower Upper
113 100
55 178.6 169.9 209.9
56 131.3 116.7 156.7





#36
4-Chloro-3-methylphenol
Concen: 84.393 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

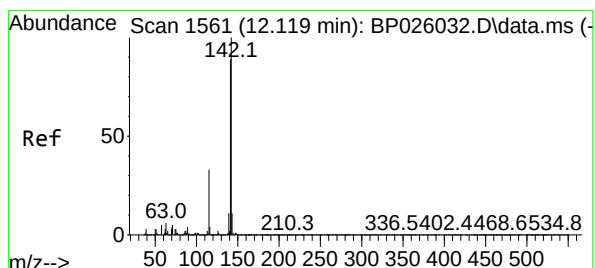
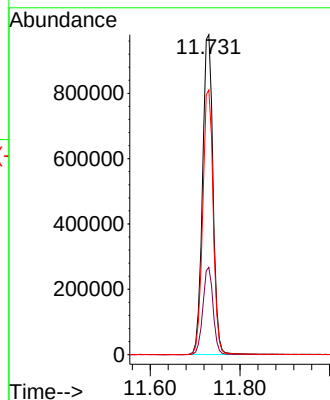
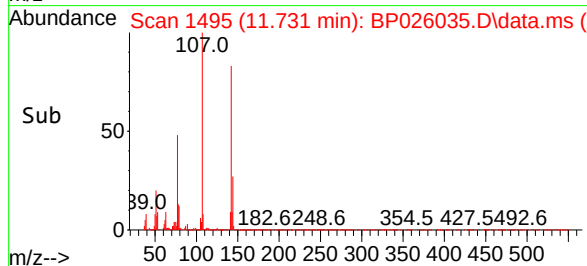
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 158717
Ion Ratio Lower Upper
107 100
144 27.3 21.3 31.9
142 82.7 65.2 97.8

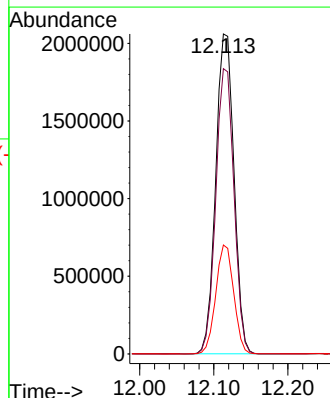
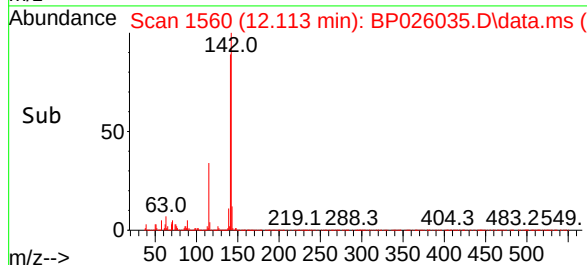
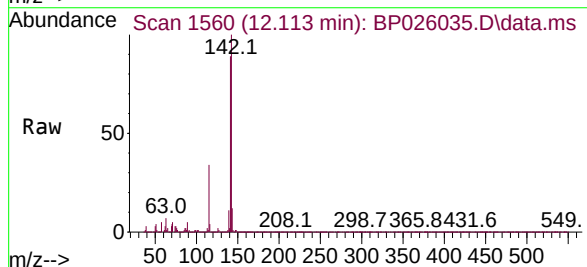
Manual Integrations
APPROVED

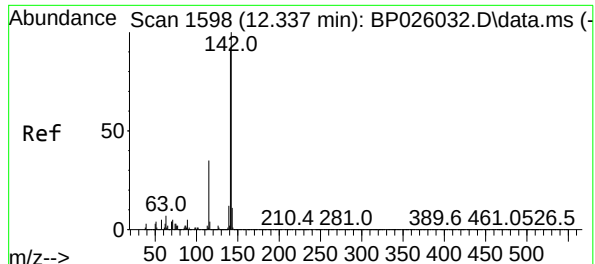
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#37
2-Methylnaphthalene
Concen: 78.637 ng
RT: 12.113 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:142 Resp: 3532026
Ion Ratio Lower Upper
142 100
141 89.1 71.6 107.4
115 34.0 26.6 39.8





#38

1-Methylnaphthalene

Concen: 78.306 ng

RT: 12.336 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 3416923

Ion Ratio Lower Upper

142 100

141 91.9 72.7 109.1

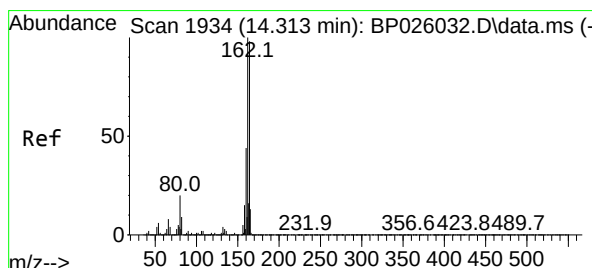
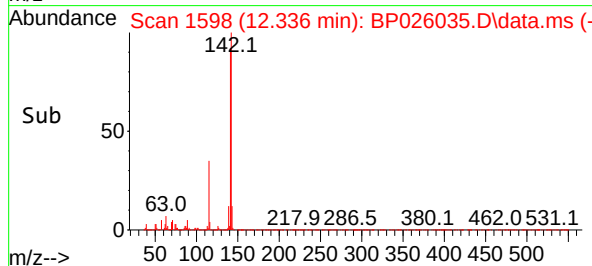
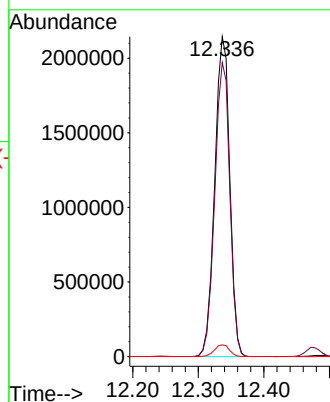
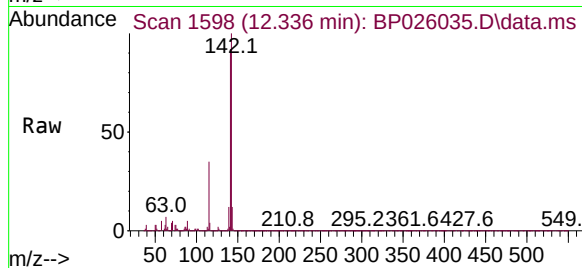
116 3.7 2.9 4.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

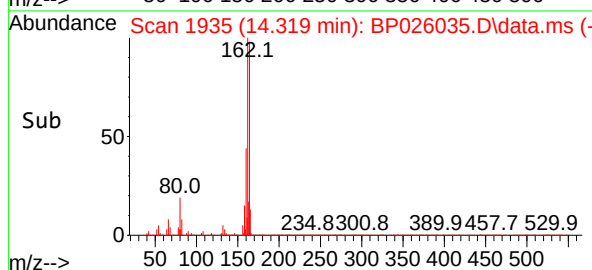
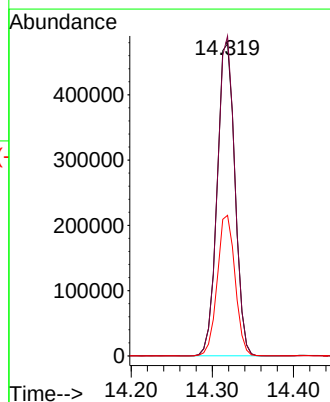
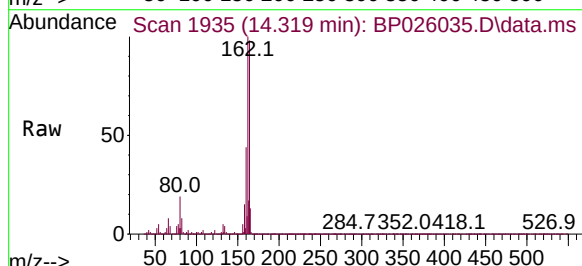
Tgt Ion:164 Resp: 727864

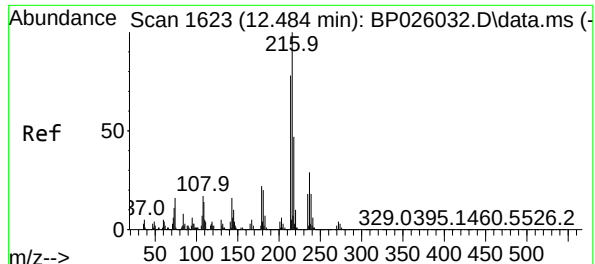
Ion Ratio Lower Upper

164 100

162 102.5 81.5 122.3

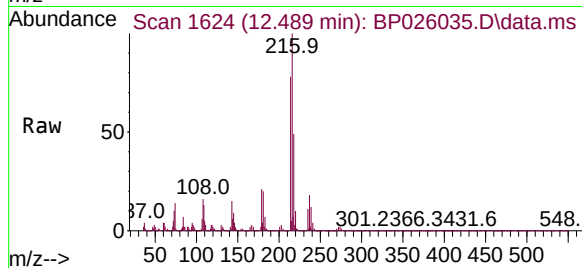
160 45.0 36.2 54.4





#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.720 ng
RT: 12.489 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

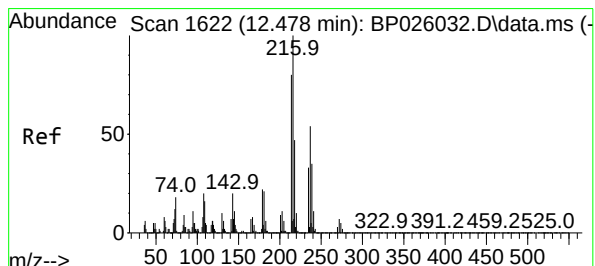
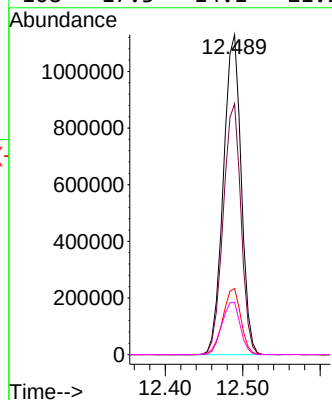
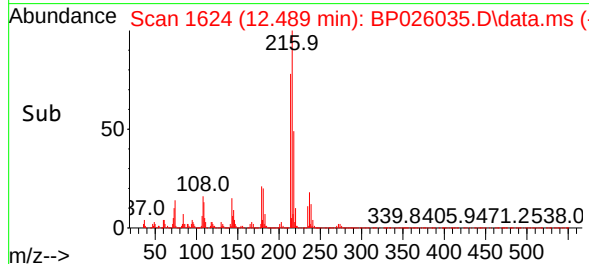
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:216 Resp: 1802921
Ion Ratio Lower Upper
216 100
214 78.5 62.9 94.3
179 20.8 16.9 25.3
108 17.3 14.1 21.1

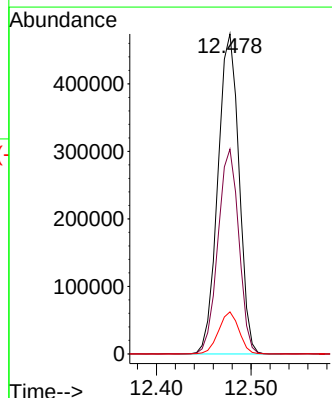
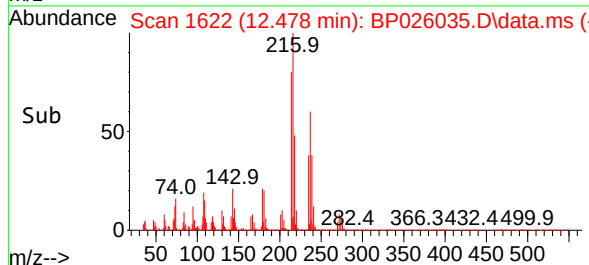
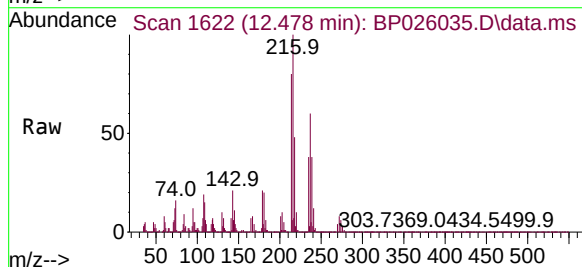
Manual Integrations
APPROVED

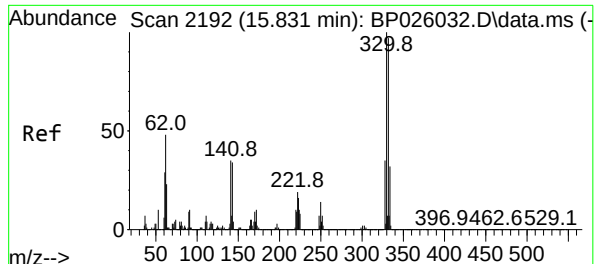
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#41
Hexachlorocyclopentadiene
Concen: 88.474 ng
RT: 12.478 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:237 Resp: 732085
Ion Ratio Lower Upper
237 100
235 64.0 40.4 80.4
272 13.1 0.0 32.2





#42

2,4,6-Tribromophenol

Concen: 172.904 ng

RT: 15.830 min Scan# 2192

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:330 Resp: 1360572

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

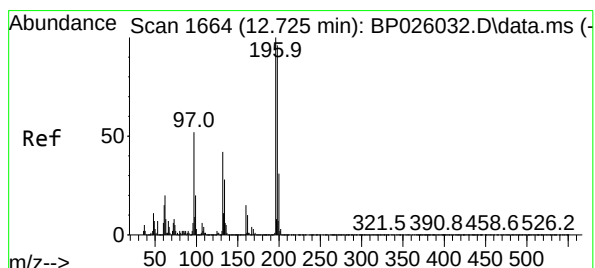
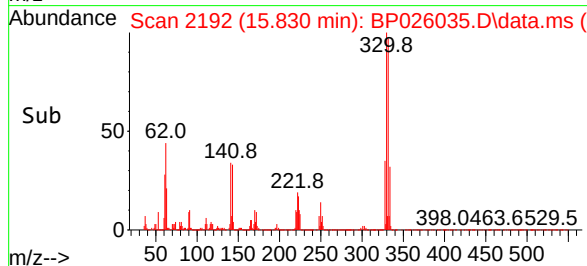
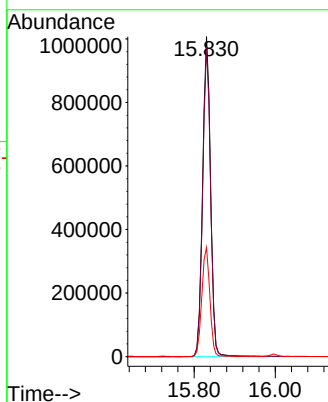
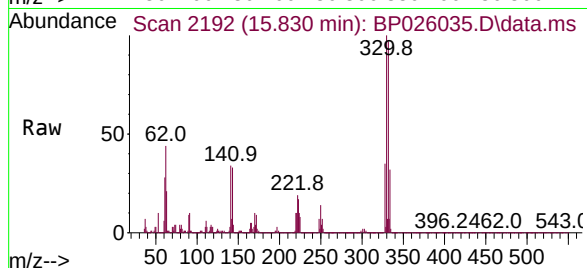
141 34.7 28.6 42.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#43

2,4,6-Trichlorophenol

Concen: 89.908 ng

RT: 12.725 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

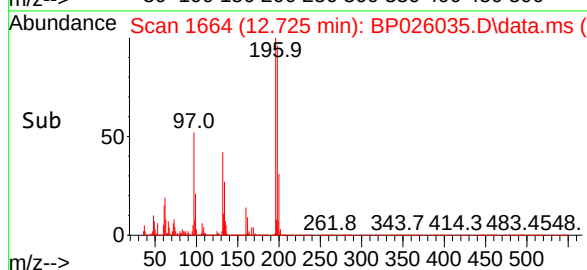
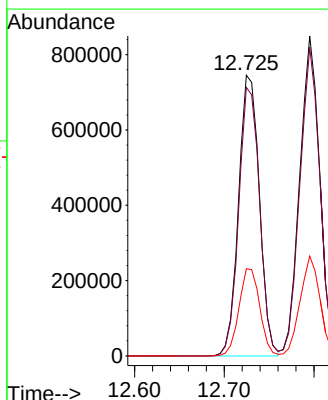
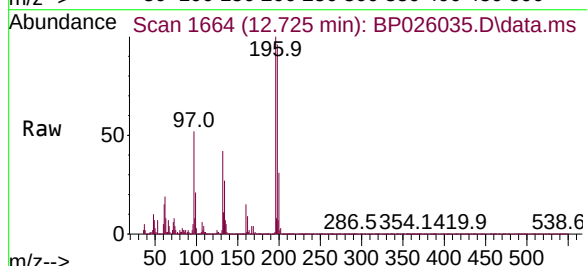
Tgt Ion:196 Resp: 1201855

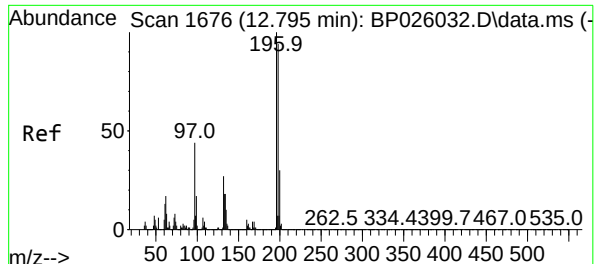
Ion Ratio Lower Upper

196 100

198 95.6 76.5 114.7

200 31.1 24.4 36.6





#44

2,4,5-Trichlorophenol

Concen: 87.017 ng

RT: 12.795 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:196 Resp: 1327296

Ion Ratio Lower Upper

196 100

198 96.4 75.1 112.7

97 44.6 35.5 53.3

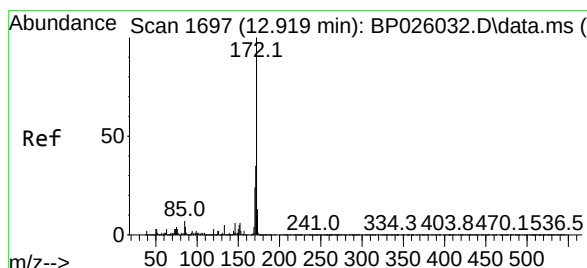
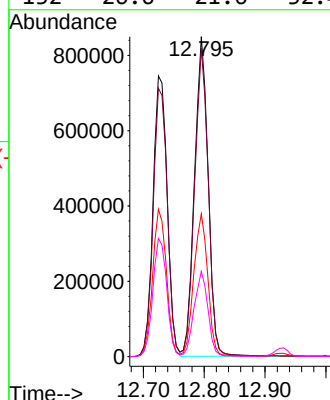
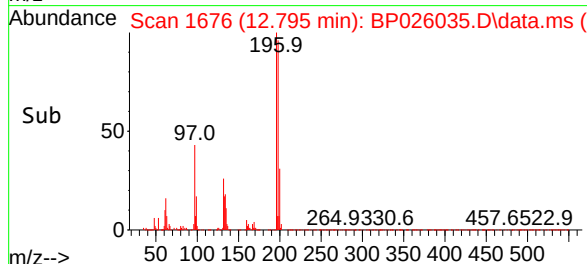
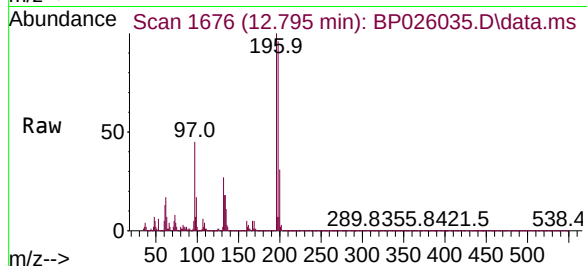
132 26.6 21.6 32.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#45

2-Fluorobiphenyl

Concen: 150.244 ng

RT: 12.931 min Scan# 1699

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

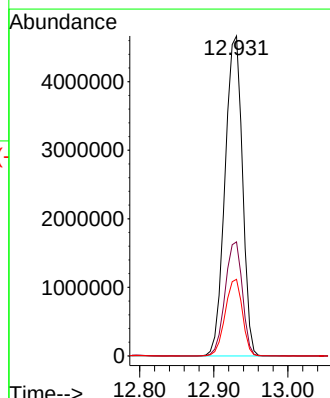
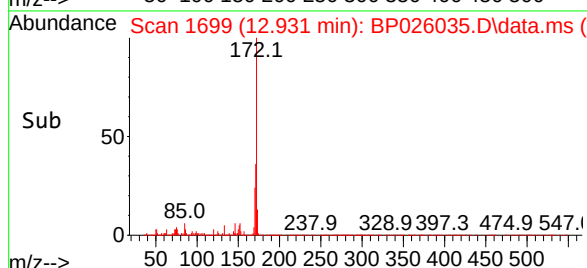
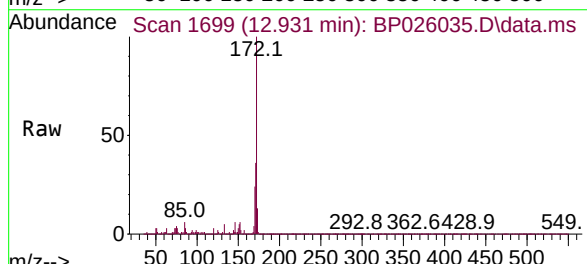
Tgt Ion:172 Resp: 7610514

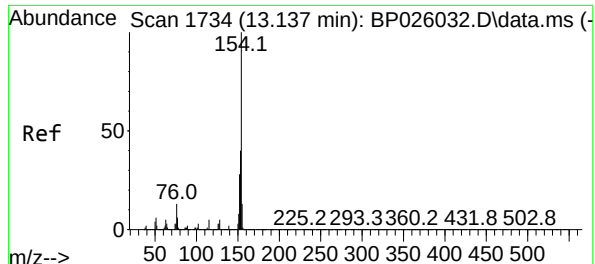
Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

170 23.9 19.0 28.4





#46

1,1'-Biphenyl

Concen: 77.997 ng

RT: 13.136 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:154 Resp: 434701

Ion Ratio Lower Upper

154 100

153 40.1 20.2 60.2

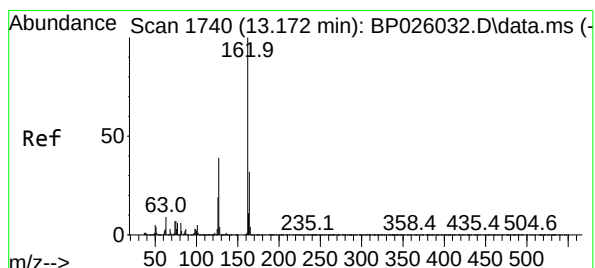
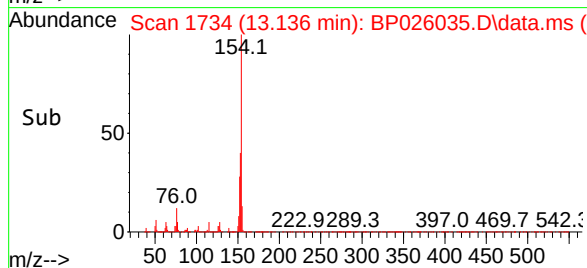
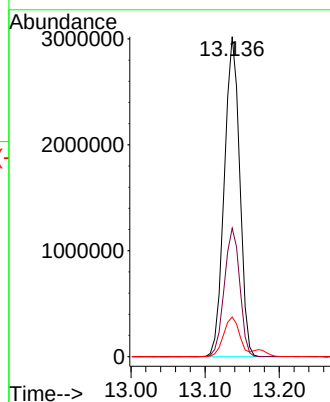
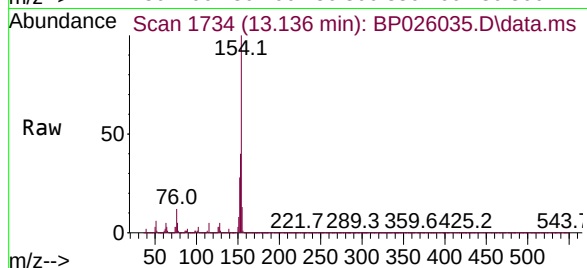
76 12.4 0.0 32.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#47

2-Chloronaphthalene

Concen: 78.326 ng

RT: 13.172 min Scan# 1740

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

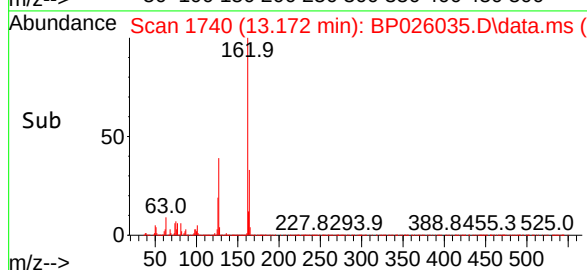
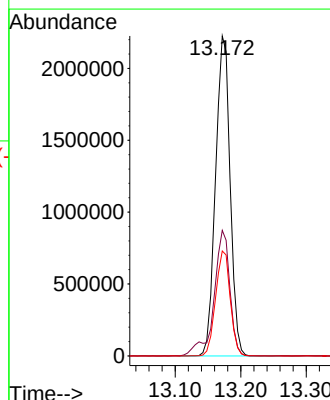
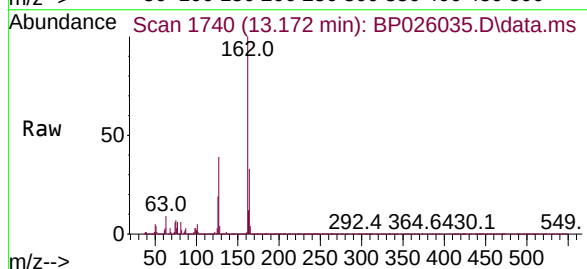
Tgt Ion:162 Resp: 3434628

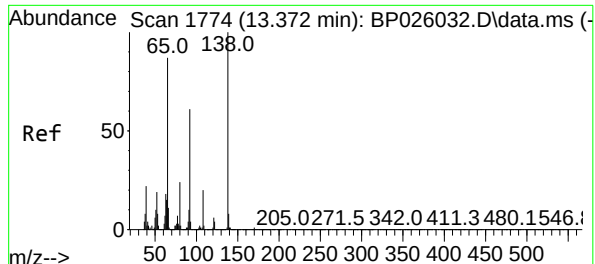
Ion Ratio Lower Upper

162 100

127 39.2 31.4 47.2

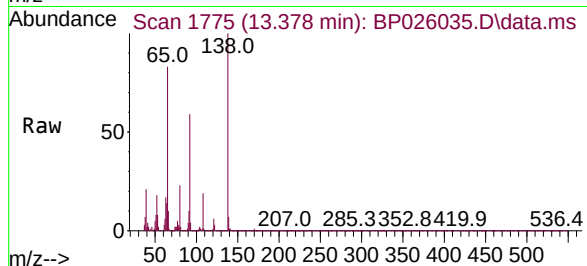
164 32.8 25.9 38.9





#48
2-Nitroaniline
Concen: 84.358 ng
RT: 13.378 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

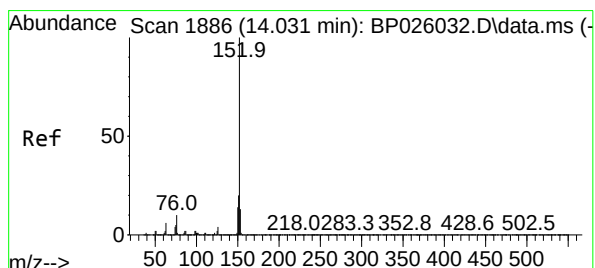
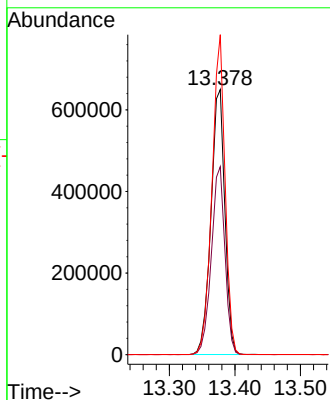
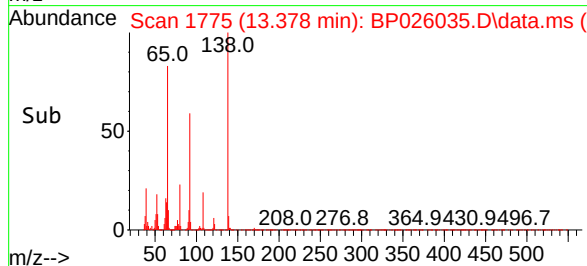
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 65 Resp: 958497
Ion Ratio Lower Upper
65 100
92 70.9 55.5 83.3
138 120.8 91.7 137.5

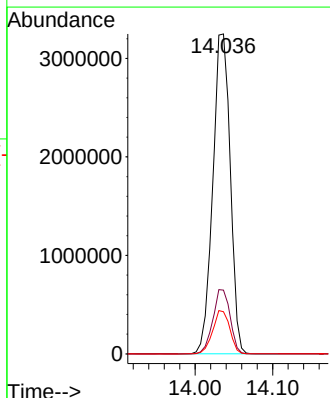
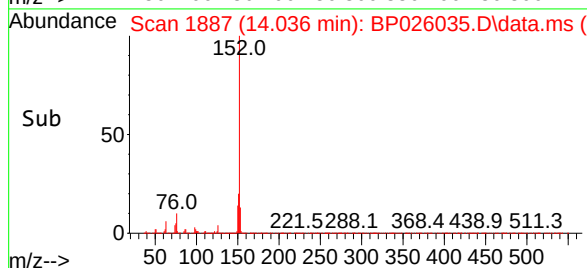
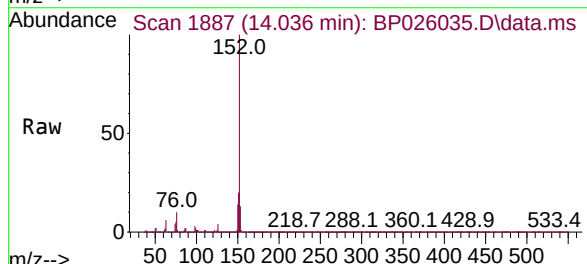
Manual Integrations
APPROVED

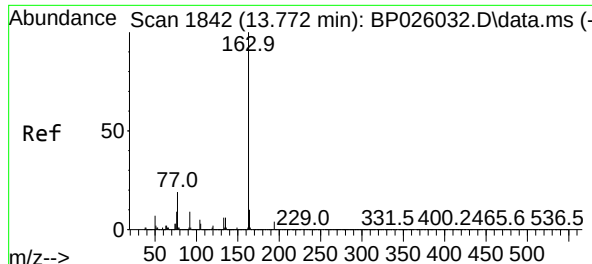
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#49
Acenaphthylene
Concen: 79.376 ng
RT: 14.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

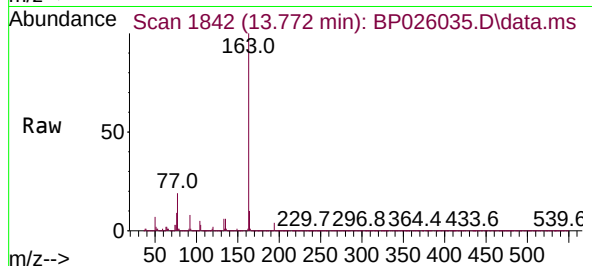
Tgt Ion:152 Resp: 5073069
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.2 10.6 16.0





#50
Dimethylphthalate
Concen: 79.090 ng
RT: 13.772 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

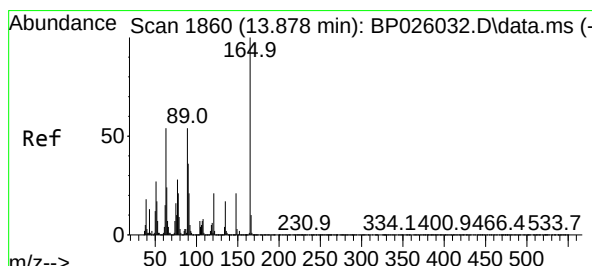
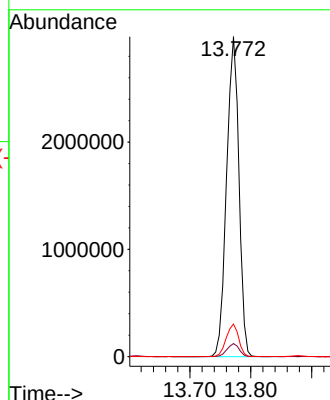
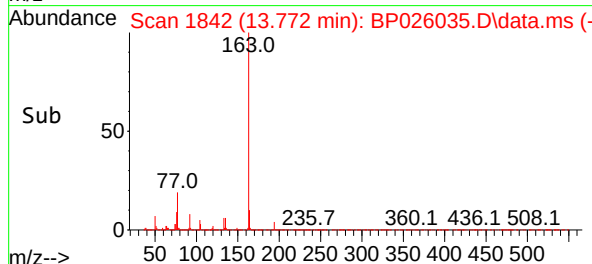
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:163 Resp: 4187309
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.2 8.2 12.2

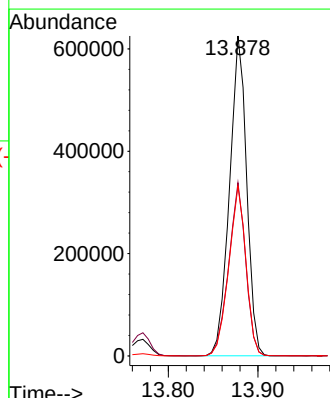
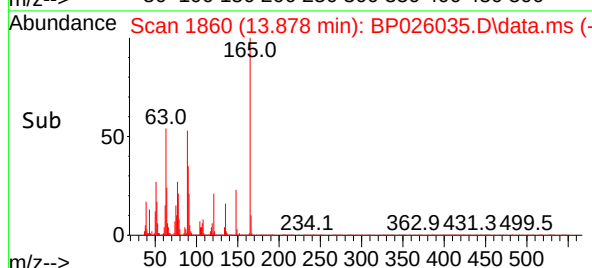
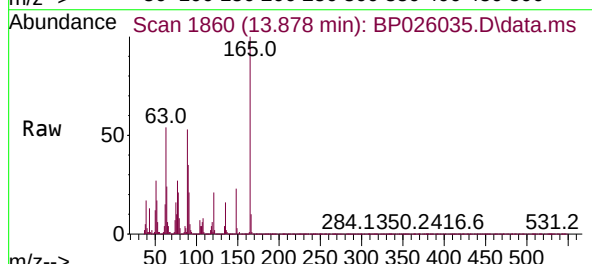
Manual Integrations
APPROVED

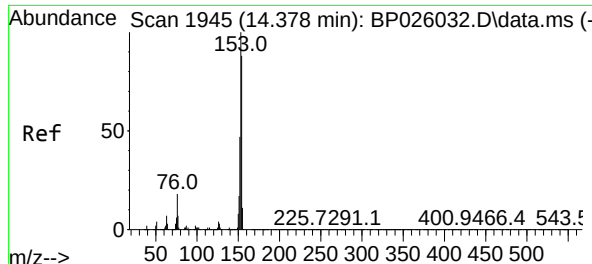
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#51
2,6-Dinitrotoluene
Concen: 83.478 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

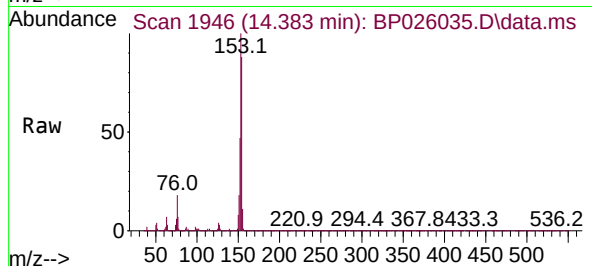
Tgt Ion:165 Resp: 834638
Ion Ratio Lower Upper
165 100
63 54.1 43.0 64.4
89 53.0 43.0 64.4





#52
Acenaphthene
Concen: 79.085 ng
RT: 14.383 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

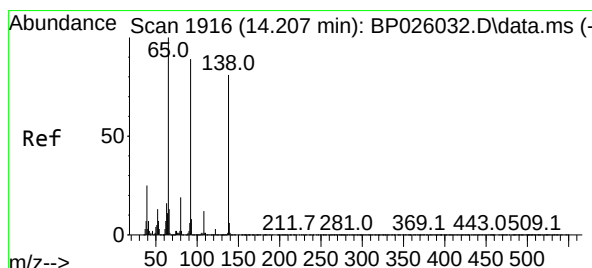
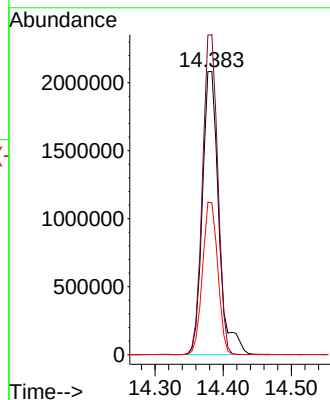
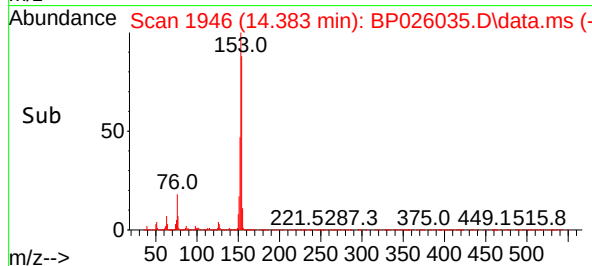
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:154 Resp: 3469946
Ion Ratio Lower Upper
154 100
153 113.0 91.0 136.4
152 53.7 42.7 64.1

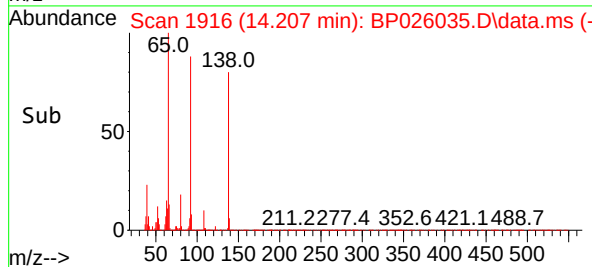
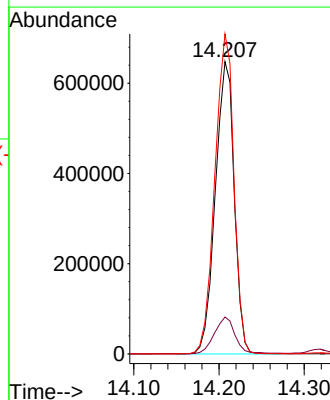
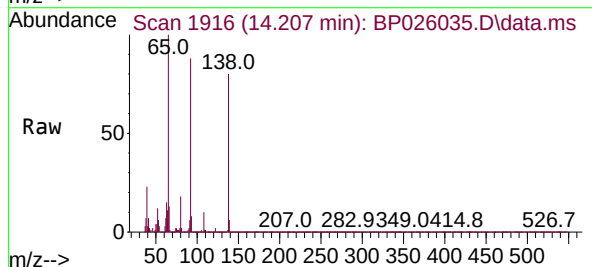
Manual Integrations
APPROVED

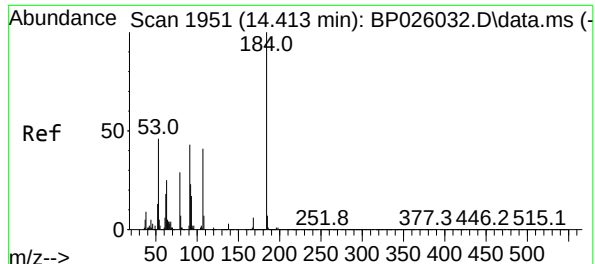
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#53
3-Nitroaniline
Concen: 81.547 ng
RT: 14.207 min Scan# 1916
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

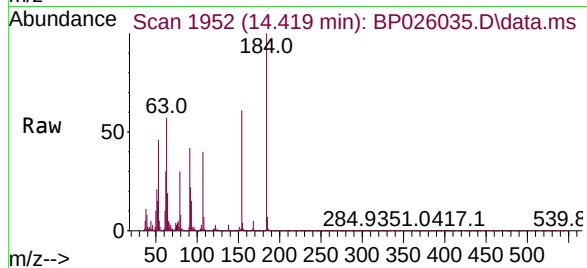
Tgt Ion:138 Resp: 995927
Ion Ratio Lower Upper
138 100
108 12.6 11.4 17.0
92 109.5 87.1 130.7





#54
2,4-Dinitrophenol
Concen: 79.098 ng
RT: 14.419 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

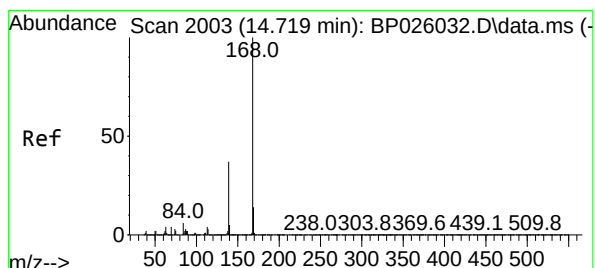
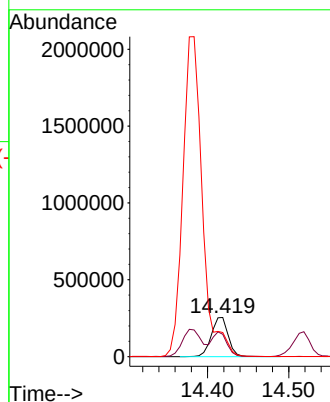
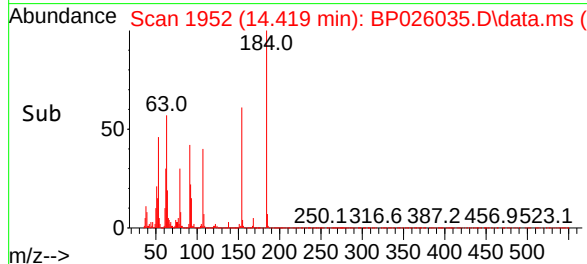
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 366262
Ion Ratio Lower Upper
184 100
63 57.1 49.0 73.4
154 61.5 51.0 76.6

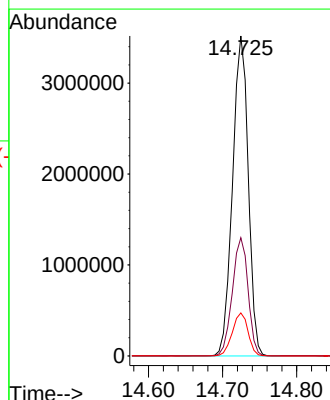
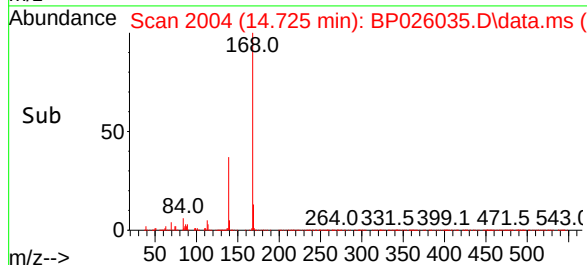
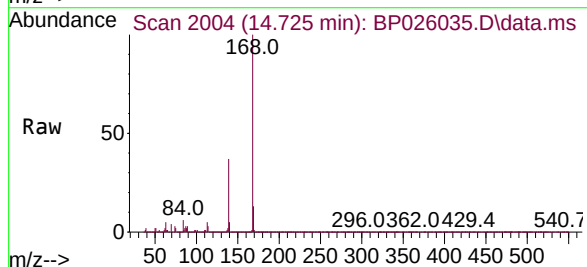
Manual Integrations
APPROVED

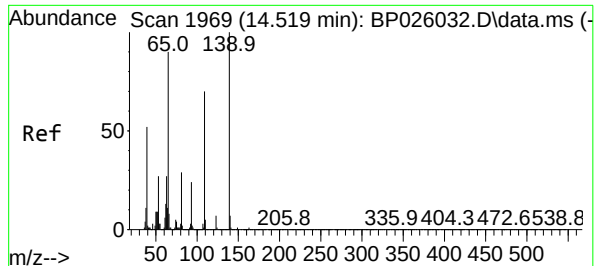
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#55
Dibenzofuran
Concen: 78.003 ng
RT: 14.725 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

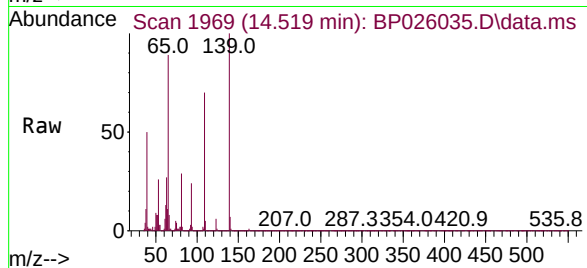
Tgt Ion:168 Resp: 5170871
Ion Ratio Lower Upper
168 100
139 36.9 29.7 44.5
169 13.4 11.0 16.4





#56
4-Nitrophenol
Concen: 82.900 ng
RT: 14.519 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

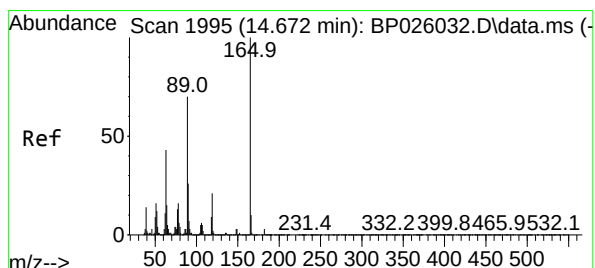
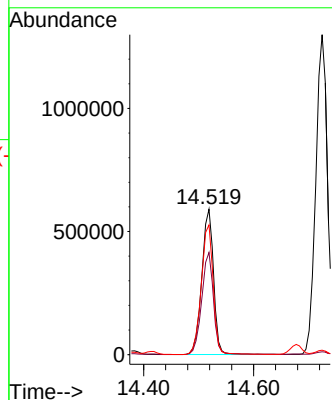
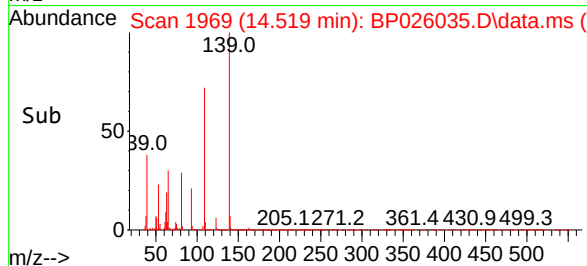
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:139 Resp: 875195
Ion Ratio Lower Upper
139 100
109 70.3 50.0 90.0
65 89.2 69.6 109.6

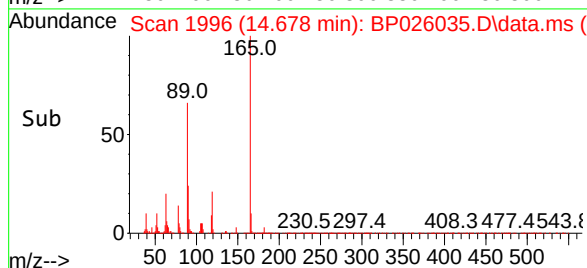
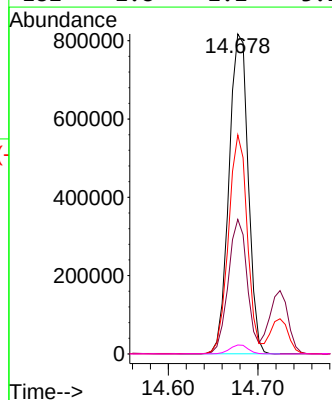
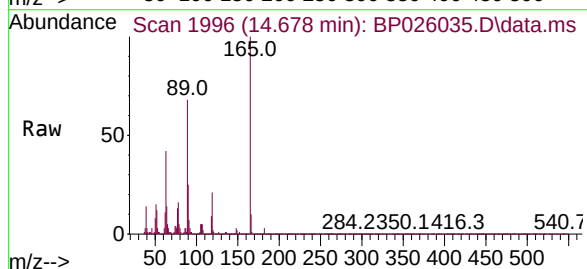
Manual Integrations
APPROVED

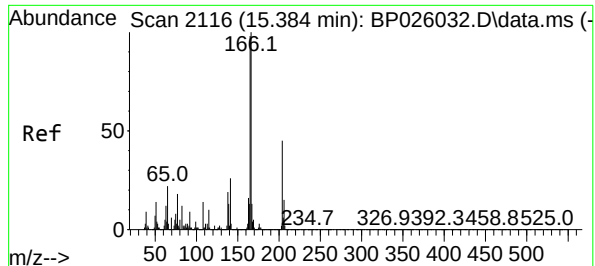
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#57
2,4-Dinitrotoluene
Concen: 83.983 ng
RT: 14.678 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

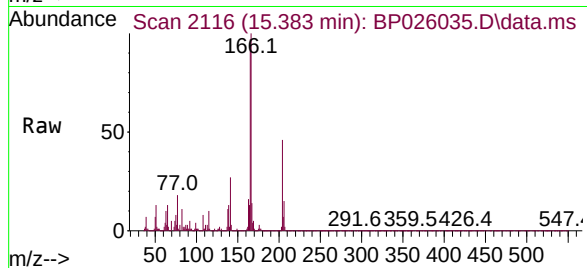
Tgt Ion:165 Resp: 1218227
Ion Ratio Lower Upper
165 100
63 42.0 34.2 51.2
89 68.5 56.0 84.0
182 2.8 2.2 3.2





#58
Fluorene
Concen: 73.925 ng
RT: 15.383 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

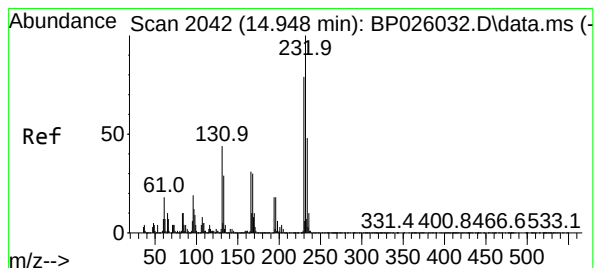
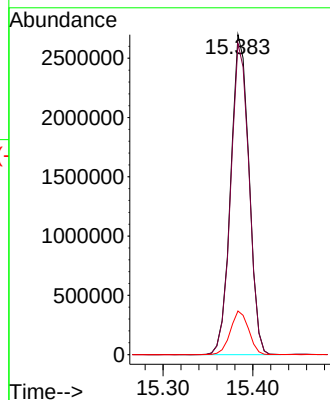
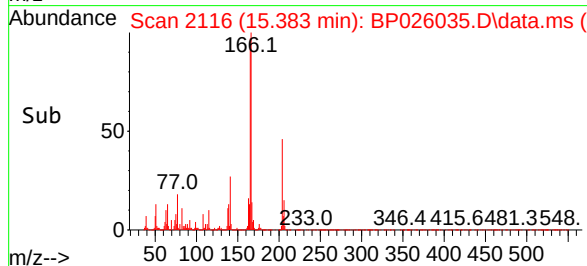
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:166 Resp: 3839303
Ion Ratio Lower Upper
166 100
165 97.2 78.1 117.1
167 13.6 10.6 16.0

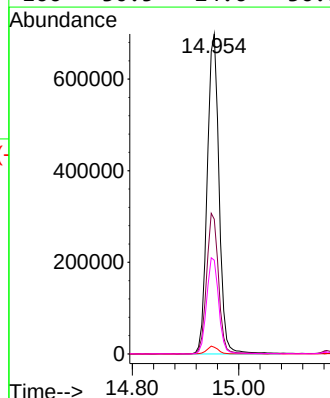
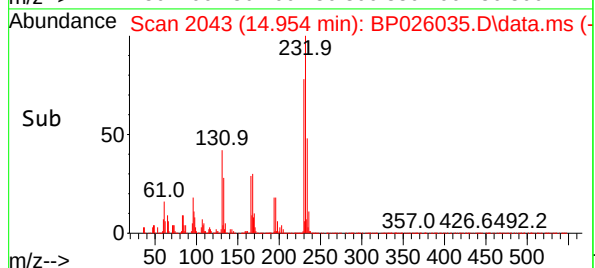
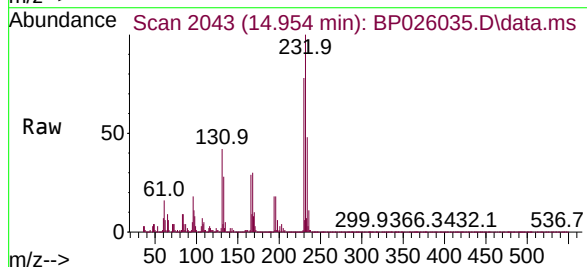
Manual Integrations
APPROVED

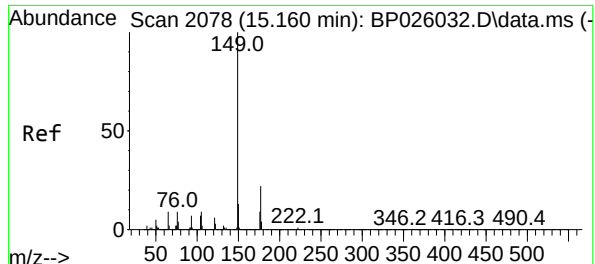
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 89.860 ng
RT: 14.954 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:232 Resp: 1077698
Ion Ratio Lower Upper
232 100
131 44.3 35.2 52.8
130 2.3 1.7 2.5
166 30.5 24.6 36.8





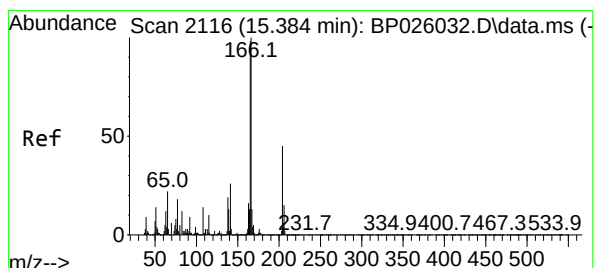
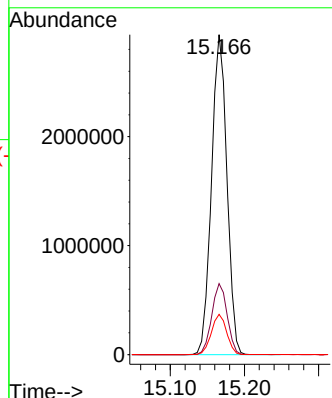
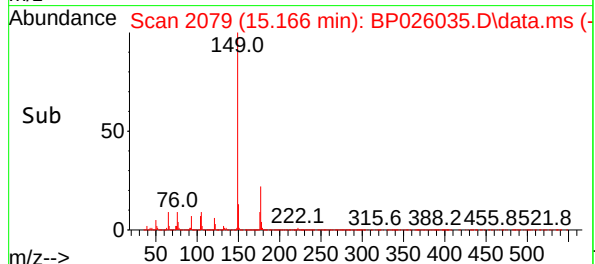
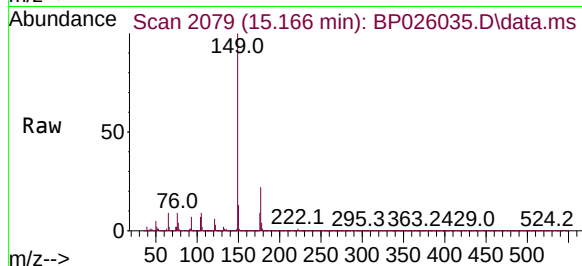
#60
Diethylphthalate
Concen: 79.517 ng
RT: 15.166 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 4232388
Ion Ratio Lower Upper
149 100
177 22.2 17.9 26.9
150 12.6 10.1 15.1

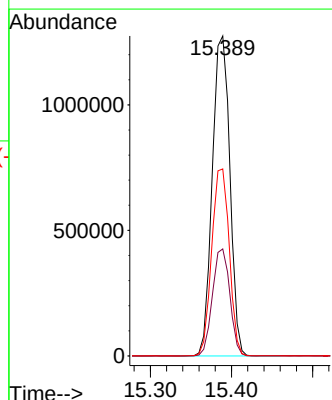
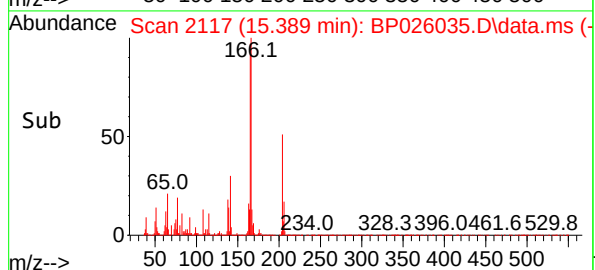
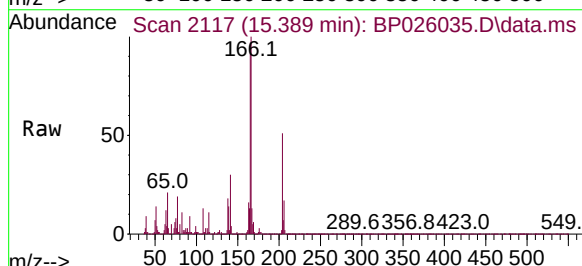
Manual Integrations
APPROVED

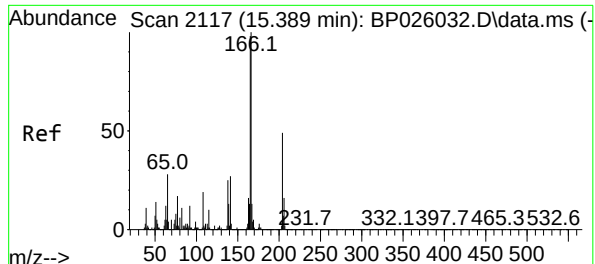
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#61
4-Chlorophenyl-phenylether
Concen: 73.822 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

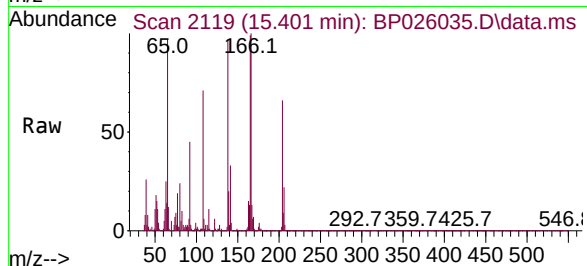
Tgt Ion:204 Resp: 1914592
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 58.4 47.0 70.4





#62
4-Nitroaniline
Concen: 87.229 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

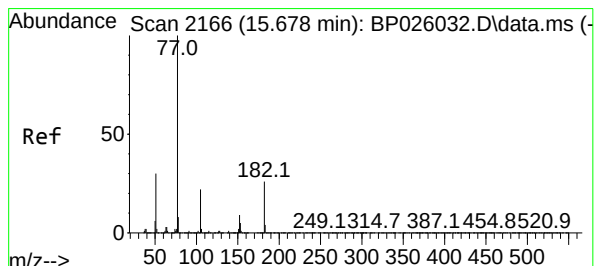
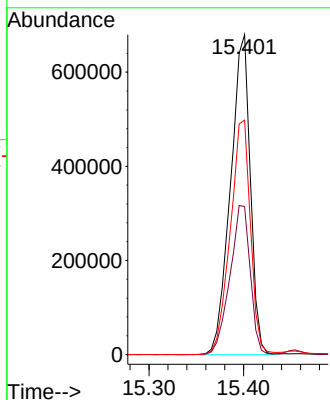
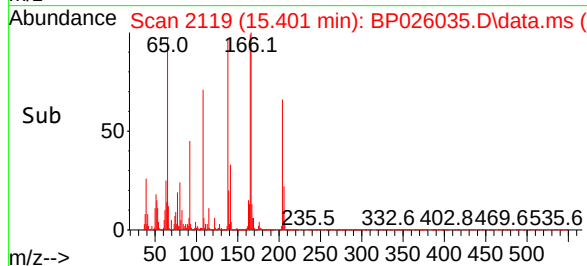
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 138 Resp: 986852
Ion Ratio Lower Upper
138 100
92 46.3 28.2 68.2
108 73.3 56.0 96.0

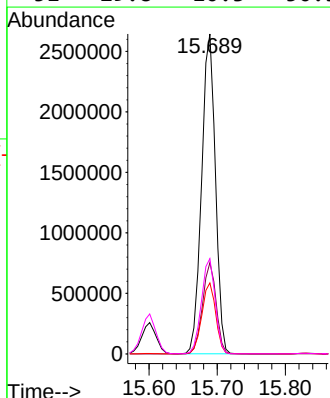
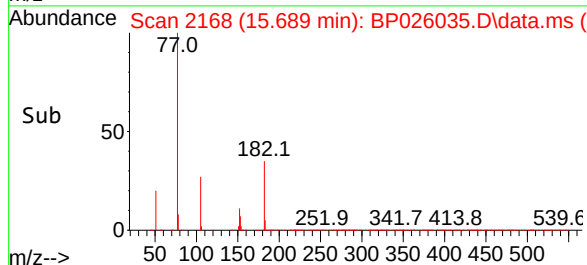
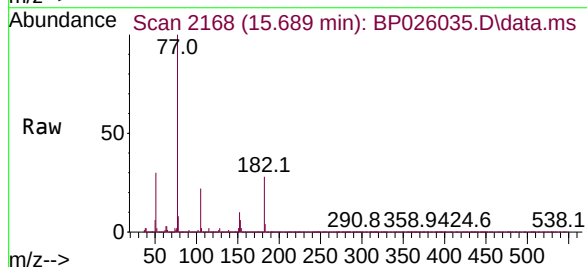
Manual Integrations
APPROVED

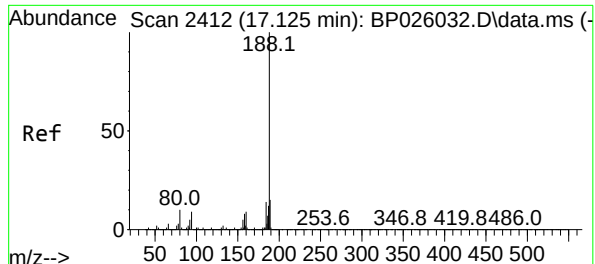
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#63
Azobenzene
Concen: 77.187 ng
RT: 15.689 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

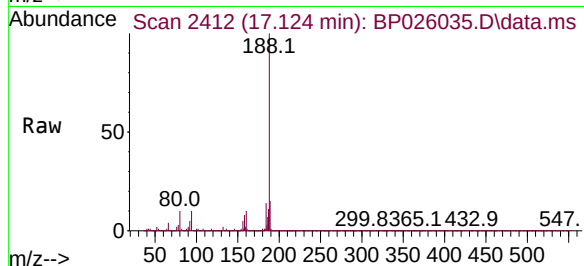
Tgt Ion: 77 Resp: 3723361
Ion Ratio Lower Upper
77 100
182 28.5 6.4 46.4
105 22.2 2.2 42.2
51 29.8 10.3 50.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.124 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

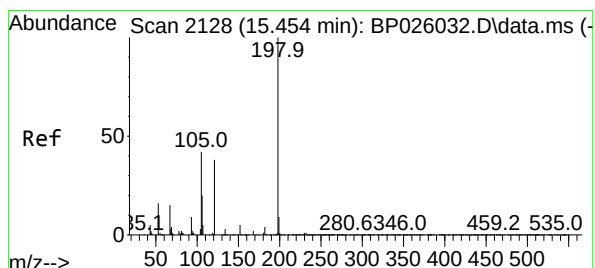
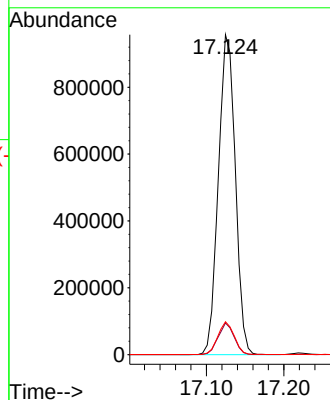
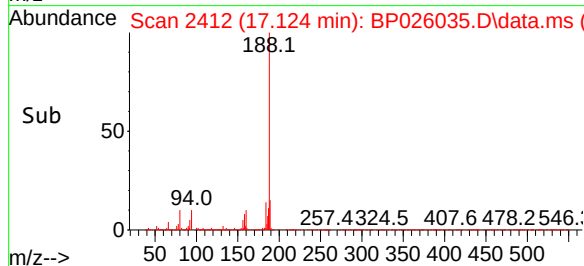
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:188 Resp: 1454350
Ion Ratio Lower Upper
188 100
94 9.9 7.1 10.7
80 10.3 7.9 11.9

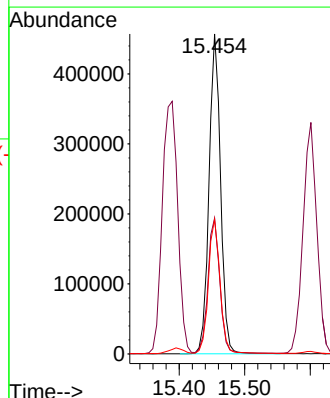
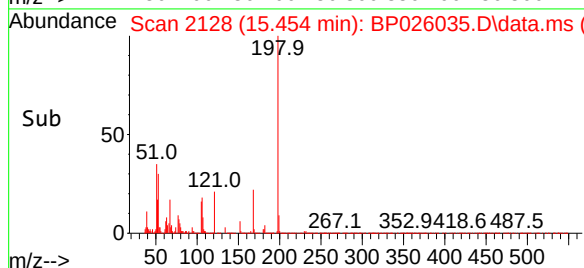
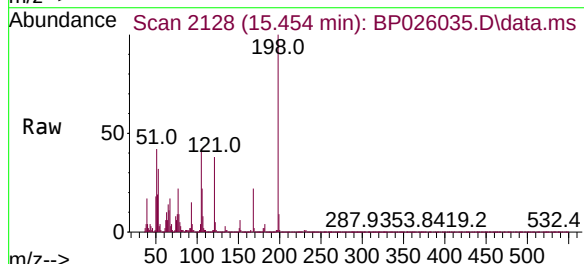
Manual Integrations
APPROVED

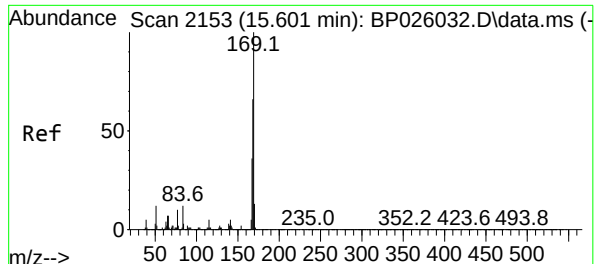
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#65
4,6-Dinitro-2-methylphenol
Concen: 78.914 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

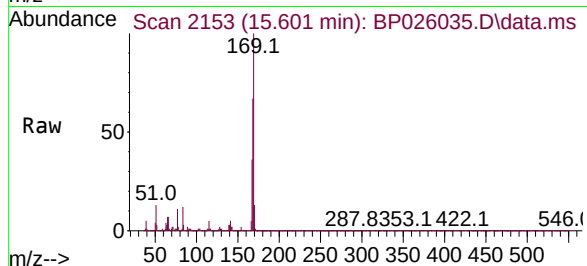
Tgt Ion:198 Resp: 556384
Ion Ratio Lower Upper
198 100
51 42.4 25.2 65.2
105 42.1 23.7 63.7





#66
n-Nitrosodiphenylamine
Concen: 78.206 ng
RT: 15.601 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

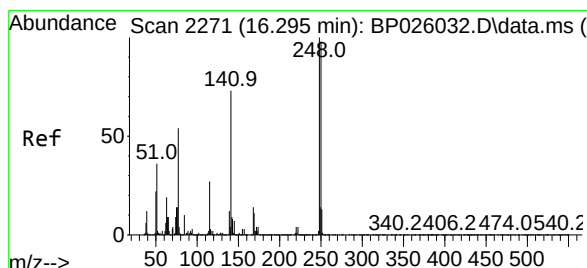
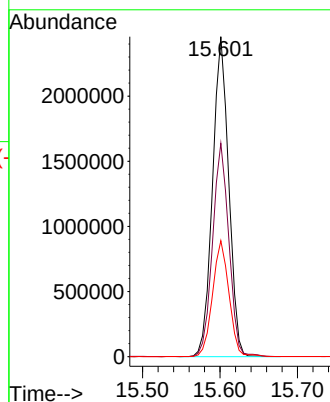
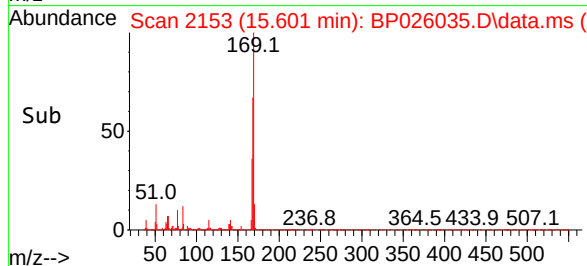
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



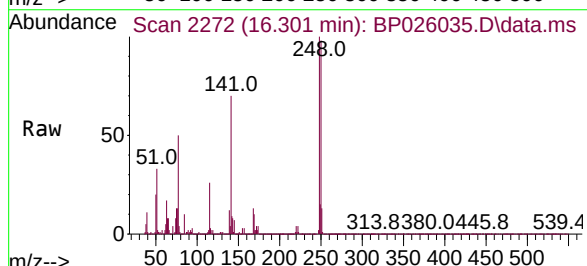
Tgt Ion:169 Resp: 3556221
Ion Ratio Lower Upper
169 100
168 66.7 52.9 79.3
167 36.2 28.9 43.3

Manual Integrations
APPROVED

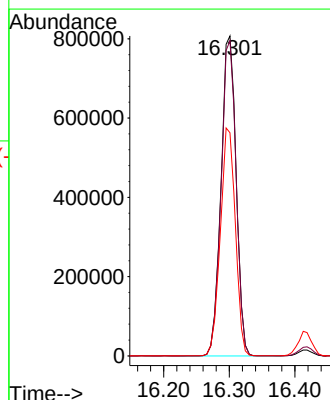
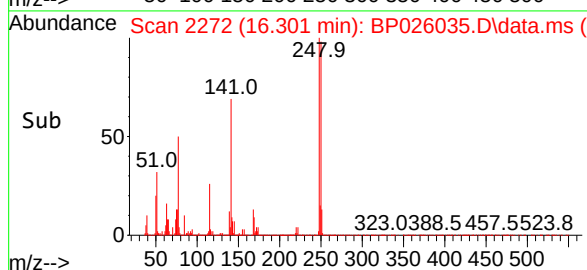
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

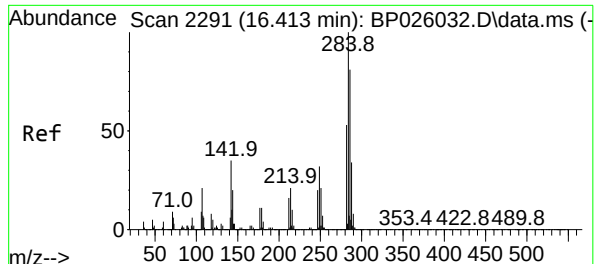


#67
4-Bromophenyl-phenylether
Concen: 80.020 ng
RT: 16.301 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13



Tgt Ion:248 Resp: 1290917
Ion Ratio Lower Upper
248 100
250 98.5 78.4 117.6
141 69.7 58.3 87.5





#68

Hexachlorobenzene

Concen: 78.359 ng

RT: 16.419 min Scan# 2291

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:284 Resp: 1439069

Ion Ratio Lower Upper

284 100

142 34.9 27.7 41.5

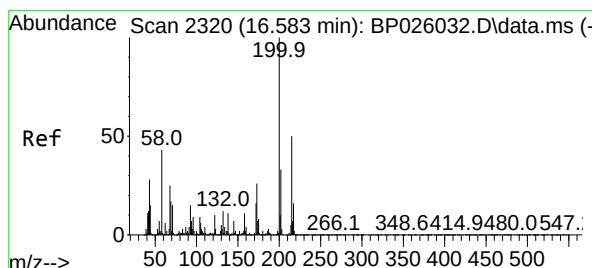
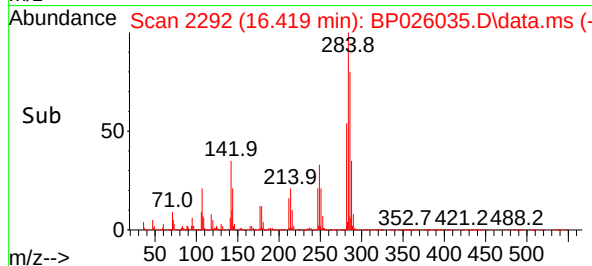
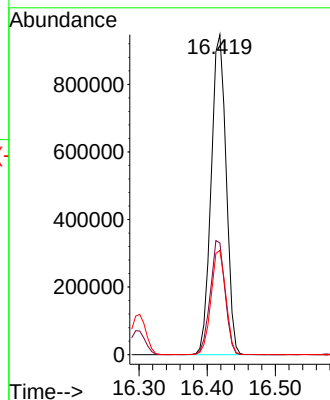
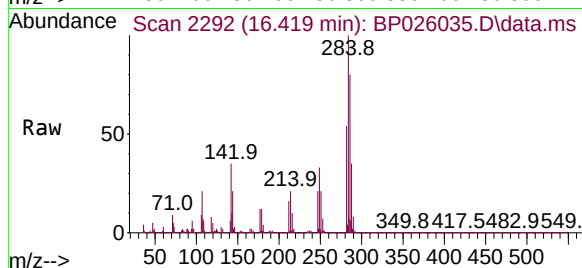
249 32.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#69

Atrazine

Concen: 81.924 ng

RT: 16.583 min Scan# 2320

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

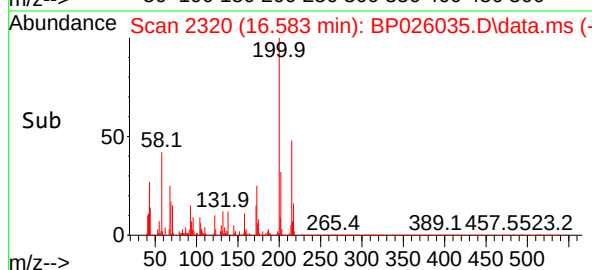
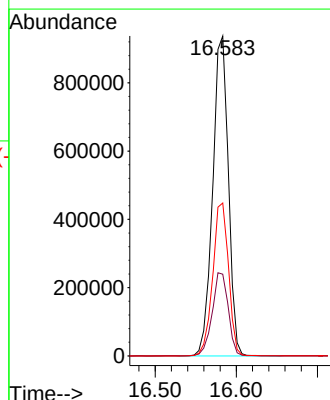
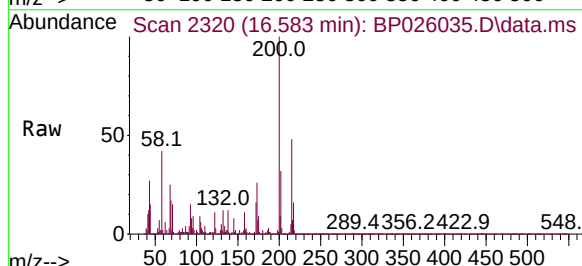
Tgt Ion:200 Resp: 1256682

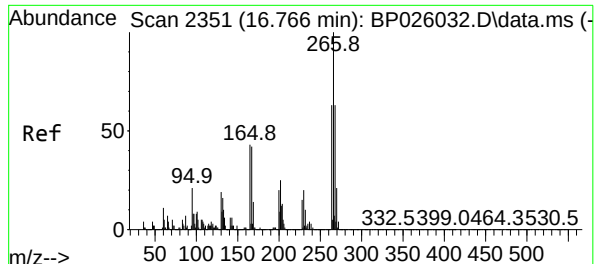
Ion Ratio Lower Upper

200 100

173 25.5 6.2 46.2

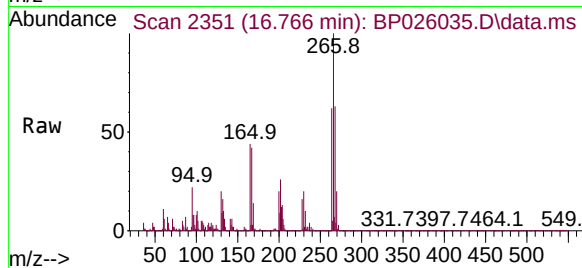
215 47.8 29.8 69.8





#70
Pentachlorophenol
Concen: 88.261 ng
RT: 16.766 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

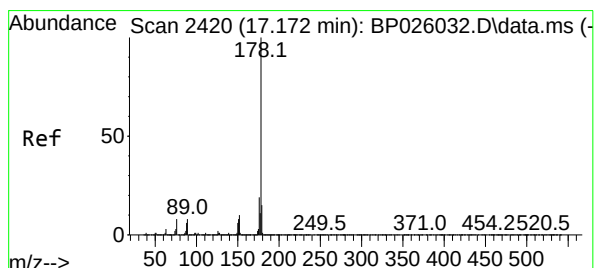
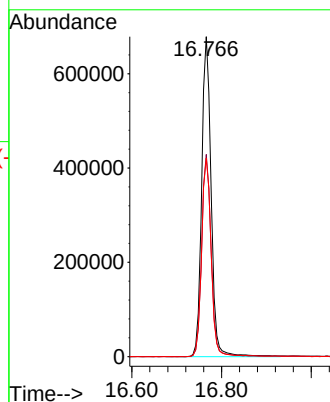
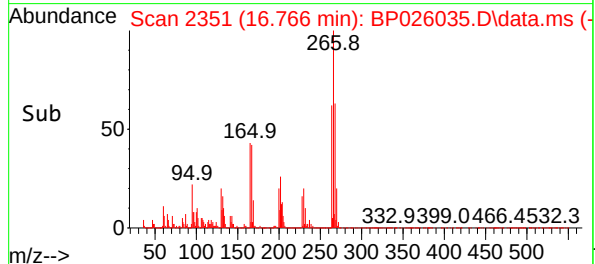
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:266 Resp: 990090
Ion Ratio Lower Upper
266 100
268 63.2 50.6 76.0
264 62.1 50.2 75.4

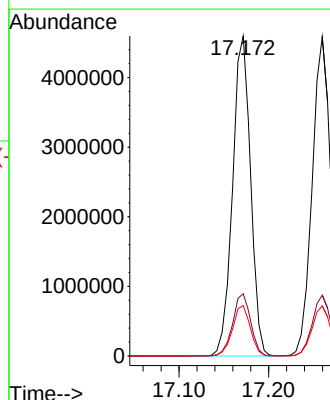
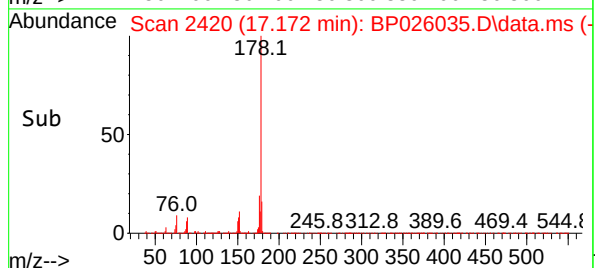
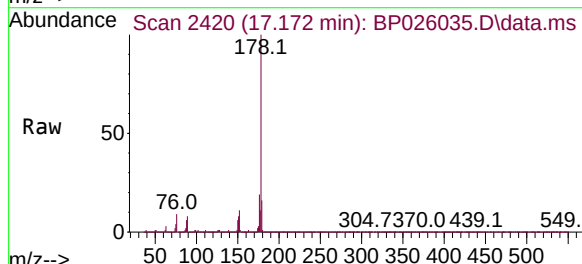
Manual Integrations
APPROVED

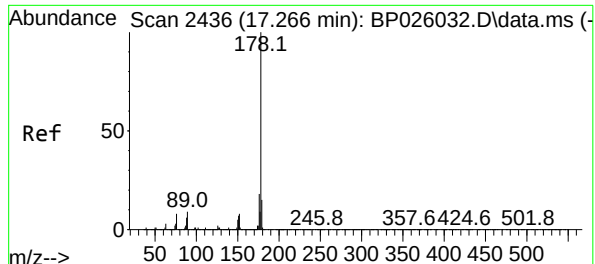
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#71
Phenanthrene
Concen: 75.907 ng
RT: 17.172 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

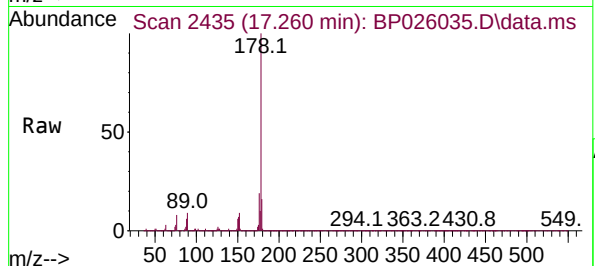
Tgt Ion:178 Resp: 6425576
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.7 12.3 18.5





#72
Anthracene
Concen: 77.318 ng
RT: 17.260 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

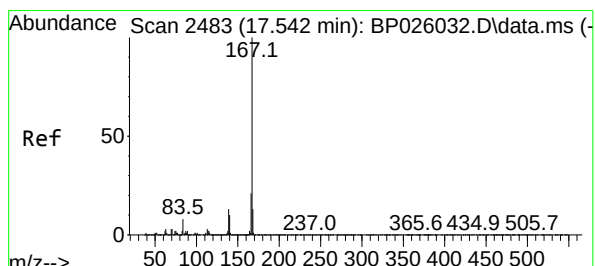
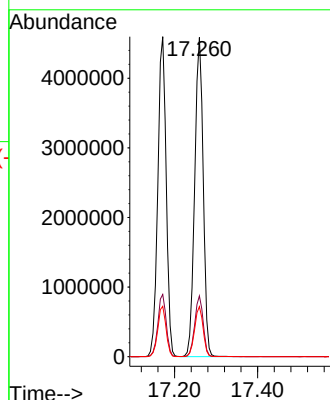
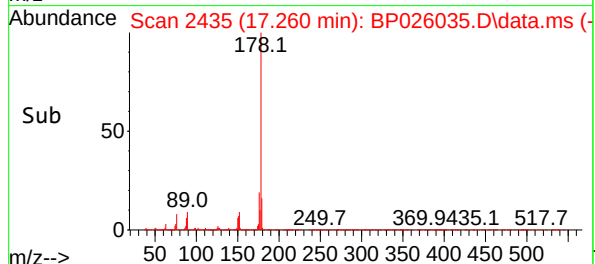
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 6487799
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.7 12.2 18.4

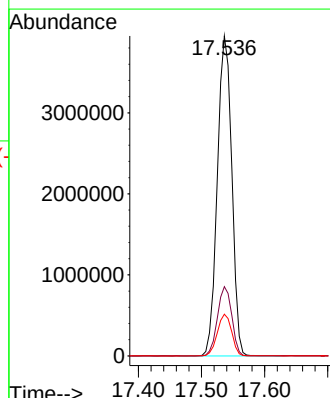
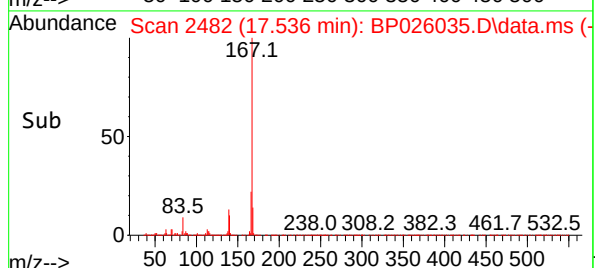
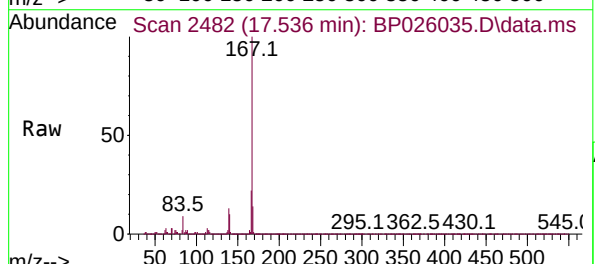
Manual Integrations
APPROVED

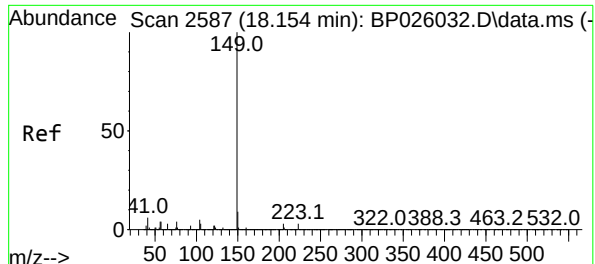
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#73
Carbazole
Concen: 78.943 ng
RT: 17.536 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

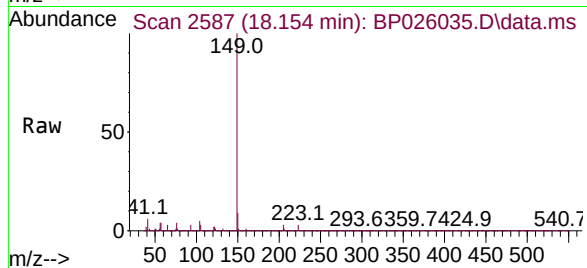
Tgt Ion:167 Resp: 6270446
Ion Ratio Lower Upper
167 100
166 21.6 17.1 25.7
139 13.0 10.2 15.2





#74
Di-n-butylphthalate
Concen: 81.950 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

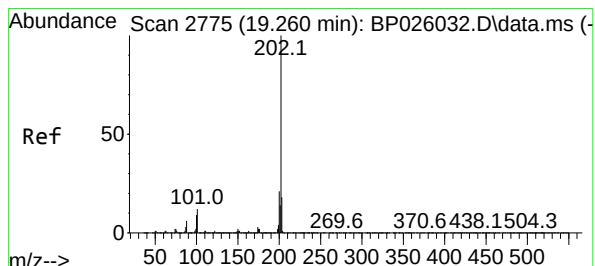
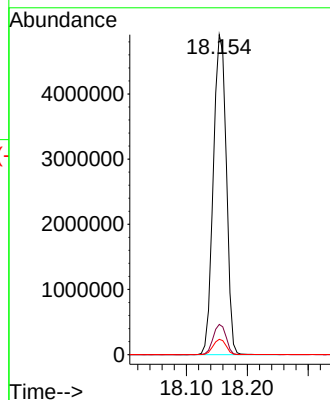
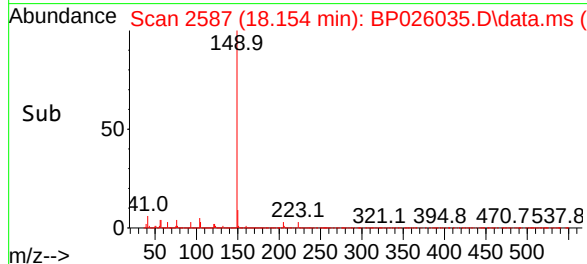
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 7283617
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 4.8 3.8 5.6

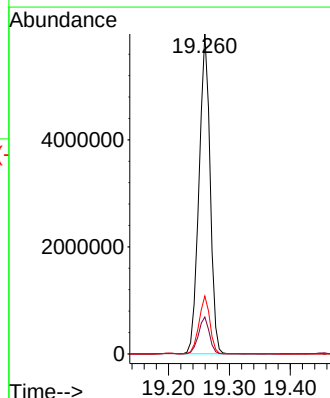
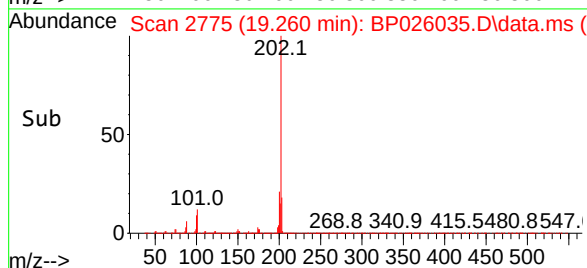
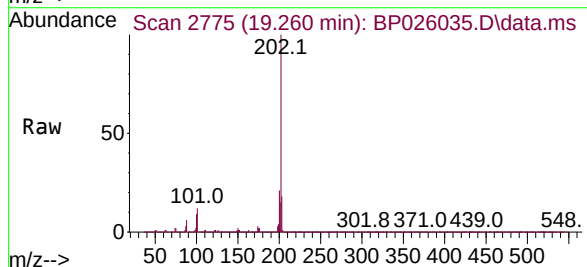
Manual Integrations
APPROVED

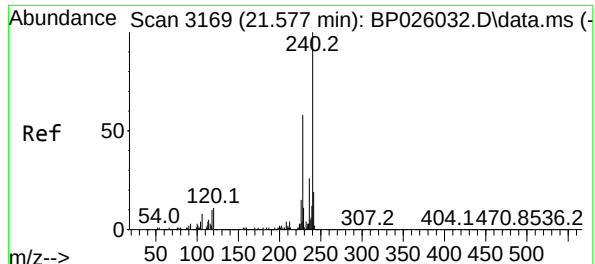
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#75
Fluoranthene
Concen: 76.268 ng
RT: 19.260 min Scan# 2775
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

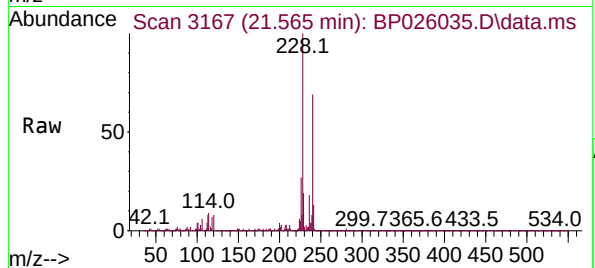
Tgt Ion:202 Resp: 7531112
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.1
203 18.1 0.0 37.6





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.565 min Scan# 3169
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

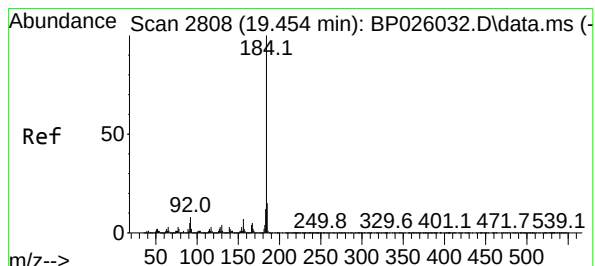
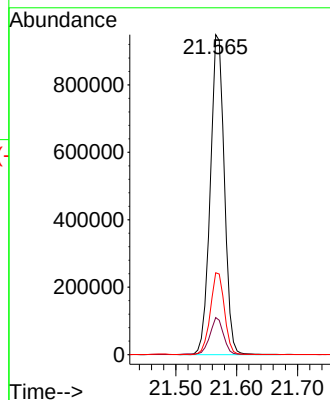
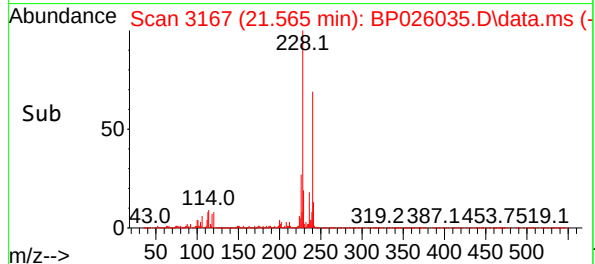
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:240 Resp: 1518010
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.6 20.6 31.0

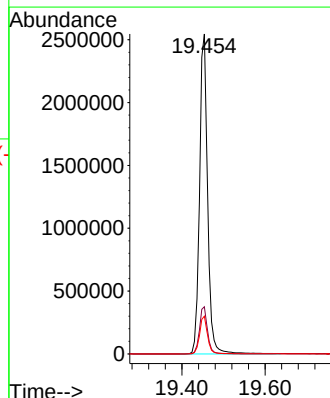
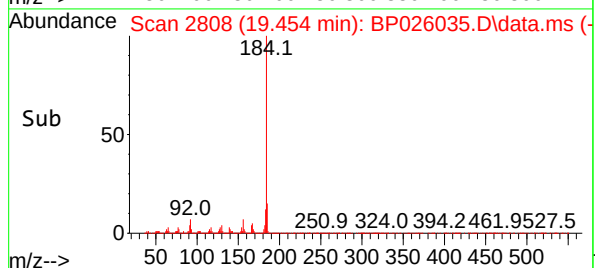
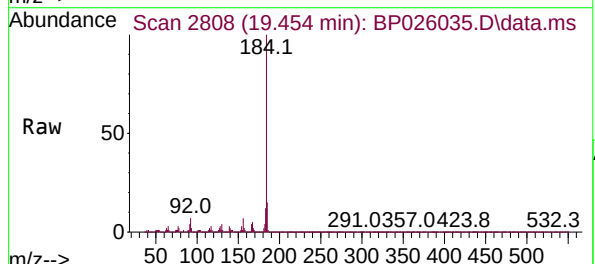
Manual Integrations
APPROVED

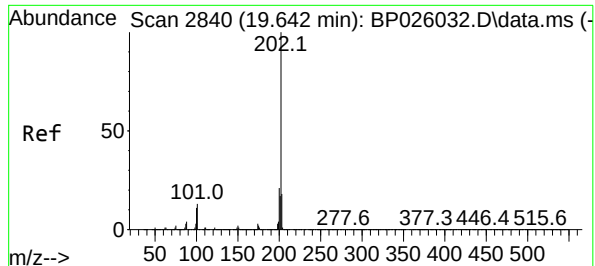
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#77
Benzidine
Concen: 88.260 ng
RT: 19.454 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

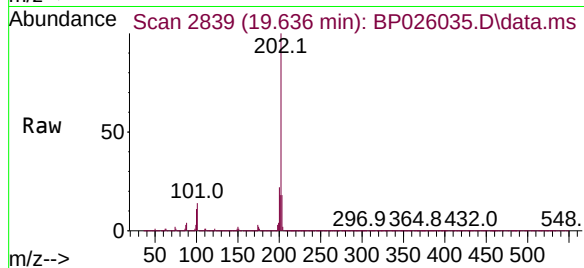
Tgt Ion:184 Resp: 3400762
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 11.8 9.2 13.8





#78
Pyrene
Concen: 77.487 ng
RT: 19.636 min Scan# 2839
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

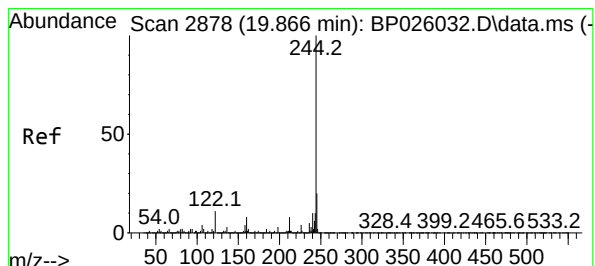
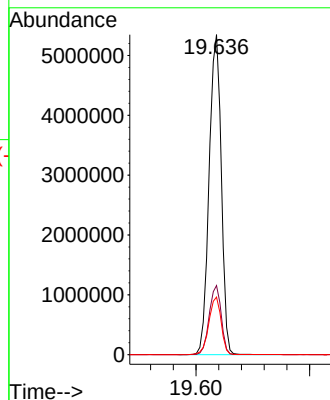
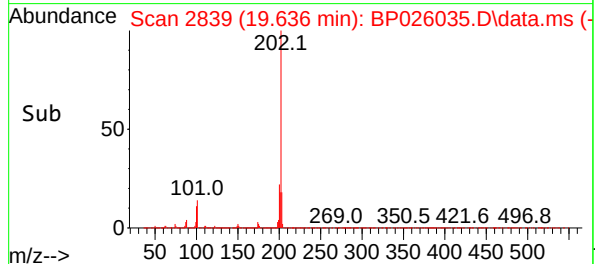
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 7955581
Ion Ratio Lower Upper
202 100
200 21.6 16.6 25.0
203 18.0 14.0 21.0

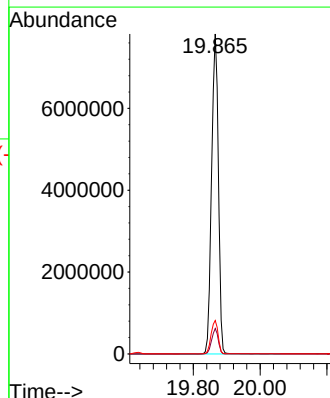
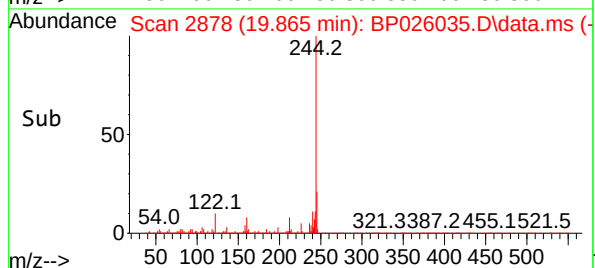
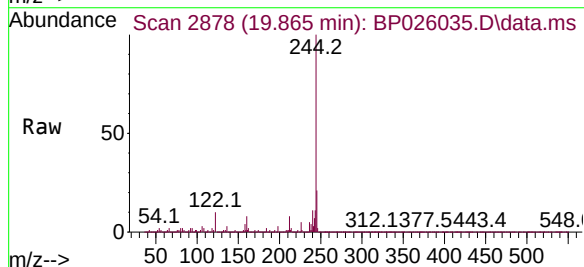
Manual Integrations
APPROVED

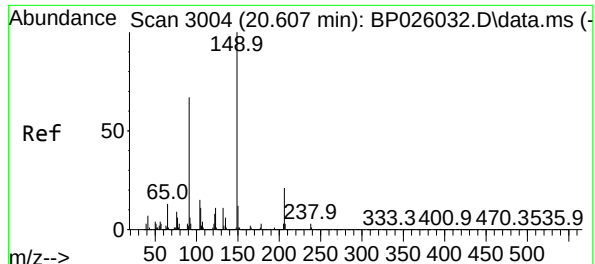
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#79
Terphenyl-d14
Concen: 147.627 ng
RT: 19.865 min Scan# 2878
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:244 Resp:11030199
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 10.4 9.0 13.6





#80

Butylbenzylphthalate

Concen: 80.010 ng

RT: 20.607 min Scan# 3004

Delta R.T. -0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 3160394

Ion Ratio Lower Upper

149 100

91 66.1 53.5 80.3

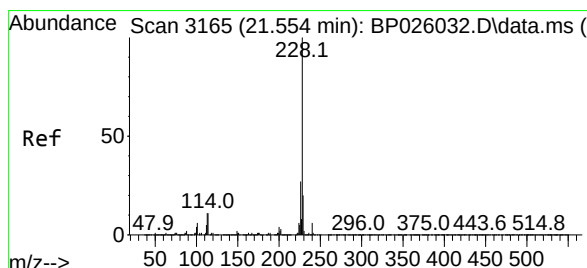
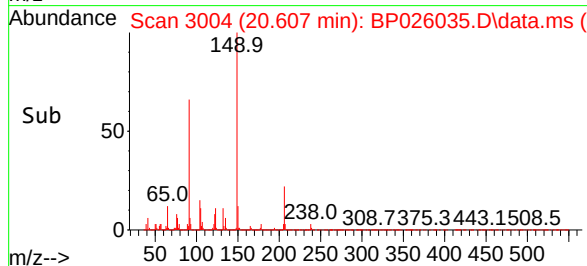
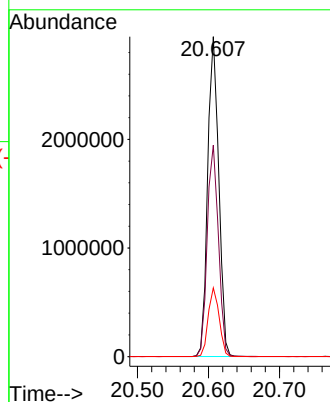
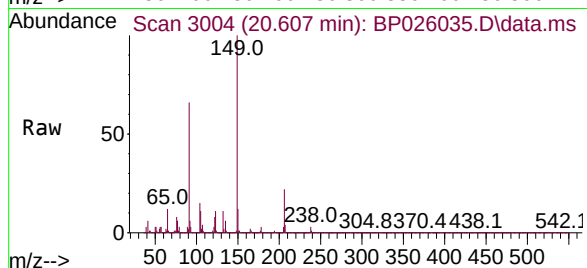
206 21.5 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#81

Benzo(a)anthracene

Concen: 78.602 ng

RT: 21.548 min Scan# 3164

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

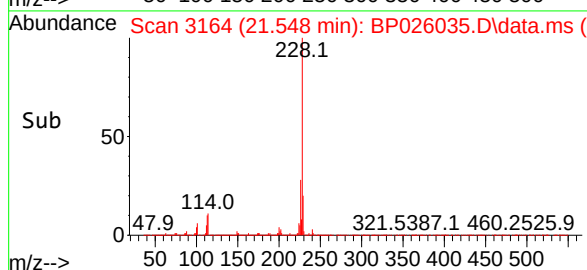
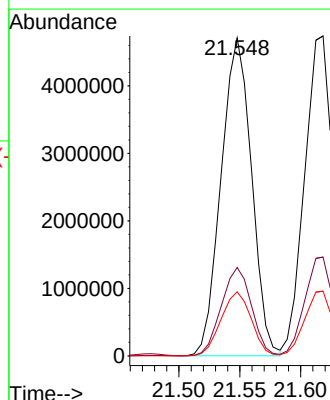
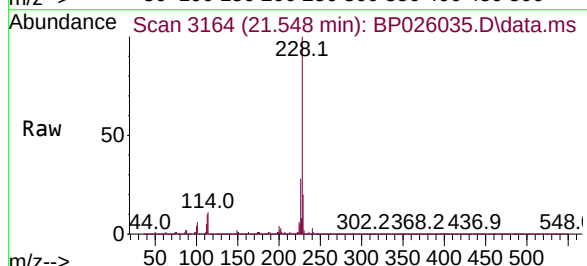
Tgt Ion:228 Resp: 8199298

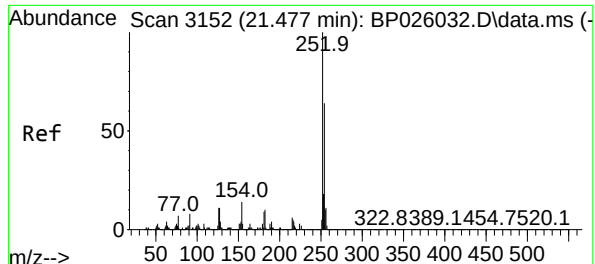
Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

229 20.1 15.8 23.8





#82

3,3'-Dichlorobenzidine

Concen: 84.414 ng

RT: 21.477 min Scan# 3152

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 2837103

Ion Ratio Lower Upper

252 100

254 64.3 51.3 76.9

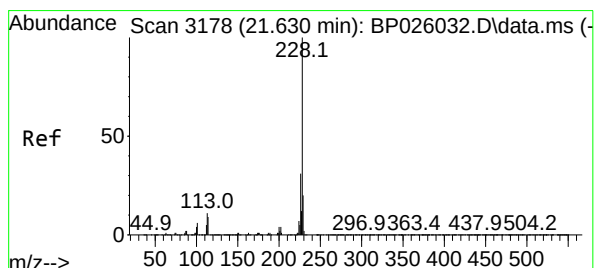
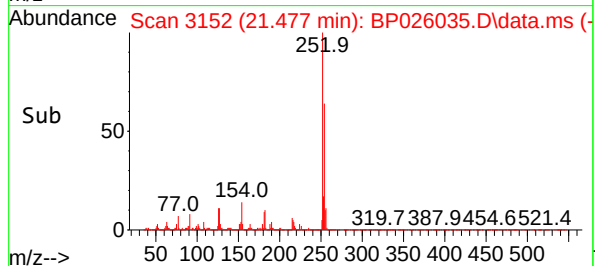
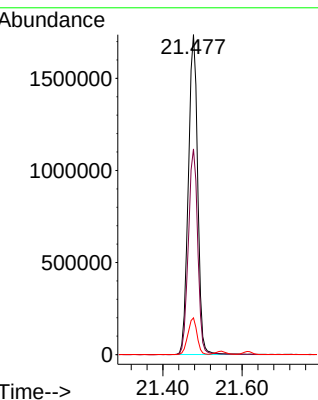
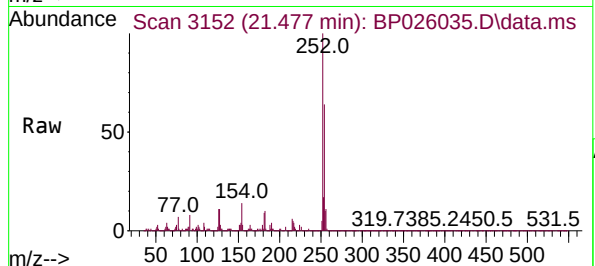
126 11.5 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#83

Chrysene

Concen: 77.890 ng

RT: 21.618 min Scan# 3176

Delta R.T. 0.000 min

Lab File: BP026035.D

Acq: 29 Oct 2025 14:13

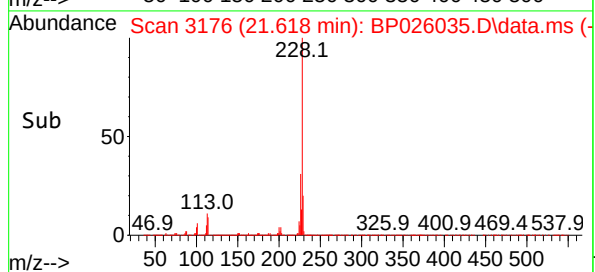
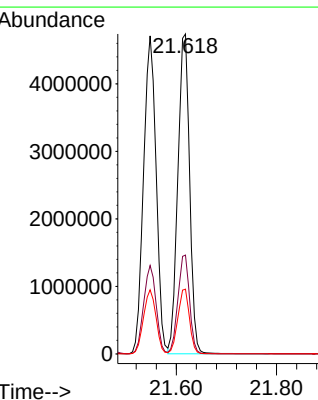
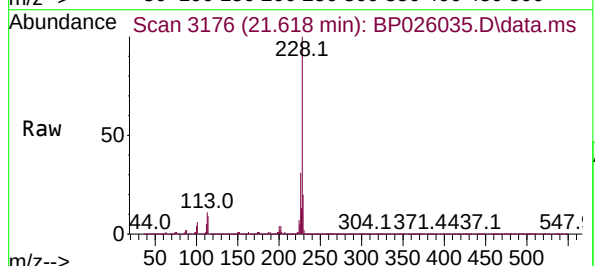
Tgt Ion:228 Resp: 7696535

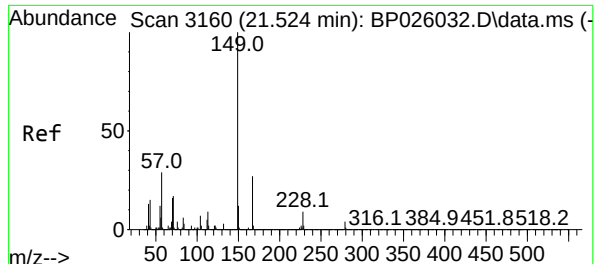
Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 20.2 16.0 24.0





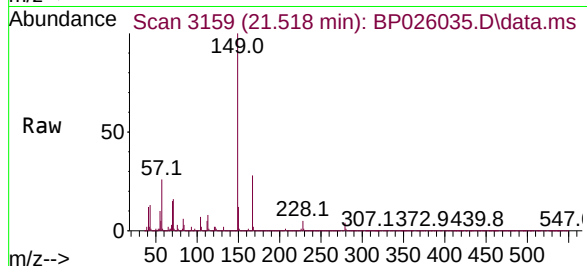
#84
Bis(2-ethylhexyl)phthalate
Concen: 77.525 ng
RT: 21.518 min Scan# 3160
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

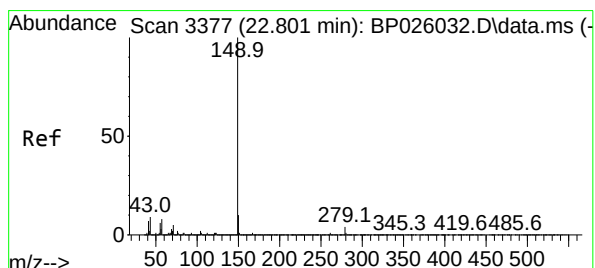
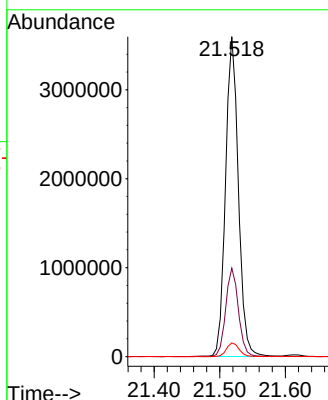
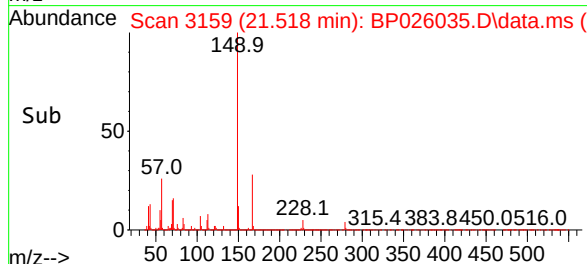


Tgt Ion:149 Resp: 4903538
Ion Ratio Lower Upper
149 100
167 27.6 21.5 32.3
279 4.3 3.0 4.6

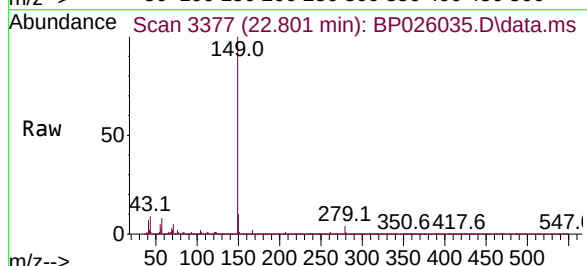
Manual Integrations

APPROVED

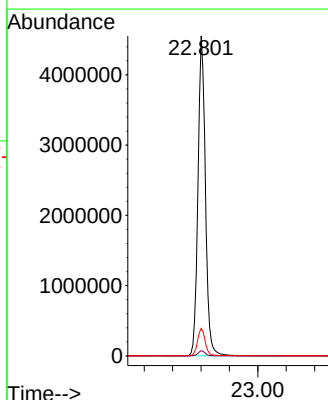
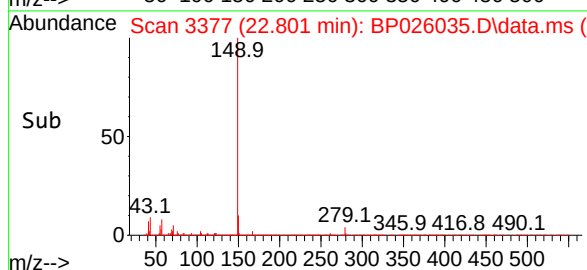
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

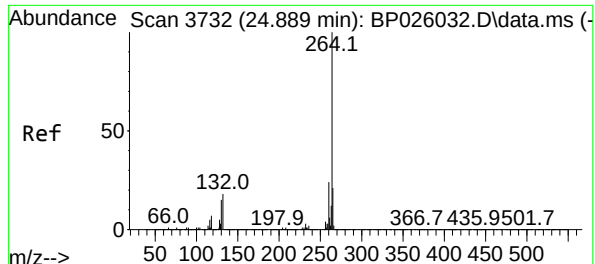


#85
Di-n-octyl phthalate
Concen: 91.682 ng
RT: 22.801 min Scan# 3377
Delta R.T. -0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13



Tgt Ion:149 Resp: 8284794
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.0 7.6 11.4





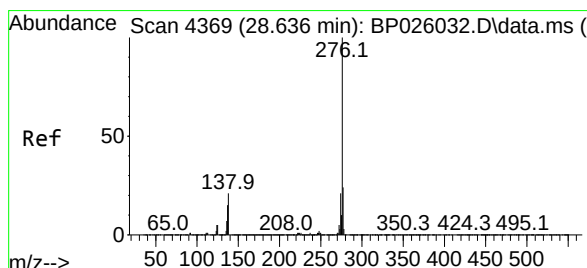
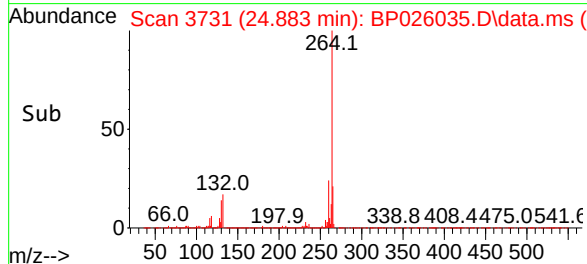
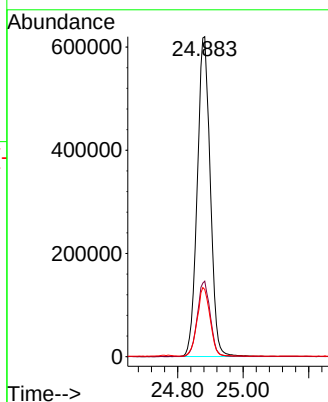
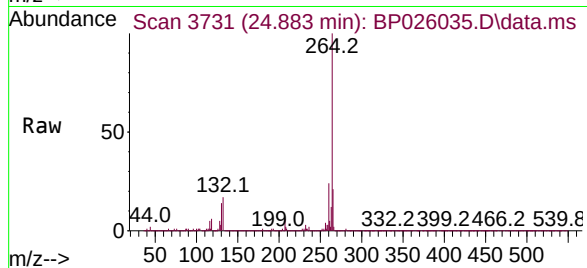
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.883 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:264 Resp: 1693006
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.0 17.2 25.8

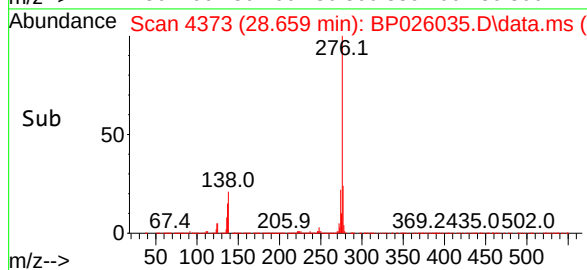
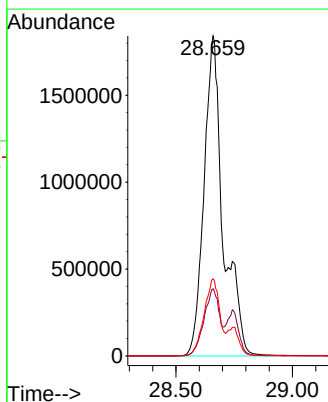
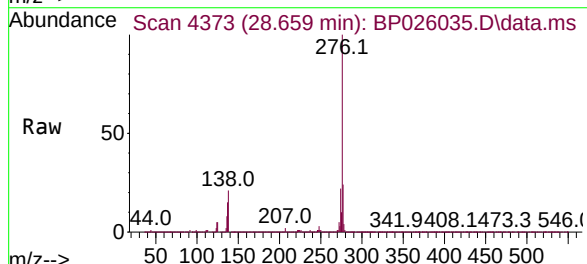
Manual Integrations
APPROVED

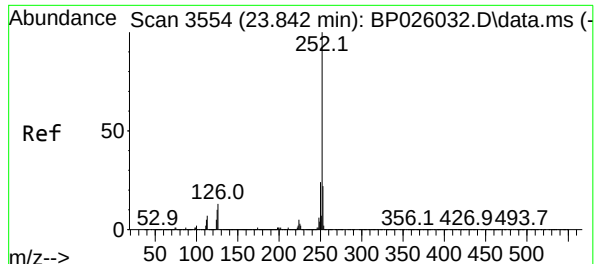
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 84.304 ng m
RT: 28.659 min Scan# 4373
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

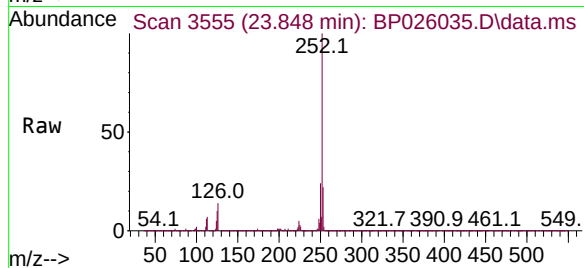
Tgt Ion:276 Resp:10532958
Ion Ratio Lower Upper
276 100
138 17.3 13.2 19.8
277 19.7 16.3 24.5





#88
Benzo(b)fluoranthene
Concen: 81.284 ng
RT: 23.848 min Scan# 3554
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

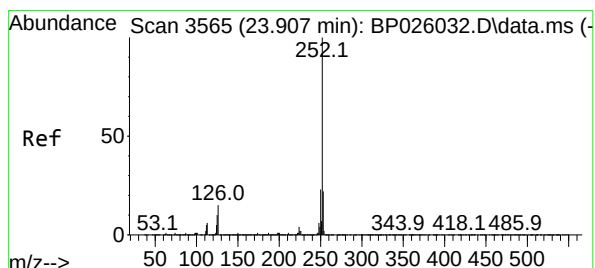
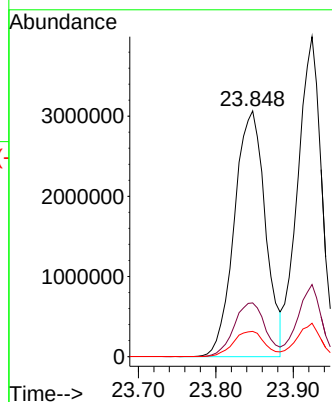
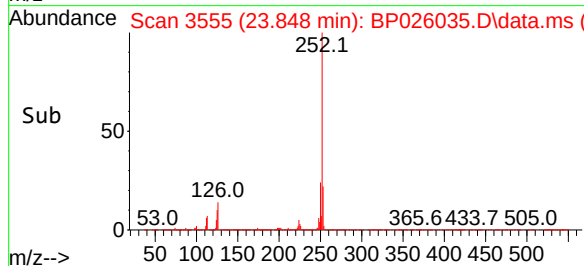
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:252 Resp: 8542978
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.3 8.1 12.1

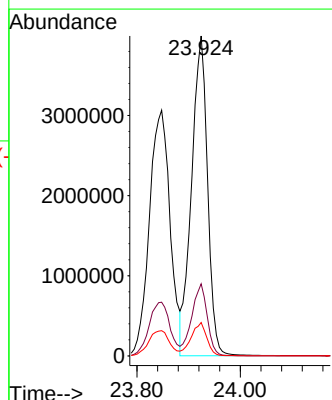
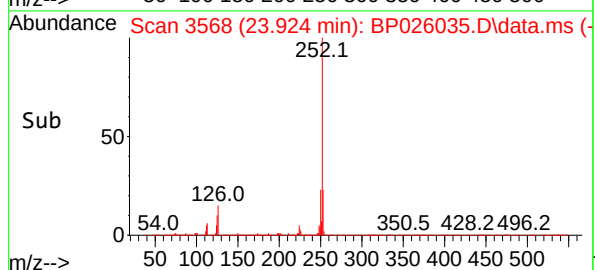
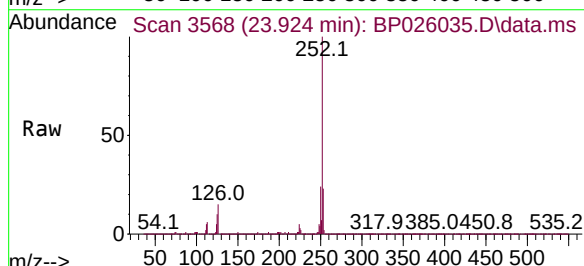
Manual Integrations
APPROVED

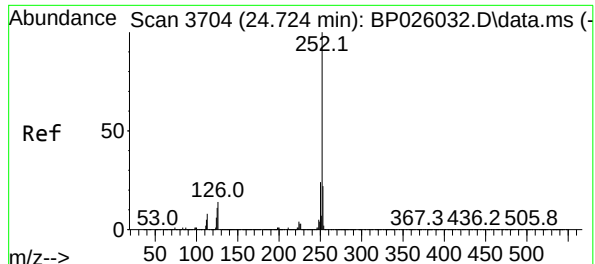
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#89
Benzo(k)fluoranthene
Concen: 79.943 ng
RT: 23.924 min Scan# 3568
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

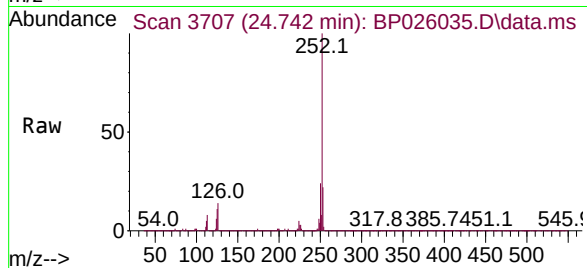
Tgt Ion:252 Resp: 8579950
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.4 8.1 12.1





#90
Benzo(a)pyrene
Concen: 83.215 ng
RT: 24.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

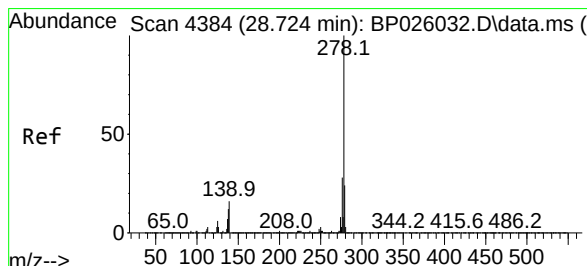
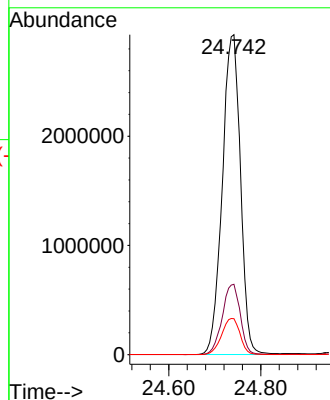
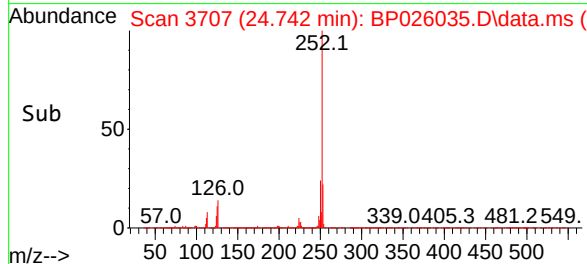
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:252 Resp: 8034864
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 11.2 9.1 13.7

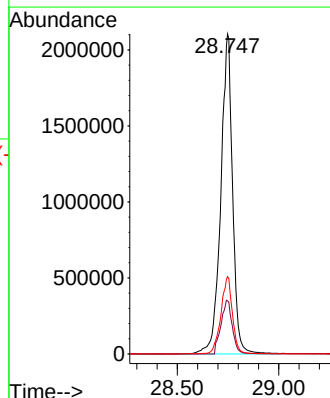
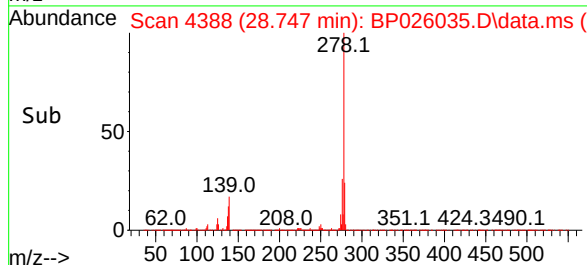
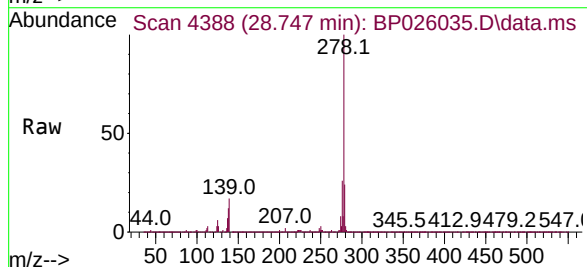
Manual Integrations
APPROVED

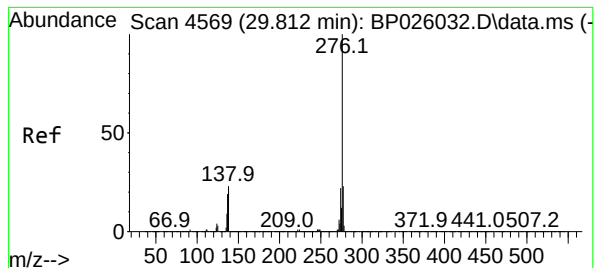
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#91
Dibenzo(a,h)anthracene
Concen: 83.540 ng
RT: 28.747 min Scan# 4388
Delta R.T. 0.000 min
Lab File: BP026035.D
Acq: 29 Oct 2025 14:13

Tgt Ion:278 Resp: 8497246
Ion Ratio Lower Upper
278 100
139 16.6 13.0 19.6
279 24.2 18.9 28.3





#92

Benzo(g,h,i)perylene

Concen: 83.299 ng

RT: 29.830 min Scan# 4572

Delta R.T. 0.000 min

Lab File: BP026035.D

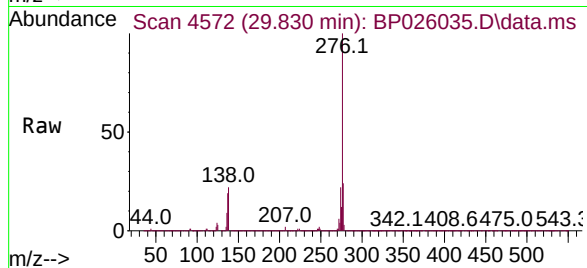
Acq: 29 Oct 2025 14:13

Instrument :

BNA_P

ClientSampleId :

SSTDICC080



Tgt Ion: 276 Resp: 8153149

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

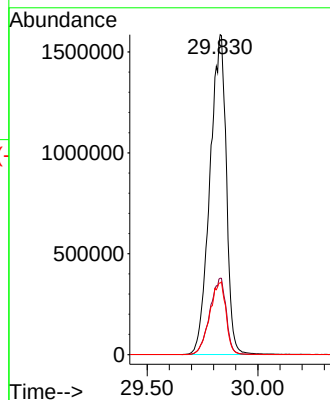
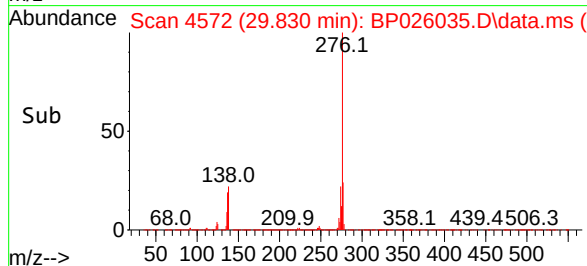
138 22.4 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026036.D
 Acq On : 29 Oct 2025 16:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP102925

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 30 11:55:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.637	152	281938	20.000	ng	-0.05
21) Naphthalene-d8	10.413	136	1165829	20.000	ng	-0.04
39) Acenaphthene-d10	14.313	164	734180	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1529844	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1603754	20.000	ng	0.01
86) Perylene-d12	24.901	264	1688986	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.249	112	1169189	68.429	ng	-0.05
7) Phenol-d6	6.807	99	1480783	68.090	ng	-0.05
23) Nitrobenzene-d5	8.784	82	1283881	68.652	ng	-0.04
42) 2,4,6-Tribromophenol	15.830	330	577899	72.809	ng	0.00
45) 2-Fluorobiphenyl	12.913	172	3425177	67.037	ng	-0.02
79) Terphenyl-d14	19.871	244	5329468	67.515	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.214	88	239880	33.303	ng	100
3) Pyridine	3.590	79	668959	32.670	ng	99
4) n-Nitrosodimethylamine	3.508	42	288399	35.142	ng	97
6) Aniline	6.972	93	1040197	35.839	ng	100
8) 2-Chlorophenol	7.202	128	654572	34.596	ng	97
9) Benzaldehyde	6.784	77	520334m	46.027	ng	
10) Phenol	6.831	94	816366	33.813	ng	99
11) bis(2-Chloroethyl)ether	7.066	93	645531	33.880	ng	99
12) 1,3-Dichlorobenzene	7.531	146	750462	34.538	ng	99
13) 1,4-Dichlorobenzene	7.678	146	771097	35.099	ng	98
14) 1,2-Dichlorobenzene	7.990	146	735657	35.092	ng	99
15) Benzyl Alcohol	7.866	79	551625	35.185	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.172	45	965445	33.526	ng	98
17) 2-Methylphenol	8.078	107	553305	34.998	ng	99
18) Hexachloroethane	8.713	117	259803	34.560	ng	100
19) n-Nitroso-di-n-propyla...	8.443	70	490575	36.340	ng	98
20) 3+4-Methylphenols	8.396	107	753178	34.245	ng	98
22) Acetophenone	8.449	105	1054241	35.756	ng	# 98
24) Nitrobenzene	8.825	77	687636	34.825	ng	98
25) Isophorone	9.343	82	1403746	35.069	ng	100
26) 2-Nitrophenol	9.525	139	257308	36.106	ng	97
27) 2,4-Dimethylphenol	9.584	122	632451	37.573	ng	99
28) bis(2-Chloroethoxy)met...	9.837	93	869155	34.454	ng	99
29) 2,4-Dichlorophenol	10.060	162	614929	34.599	ng	99
30) 1,2,4-Trichlorobenzene	10.278	180	684636	35.441	ng	97
31) Naphthalene	10.466	128	2154430	33.888	ng	100
32) Benzoic acid	9.690	122	351760	37.646	ng	98
33) 4-Chloroaniline	10.566	127	949777	38.877	ng	99
34) Hexachlorobutadiene	10.760	225	415865	33.876	ng	99
35) Caprolactam	11.319	113	217407	34.833	ng	96
36) 4-Chloro-3-methylphenol	11.695	107	646328	34.690	ng	98
37) 2-Methylnaphthalene	12.084	142	1378858	30.988	ng	99
38) 1-Methylnaphthalene	12.319	142	1423665	32.934	ng	100
40) 1,2,4,5-Tetrachloroben...	12.460	216	786568	34.481	ng	100
41) Hexachlorocyclopentadiene	12.448	237	393924	47.197	ng	99
43) 2,4,6-Trichlorophenol	12.701	196	489212	36.282	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026036.D
 Acq On : 29 Oct 2025 16:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP102925

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 30 11:55:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	543516	35.326	ng	96
46) 1,1'-Biphenyl	13.113	154	1971667	35.073	ng	100
47) 2-Chloronaphthalene	13.154	162	1471874	33.277	ng	98
48) 2-Nitroaniline	13.354	65	374554	33.821	ng	99
49) Acenaphthylene	14.031	152	2509218	38.923	ng	100
50) Dimethylphthalate	13.760	163	1875076	35.112	ng	100
51) 2,6-Dinitrotoluene	13.866	165	367251	37.528	ng	96
52) Acenaphthene	14.378	154	1458746	32.961	ng	99
53) 3-Nitroaniline	14.195	138	425192	36.037	ng	97
54) 2,4-Dinitrophenol	14.413	184	126516	36.040	ng	97
55) Dibenzofuran	14.719	168	2269310	33.938	ng	99
56) 4-Nitrophenol	14.507	139	348249	32.703	ng	97
57) 2,4-Dinitrotoluene	14.678	165	499801	35.013	ng	100
58) Fluorene	15.378	166	1851395	35.342	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.942	232	474164	39.197	ng	99
60) Diethylphthalate	15.166	149	1879900	35.015	ng	99
61) 4-Chlorophenyl-phenyle...	15.389	204	887559	33.928	ng	99
62) 4-Nitroaniline	15.395	138	432391	37.891	ng	98
63) Azobenzene	15.689	77	1705483	35.051	ng	99
65) 4,6-Dinitro-2-methylph...	15.454	198	200079	35.409	ng	93
66) n-Nitrosodiphenylamine	15.601	169	1610105	33.661	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	556621	32.800	ng	98
68) Hexachlorobenzene	16.419	284	633716	32.804	ng	99
69) Atrazine	16.583	200	598775	37.108	ng	97
70) Pentachlorophenol	16.760	266	397848	33.716	ng	99
71) Phenanthrene	17.166	178	2914044	32.726	ng	100
72) Anthracene	17.260	178	2948850	33.409	ng	100
73) Carbazole	17.536	167	2792407	33.421	ng	100
74) Di-n-butylphthalate	18.154	149	3284045	35.126	ng	100
75) Fluoranthene	19.266	202	3440878	33.126	ng	99
77) Benzidine	19.454	184	1960099	48.151	ng	100
78) Pyrene	19.642	202	3569948	32.912	ng	99
80) Butylbenzylphthalate	20.613	149	1317625	33.630	ng	98
81) Benzo(a)anthracene	21.560	228	3642485	33.052	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	1322765	37.253	ng	100
83) Chrysene	21.624	228	3395520	32.526	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	2128720	33.750	ng	99
85) Di-n-octyl phthalate	22.818	149	3214231	33.668	ng	99
87) Indeno(1,2,3-cd)pyrene	28.671	276	4151592m	33.295	ng	
88) Benzo(b)fluoranthene	23.848	252	3575209	34.098	ng	99
89) Benzo(k)fluoranthene	23.930	252	3681173	34.381	ng	100
90) Benzo(a)pyrene	24.742	252	3373695	35.024	ng	99
91) Dibenzo(a,h)anthracene	28.765	278	3437827	33.879	ng	99
92) Benzo(g,h,i)perylene	29.836	276	3306526	33.862	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

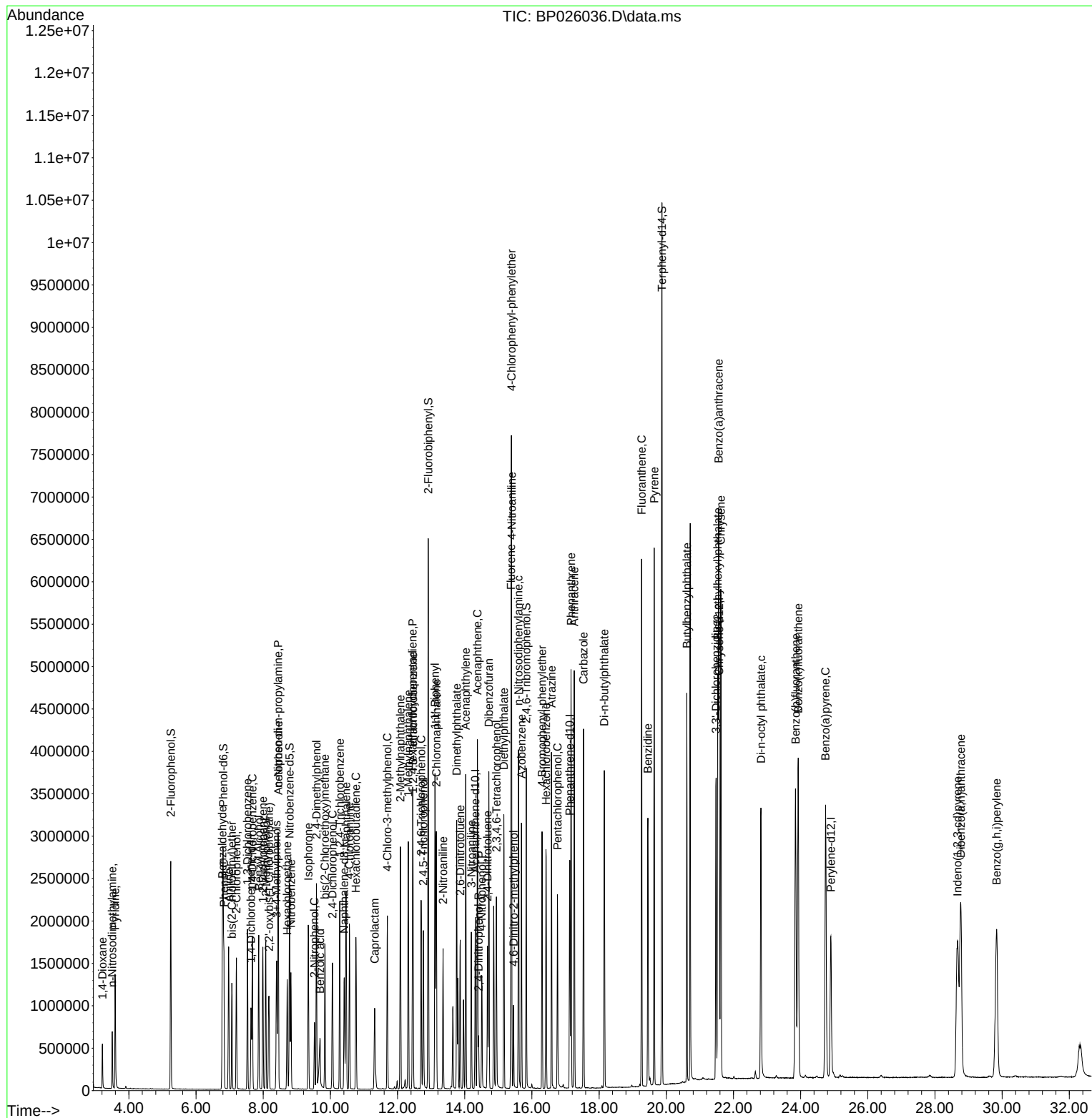
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\  
Data File : BP026036.D  
Acq On    : 29 Oct 2025 16:09  
Operator   : RC/JU  
Sample     : SSTDICV040  
Misc       :  
ALS Vial   : 10    Sample Multiplier: 1
```

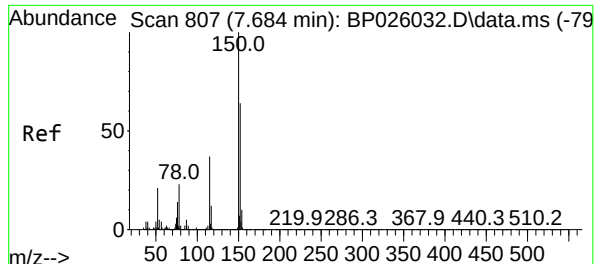
Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration





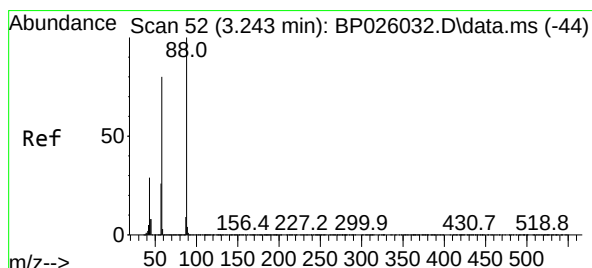
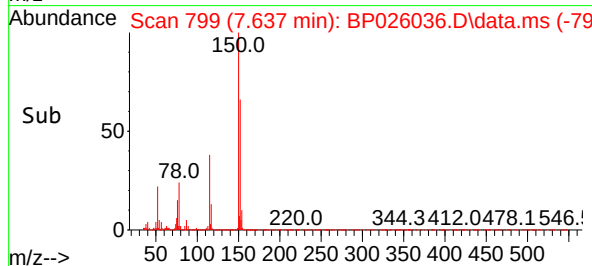
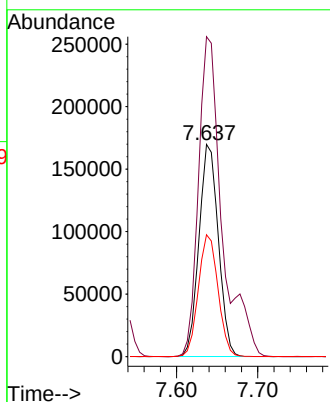
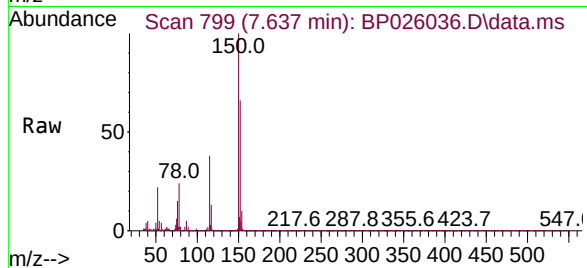
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.637 min Scan# 79
Delta R.T. -0.053 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion:152 Resp: 281938
Ion Ratio Lower Upper
152 100
150 150.8 125.7 188.5
115 57.4 46.4 69.6

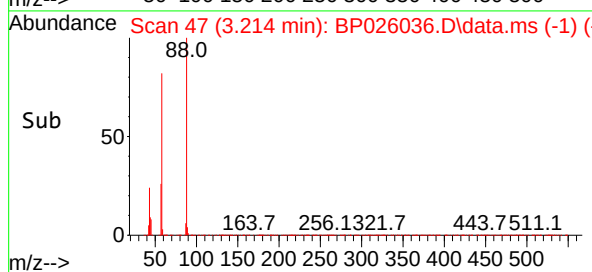
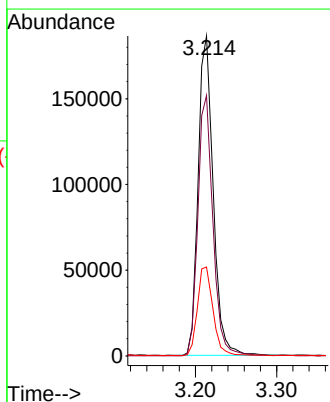
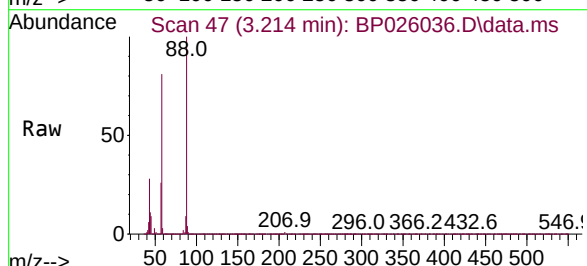
Manual Integrations
APPROVED

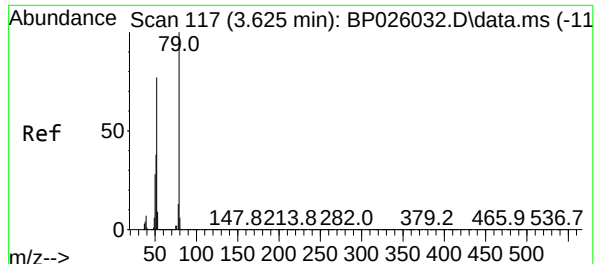
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#2
1,4-Dioxane
Concen: 33.303 ng
RT: 3.214 min Scan# 47
Delta R.T. -0.023 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 88 Resp: 239880
Ion Ratio Lower Upper
88 100
58 81.5 65.4 98.0
43 28.8 23.1 34.7





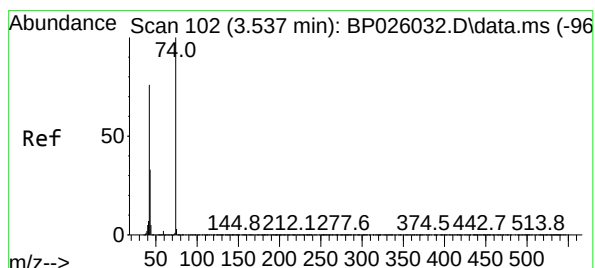
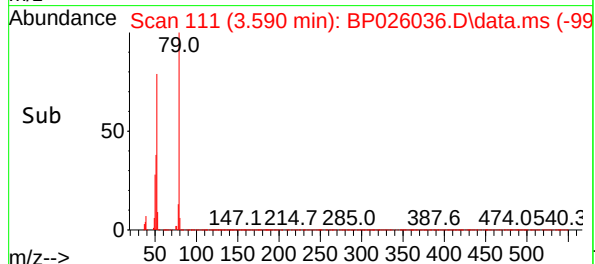
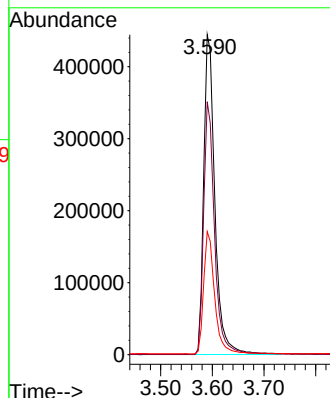
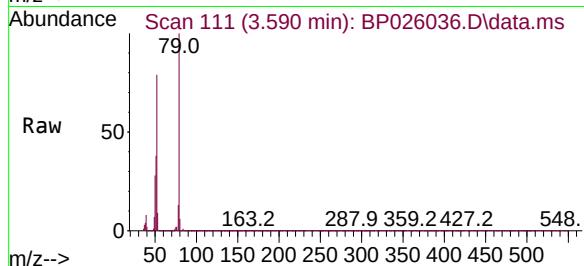
#3
Pyridine
Concen: 32.670 ng
RT: 3.590 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion: 79 Resp: 668959
Ion Ratio Lower Upper
79 100
52 79.0 62.0 93.0
51 38.4 30.6 46.0

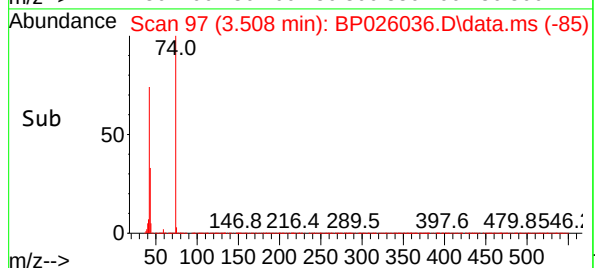
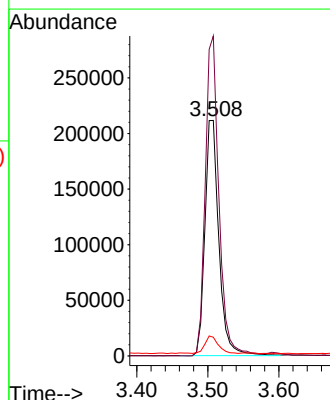
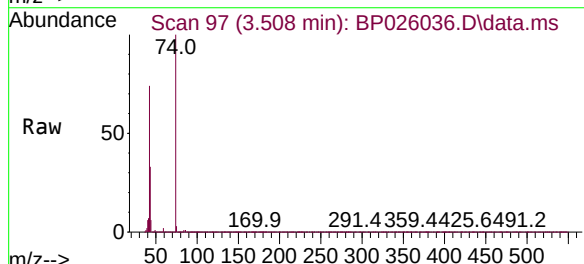
Manual Integrations
APPROVED

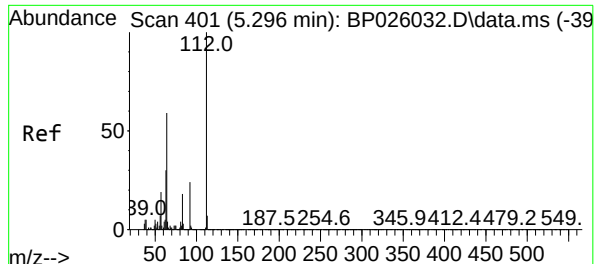
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#4
n-Nitrosodimethylamine
Concen: 35.142 ng
RT: 3.508 min Scan# 97
Delta R.T. -0.029 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 42 Resp: 288399
Ion Ratio Lower Upper
42 100
74 135.9 105.7 158.5
44 8.0 6.6 9.8





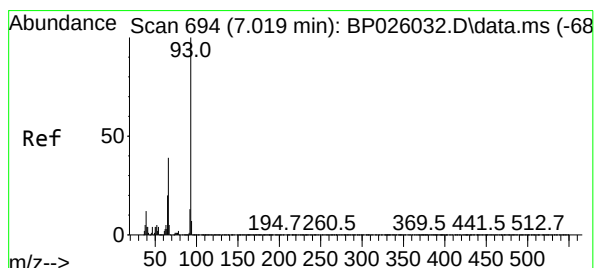
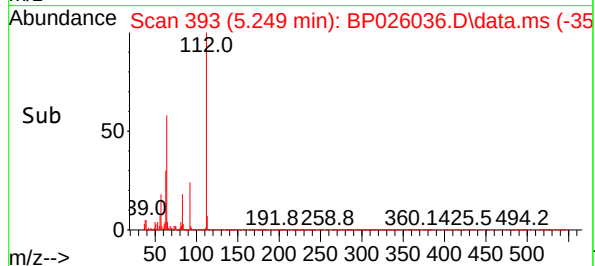
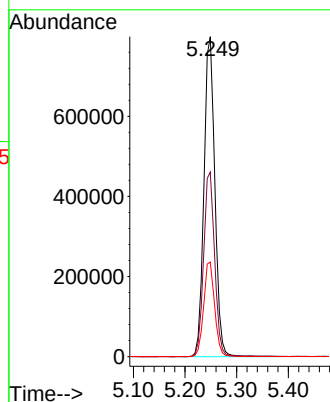
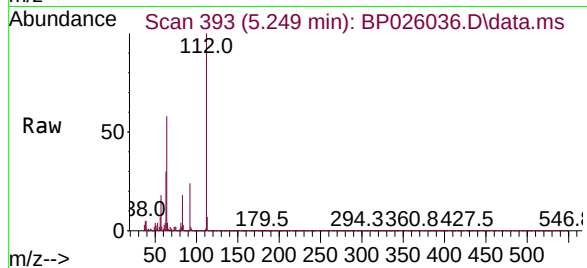
#5
2-Fluorophenol
Concen: 68.429 ng
RT: 5.249 min Scan# 39
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion:112 Resp: 1169189
Ion Ratio Lower Upper
112 100
64 57.7 47.4 71.2
63 29.5 24.2 36.4

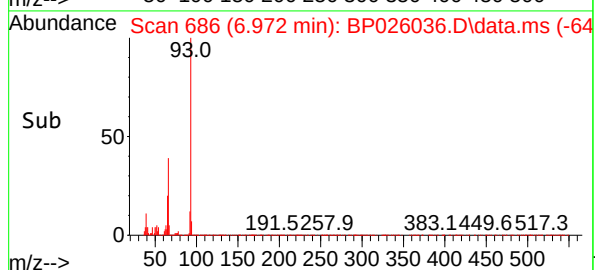
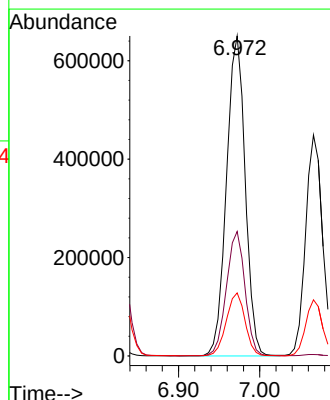
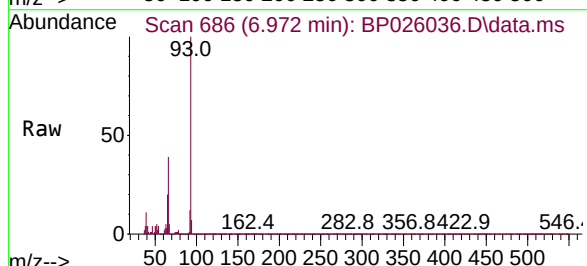
Manual Integrations
APPROVED

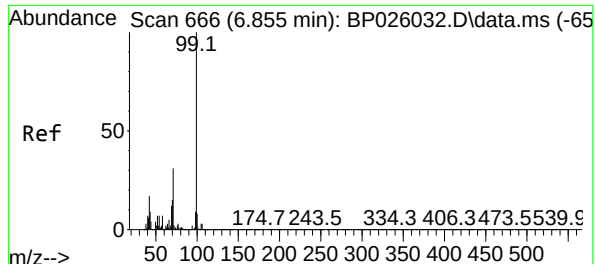
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#6
Aniline
Concen: 35.839 ng
RT: 6.972 min Scan# 686
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

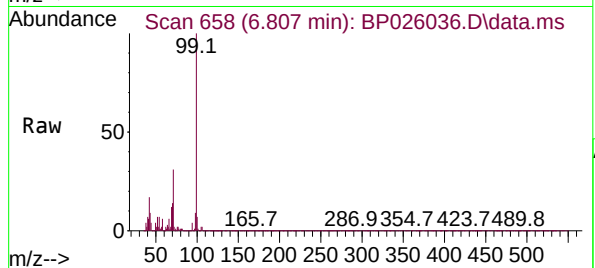
Tgt Ion: 93 Resp: 1040197
Ion Ratio Lower Upper
93 100
66 38.9 31.2 46.8
65 19.7 16.1 24.1





#7
Phenol-d6
Concen: 68.090 ng
RT: 6.807 min Scan# 61
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

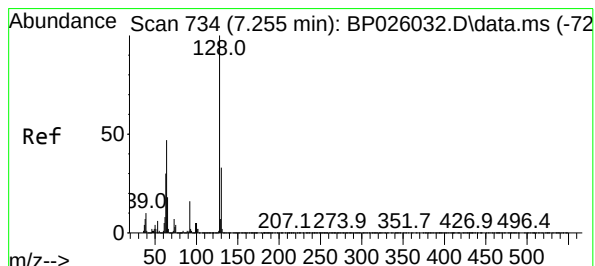
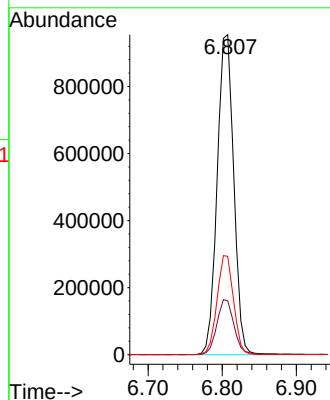
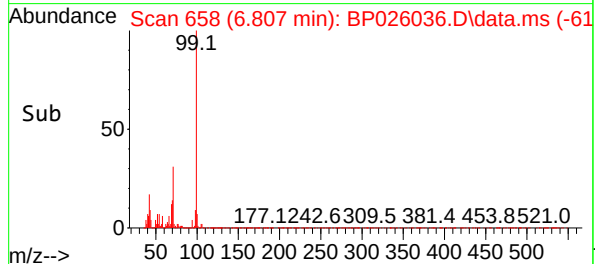
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion: 99 Resp: 1480783
Ion Ratio Lower Upper
99 100
42 16.8 13.7 20.5
71 30.7 24.4 36.6

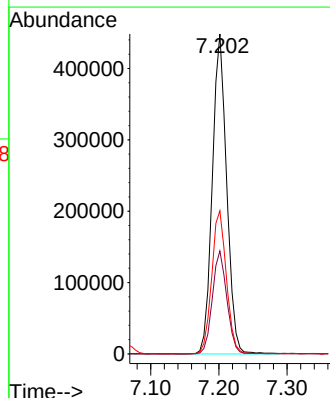
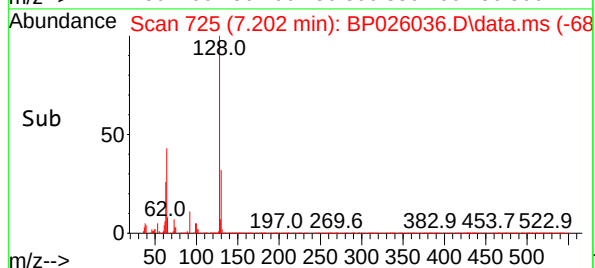
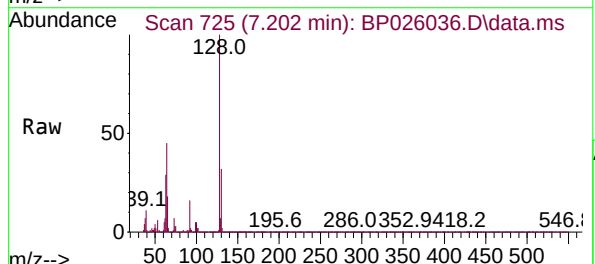
Manual Integrations
APPROVED

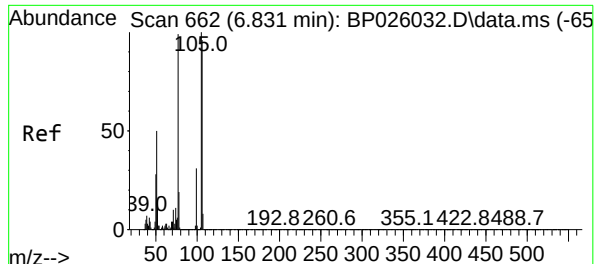
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#8
2-Chlorophenol
Concen: 34.596 ng
RT: 7.202 min Scan# 725
Delta R.T. -0.053 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:128 Resp: 654572
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 44.7 27.4 67.4





#9

Benzaldehyde

Concen: 46.027 ng m

RT: 6.784 min Scan# 61

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion: 77 Resp: 520334

Ion Ratio Lower Upper

77 100

105 102.9 80.7 120.7

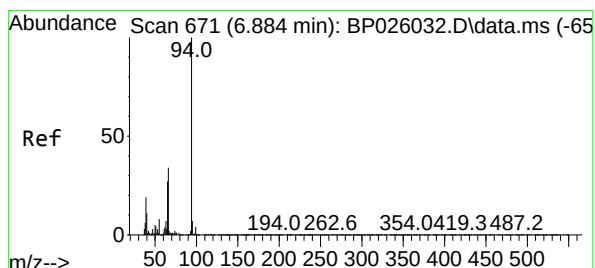
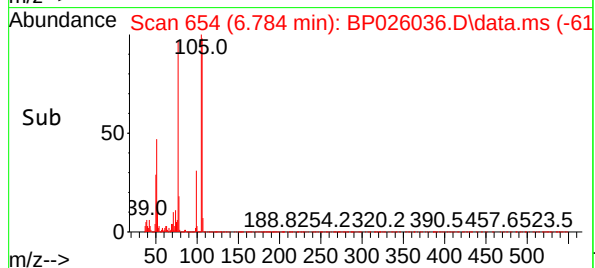
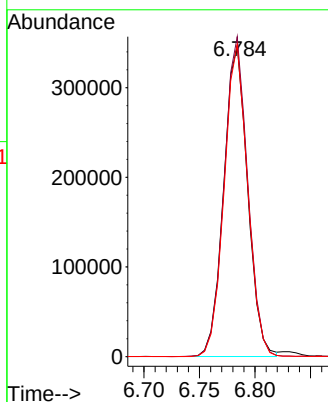
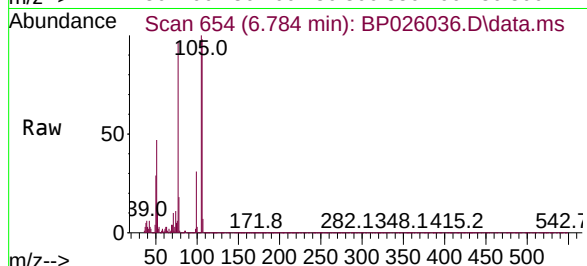
106 100.3 76.5 116.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#10

Phenol

Concen: 33.813 ng

RT: 6.831 min Scan# 662

Delta R.T. -0.053 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

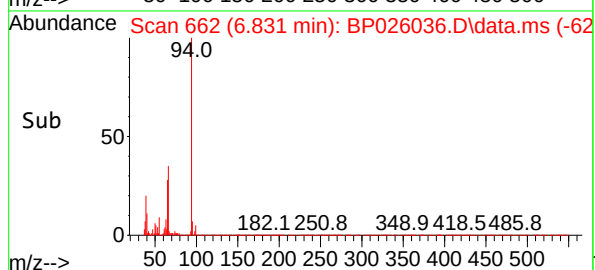
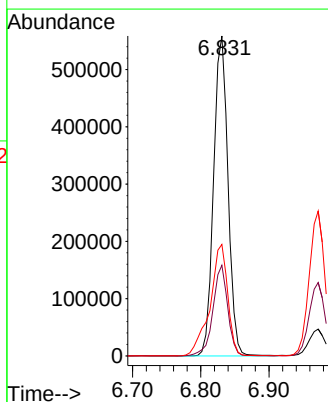
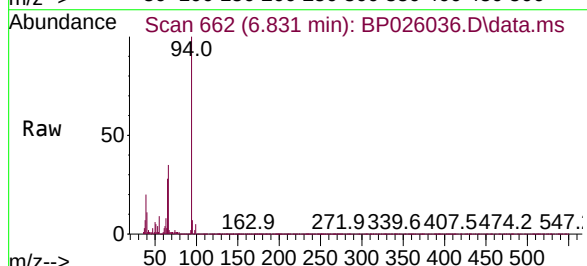
Tgt Ion: 94 Resp: 816366

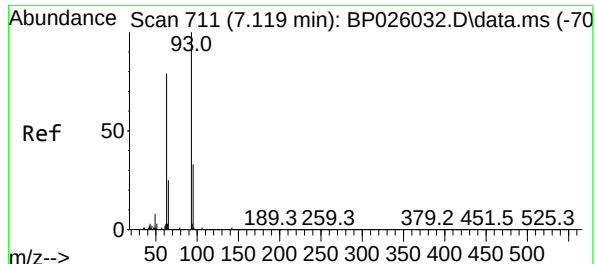
Ion Ratio Lower Upper

94 100

65 28.3 7.1 47.1

66 34.8 14.4 54.4





#11

bis(2-Chloroethyl)ether

Concen: 33.880 ng

RT: 7.066 min Scan# 70

Delta R.T. -0.053 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion: 93 Resp: 64553

Ion Ratio Lower Upper

93 100

63 79.5 59.1 99.1

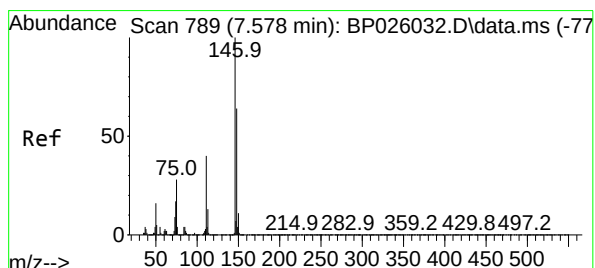
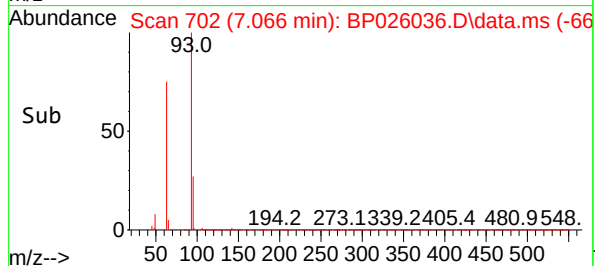
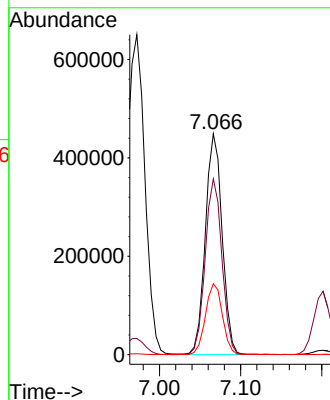
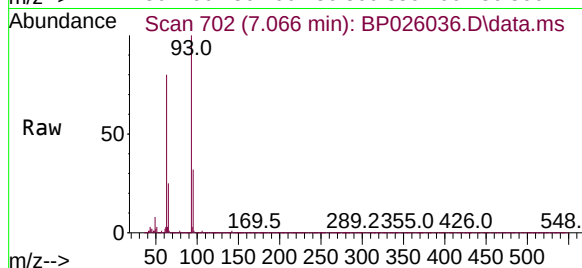
95 32.0 12.6 52.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#12

1,3-Dichlorobenzene

Concen: 34.538 ng

RT: 7.531 min Scan# 781

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

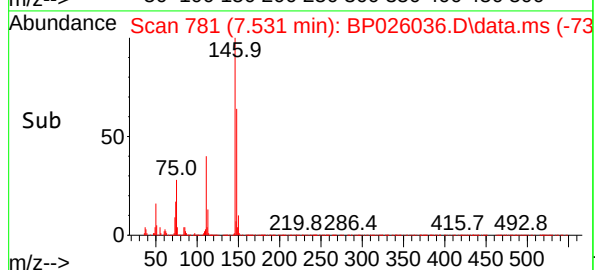
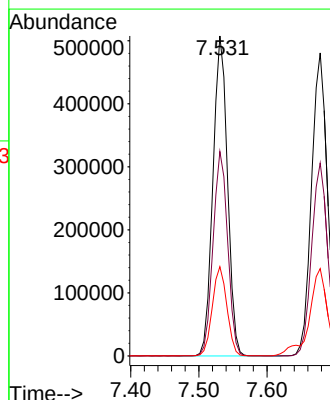
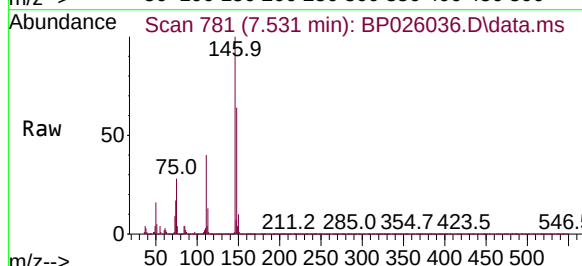
Tgt Ion:146 Resp: 750462

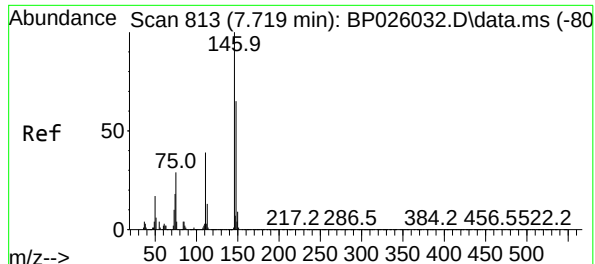
Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

75 27.9 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 35.099 ng

RT: 7.678 min Scan# 80

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

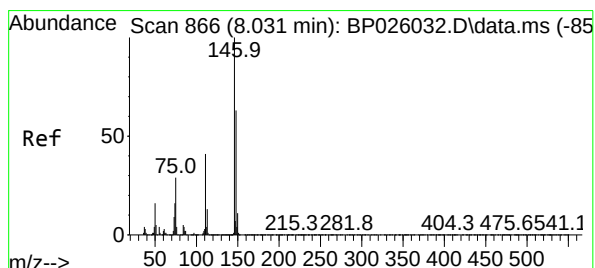
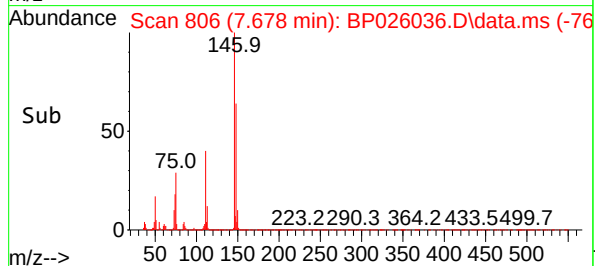
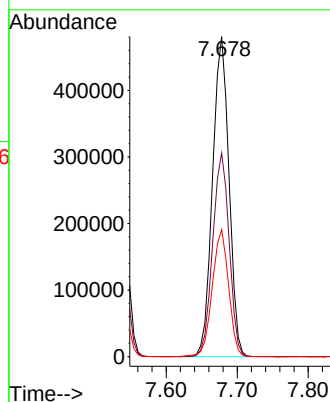
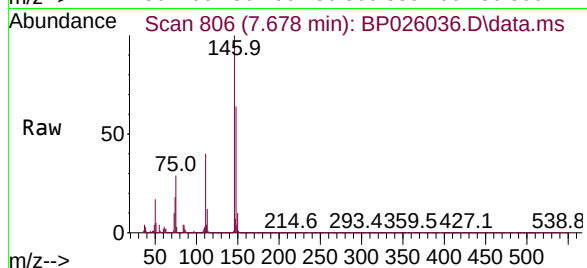
Tgt Ion:	146	Resp:	771097
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.2	78.2
111	39.7	31.3	46.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#14

1,2-Dichlorobenzene

Concen: 35.092 ng

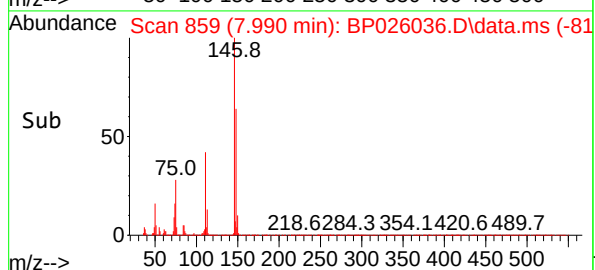
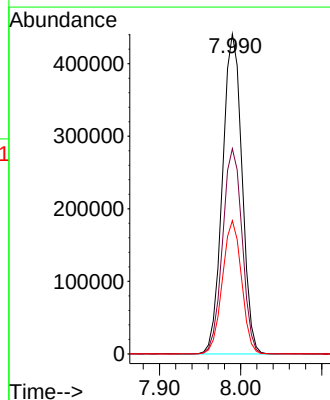
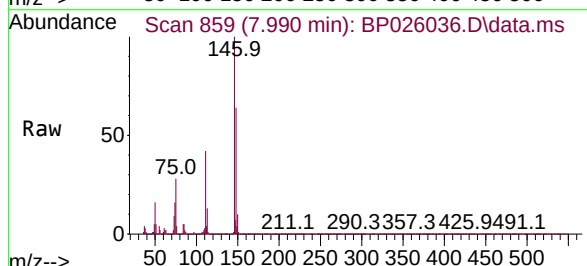
RT: 7.990 min Scan# 859

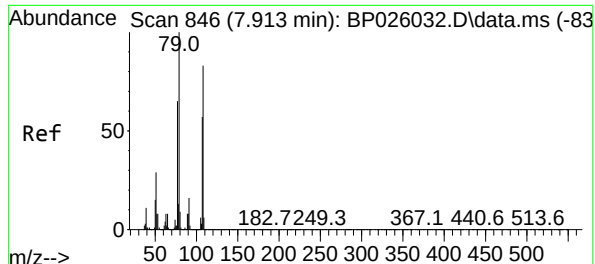
Delta R.T. -0.041 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion:	146	Resp:	735657
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.8	76.2
111	41.6	33.0	49.4





#15

Benzyl Alcohol

Concen: 35.185 ng

RT: 7.866 min Scan# 846

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion: 79 Resp: 551625

Ion Ratio Lower Upper

79 100

108 81.9 66.0 99.0

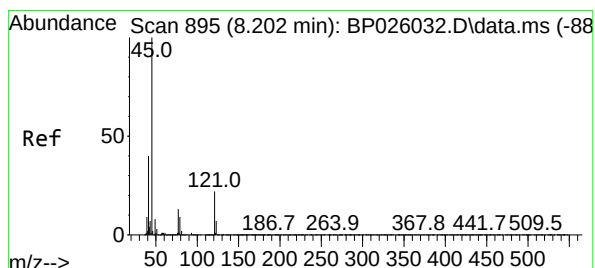
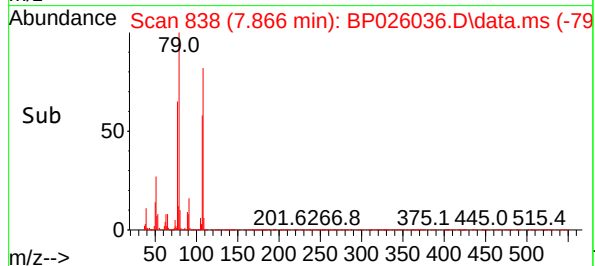
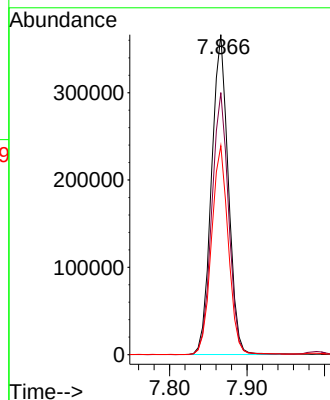
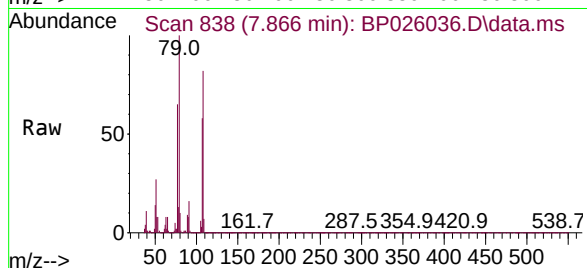
77 65.3 52.3 78.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.526 ng

RT: 8.172 min Scan# 890

Delta R.T. -0.029 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

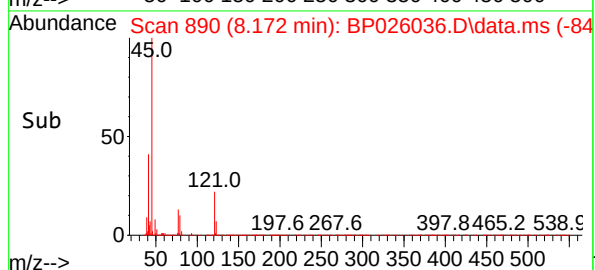
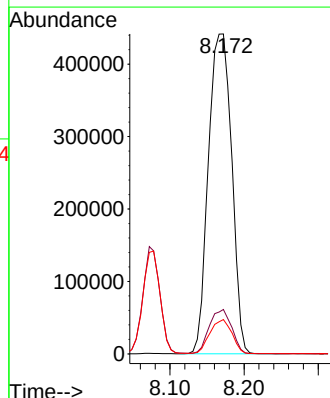
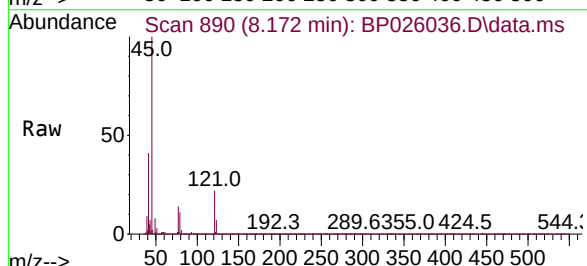
Tgt Ion: 45 Resp: 965445

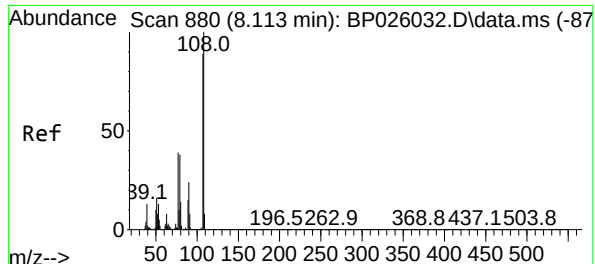
Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.2

79 10.7 0.0 29.5





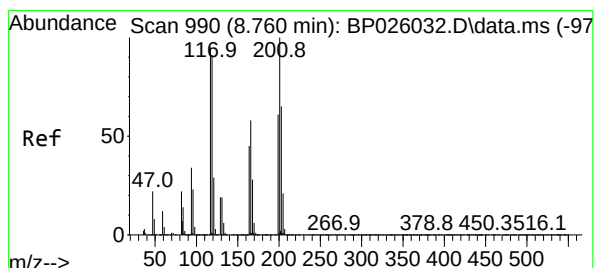
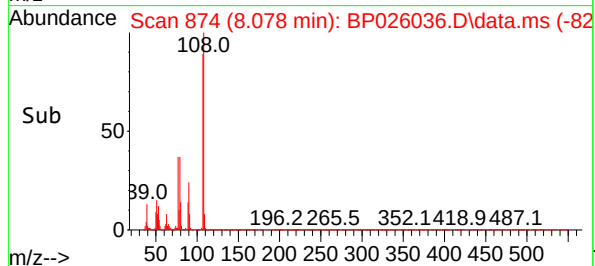
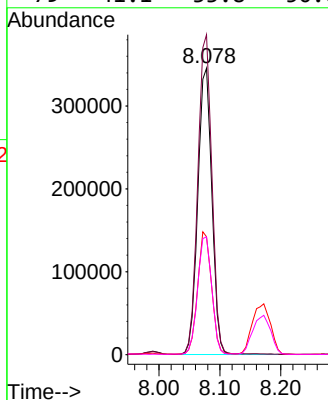
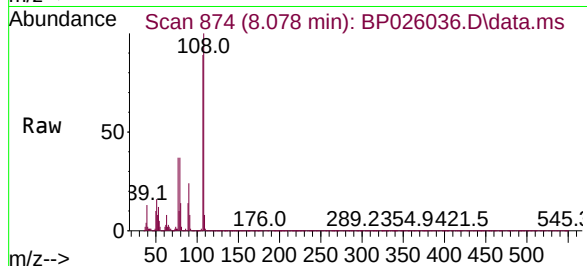
#17
2-Methylphenol
Concen: 34.998 ng
RT: 8.078 min Scan# 81
Delta R.T. -0.035 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion:107 Resp: 553305
Ion Ratio Lower Upper
107 100
108 111.7 89.8 134.8
77 41.1 34.8 52.2
79 41.1 33.8 50.6

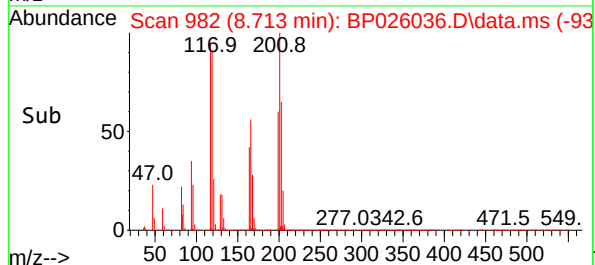
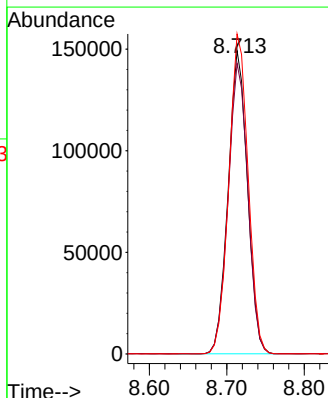
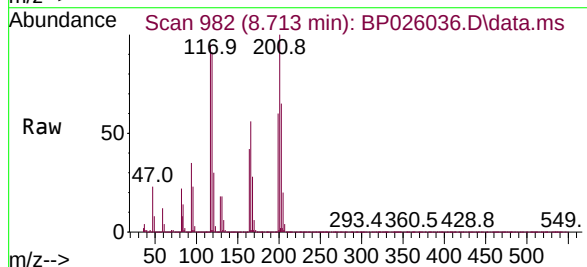
Manual Integrations
APPROVED

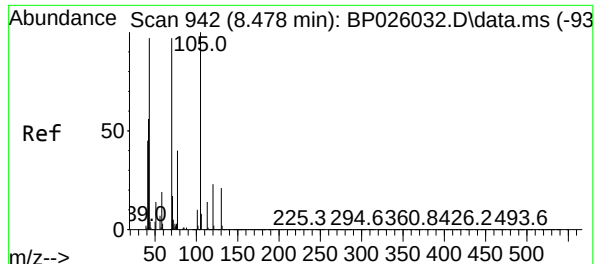
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#18
Hexachloroethane
Concen: 34.560 ng
RT: 8.713 min Scan# 982
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:117 Resp: 259803
Ion Ratio Lower Upper
117 100
119 95.8 76.5 114.7
201 105.5 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 36.340 ng

RT: 8.443 min Scan# 91

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion: 70 Resp: 490575

Ion Ratio Lower Upper

70 100

42 57.5 47.2 70.8

101 9.9 8.2 12.2

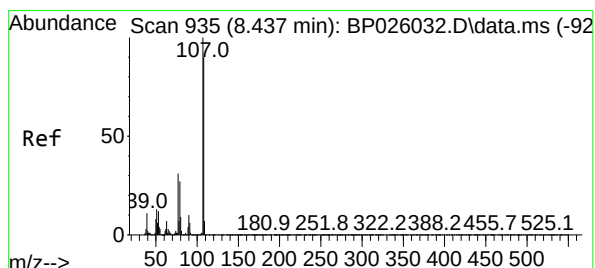
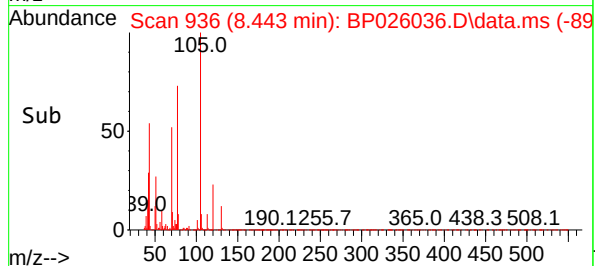
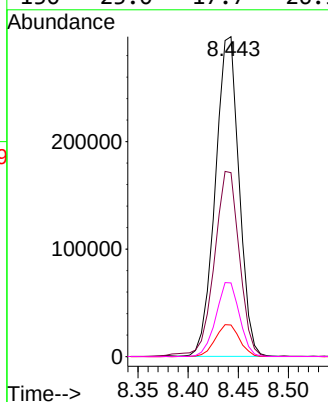
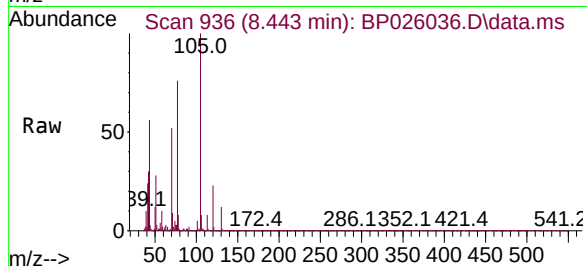
130 23.0 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#20

3+4-Methylphenols

Concen: 34.245 ng

RT: 8.396 min Scan# 928

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion:107 Resp: 753178

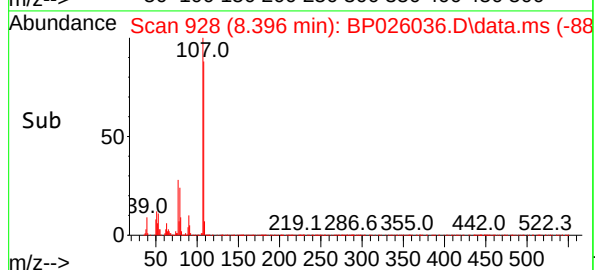
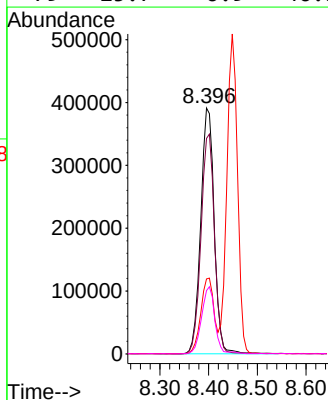
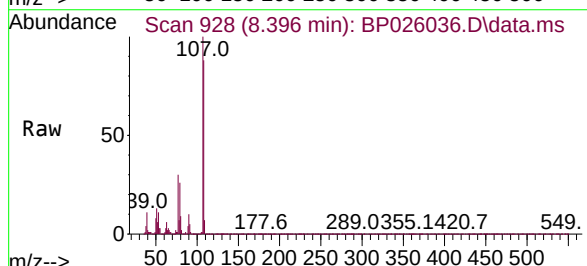
Ion Ratio Lower Upper

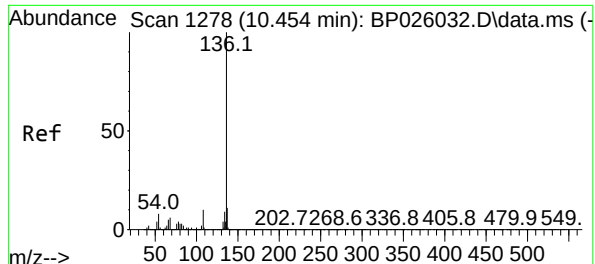
107 100

108 87.6 70.1 110.1

77 30.5 10.7 50.7

79 25.7 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.413 min Scan# 11

Delta R.T. -0.041 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:136 Resp: 1165829

Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.6 6.6 10.0

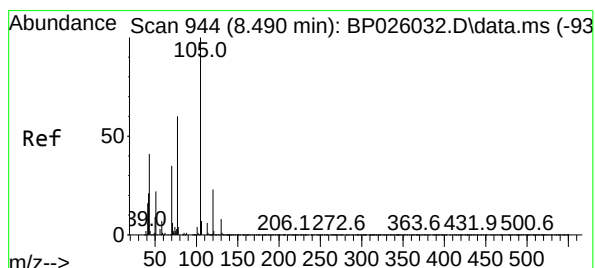
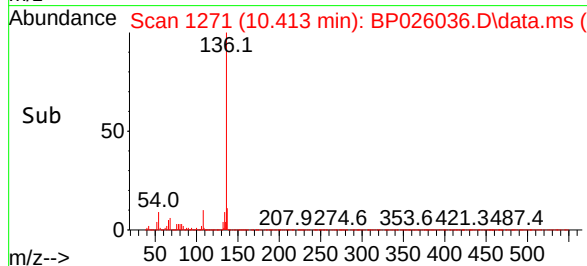
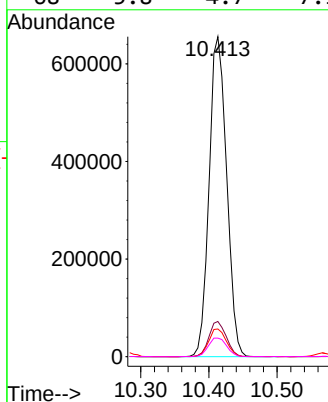
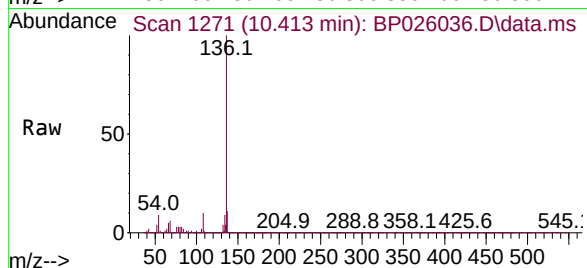
68 5.8 4.7 7.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#22

Acetophenone

Concen: 35.756 ng

RT: 8.449 min Scan# 937

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion:105 Resp: 1054241

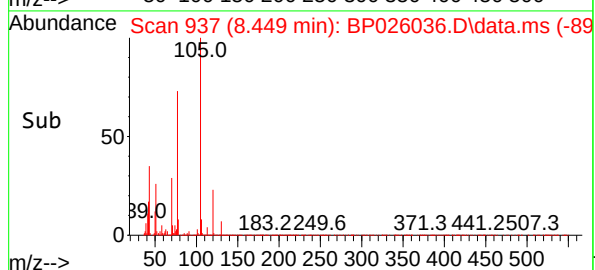
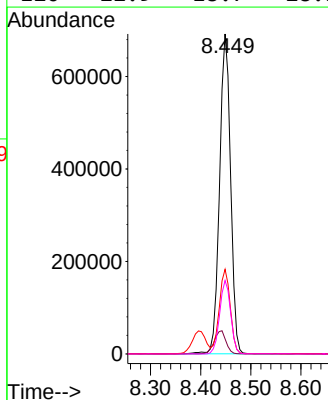
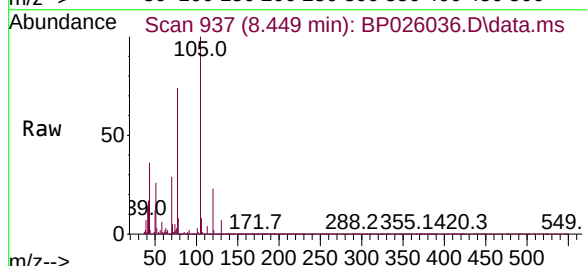
Ion Ratio Lower Upper

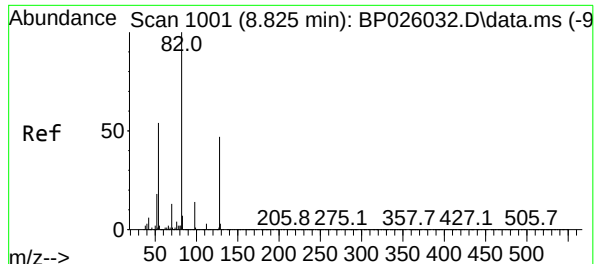
105 100

71 4.7 4.7 7.1#

51 26.4 21.8 32.8

120 22.9 18.7 28.1





#23

Nitrobenzene-d5

Concen: 68.652 ng

RT: 8.784 min Scan# 994

Delta R.T. -0.041 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion: 82 Resp: 128388

Ion Ratio Lower Upper

82 100

128 46.3 37.4 56.0

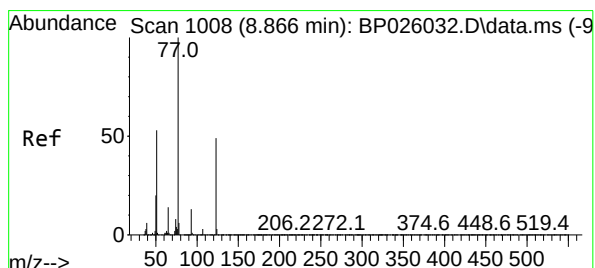
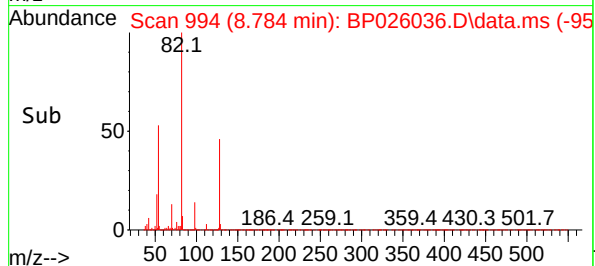
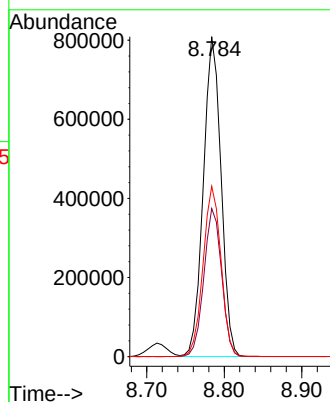
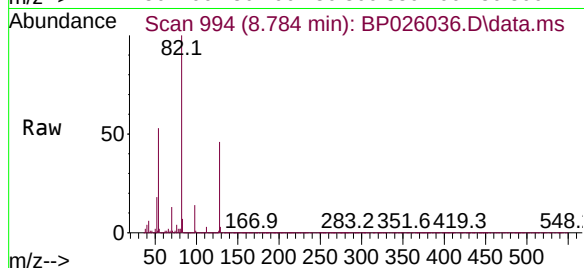
54 53.2 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#24

Nitrobenzene

Concen: 34.825 ng

RT: 8.825 min Scan# 1001

Delta R.T. -0.041 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

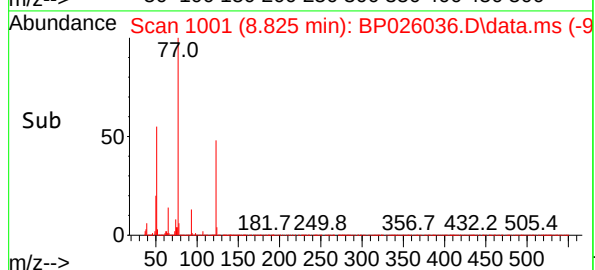
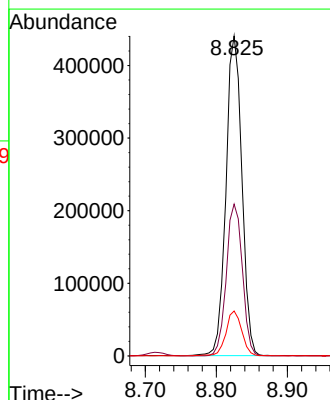
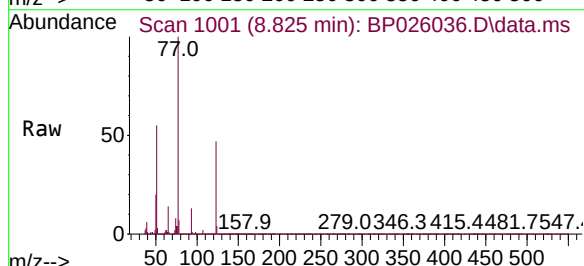
Tgt Ion: 77 Resp: 687636

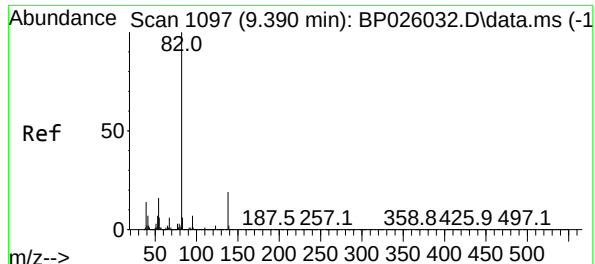
Ion Ratio Lower Upper

77 100

123 47.5 39.0 58.4

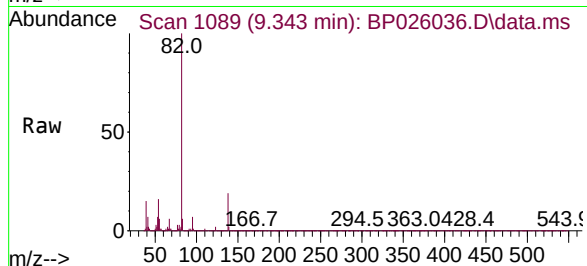
65 14.0 10.9 16.3





#25
Isophorone
Concen: 35.069 ng
RT: 9.343 min Scan# 1097
Delta R.T. -0.047 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

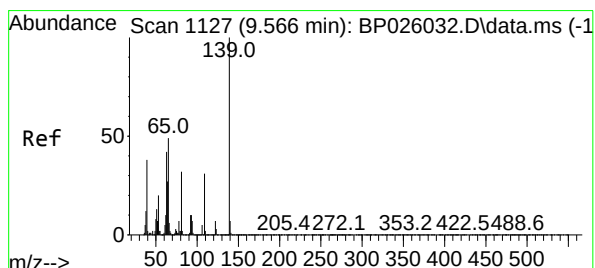
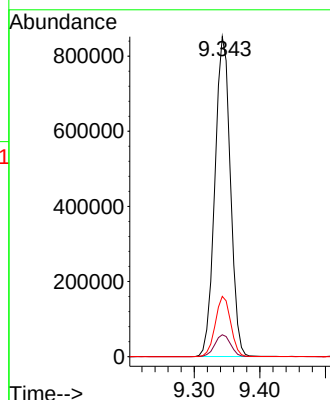
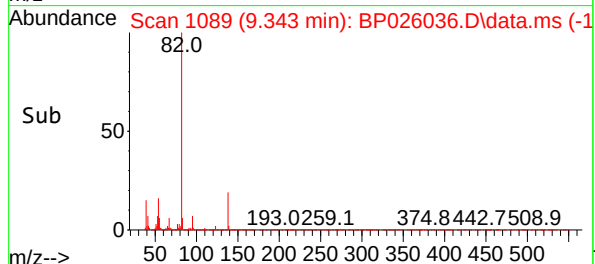
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion: 82 Resp: 1403746
Ion Ratio Lower Upper
82 100
95 6.8 5.8 8.6
138 18.8 15.0 22.6

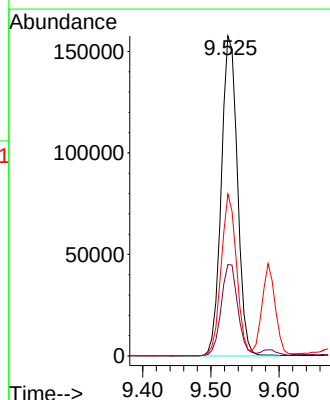
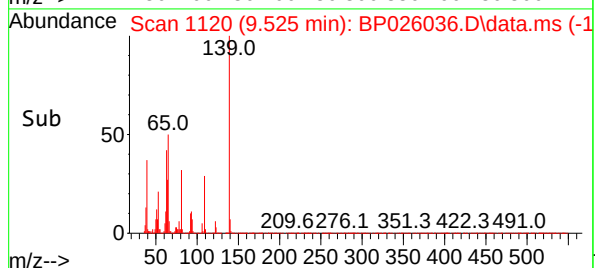
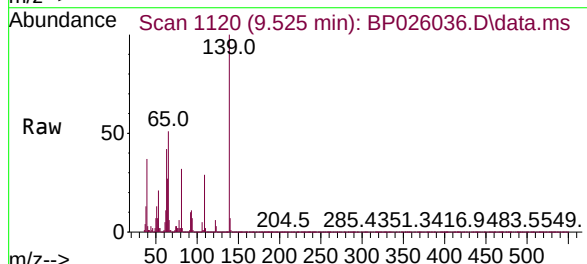
Manual Integrations
APPROVED

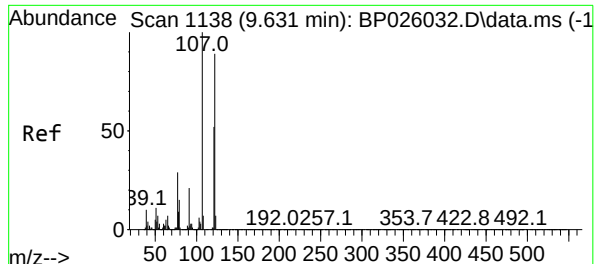
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#26
2-Nitrophenol
Concen: 36.106 ng
RT: 9.525 min Scan# 1120
Delta R.T. -0.041 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:139 Resp: 257308
Ion Ratio Lower Upper
139 100
109 28.5 24.8 37.2
65 50.6 39.0 58.4





#27

2,4-Dimethylphenol

Concen: 37.573 ng

RT: 9.584 min Scan# 1130

Delta R.T. -0.047 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

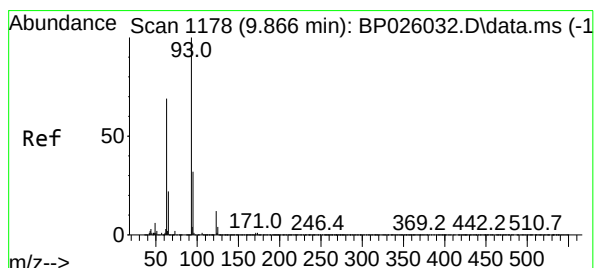
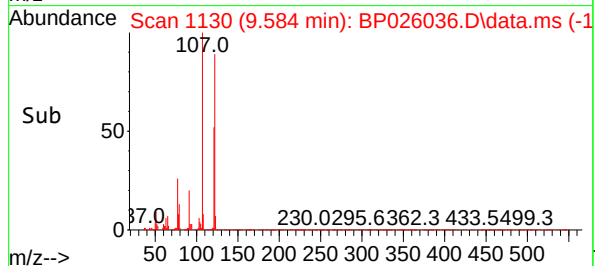
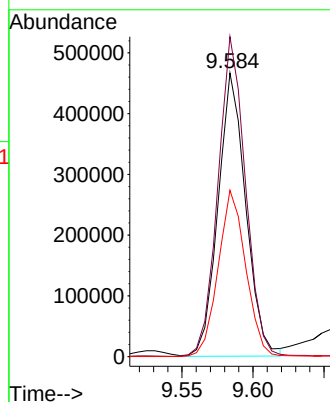
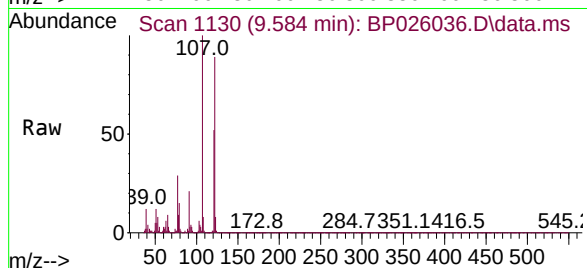
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.9	89.2	133.8
121	58.7	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 34.454 ng

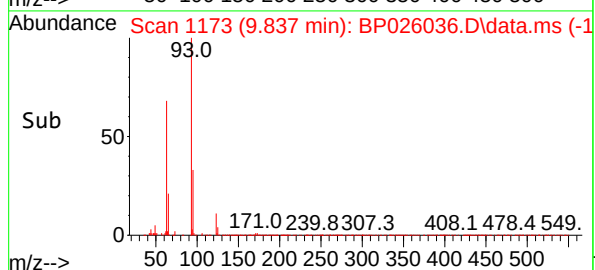
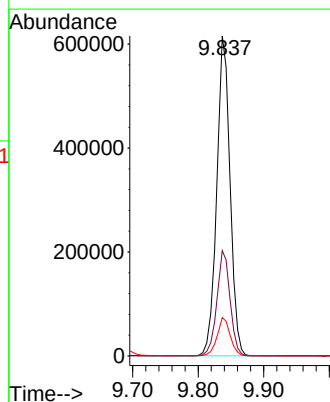
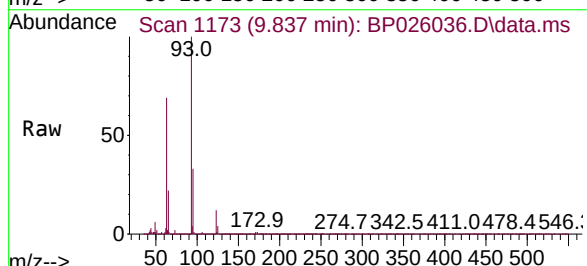
RT: 9.837 min Scan# 1173

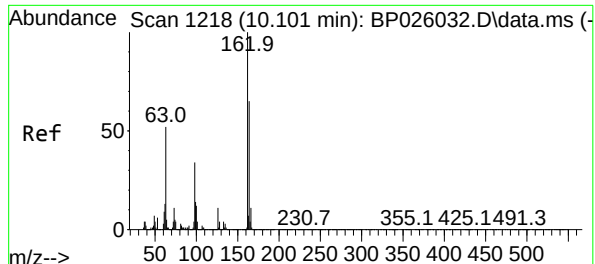
Delta R.T. -0.029 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.8	38.6
123	12.0	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 34.599 ng

RT: 10.060 min Scan# 1211

Delta R.T. -0.035 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:162 Resp: 614929

Ion Ratio Lower Upper

162 100

164 63.9 44.6 84.6

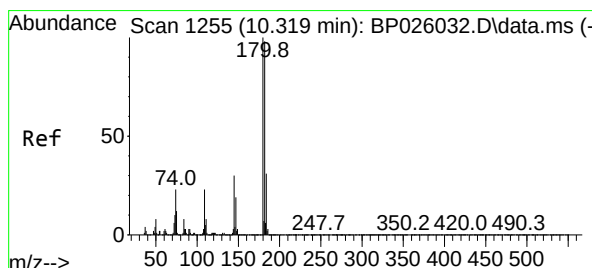
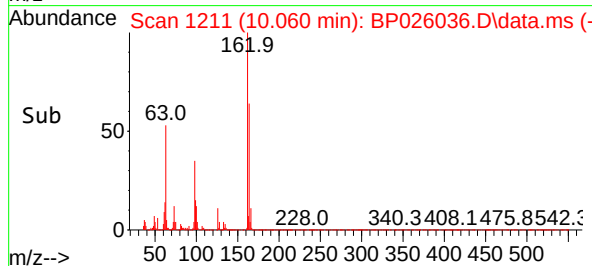
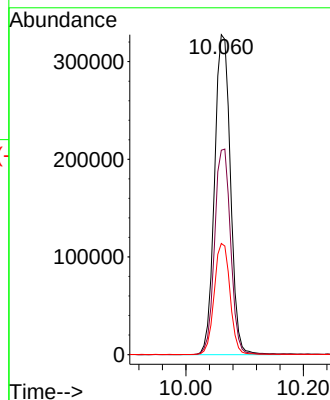
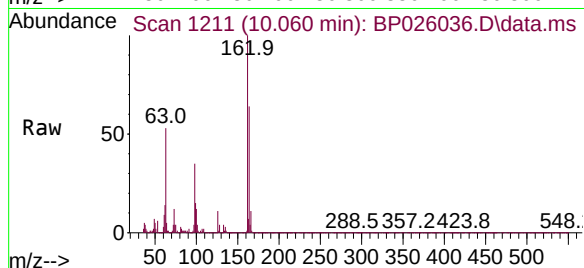
98 34.8 14.0 54.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 35.441 ng

RT: 10.278 min Scan# 1248

Delta R.T. -0.041 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

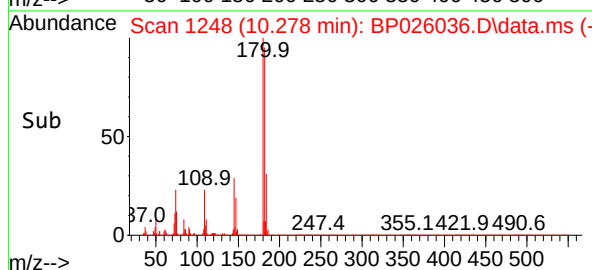
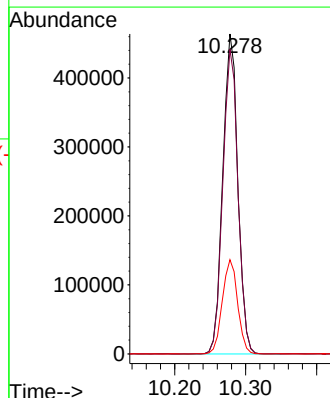
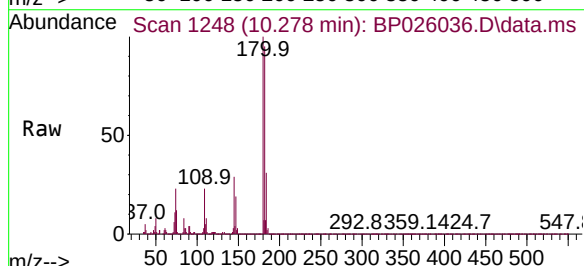
Tgt Ion:180 Resp: 684636

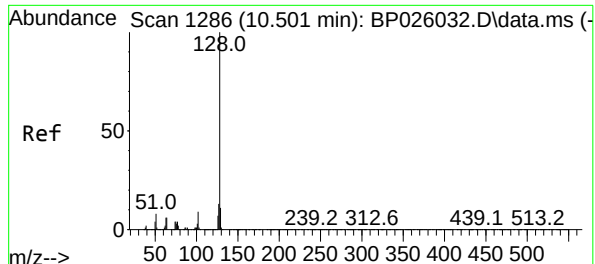
Ion Ratio Lower Upper

180 100

182 95.2 78.6 117.8

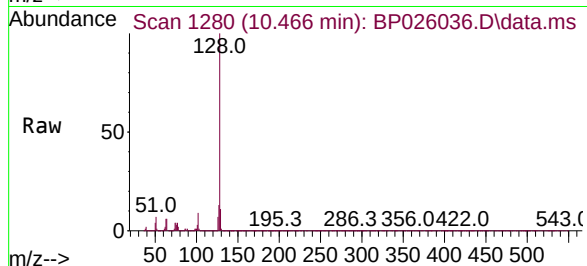
145 29.4 24.2 36.4





#31
Naphthalene
Concen: 33.888 ng
RT: 10.466 min Scan# 1148
Delta R.T. -0.035 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

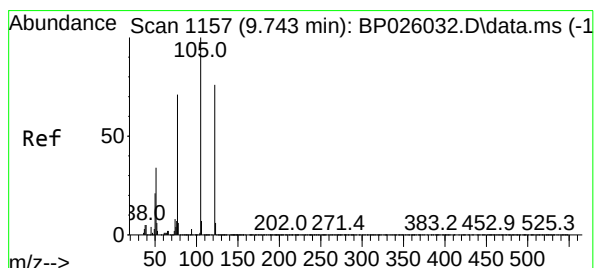
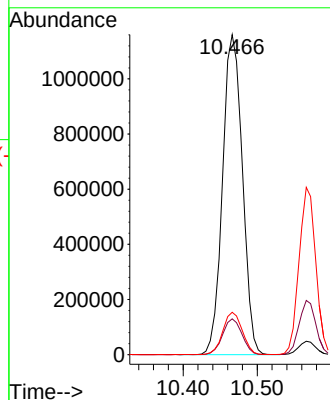
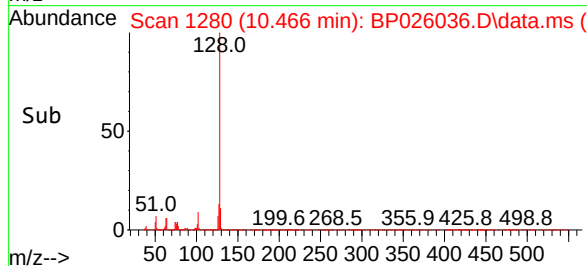
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:128 Resp: 2154430
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.5 15.7

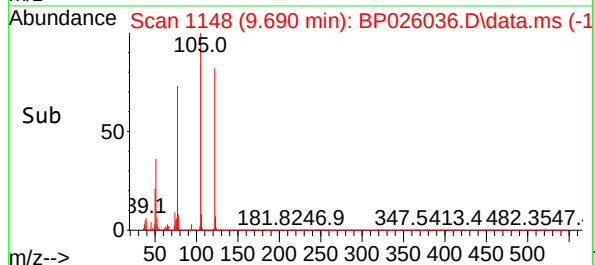
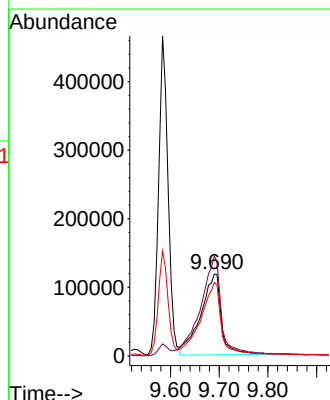
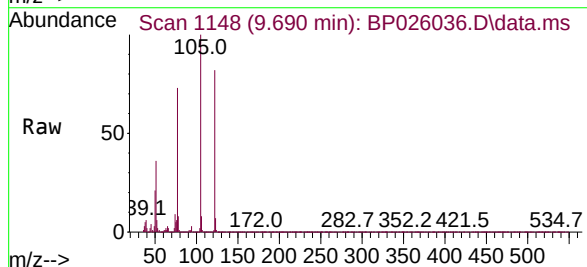
Manual Integrations
APPROVED

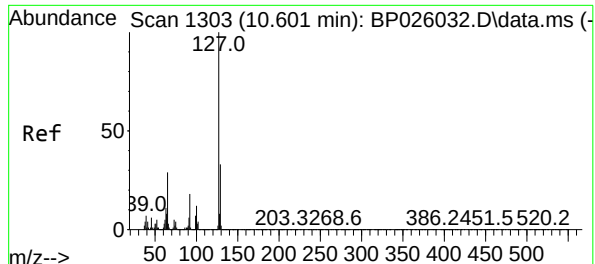
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#32
Benzoic acid
Concen: 37.646 ng
RT: 9.690 min Scan# 1148
Delta R.T. -0.088 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

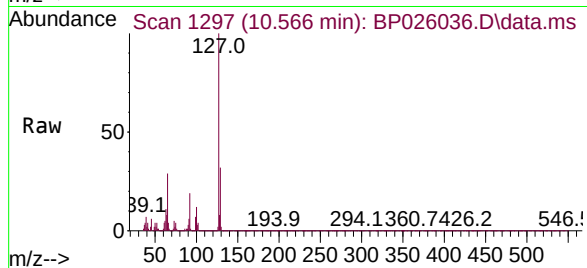
Tgt Ion:122 Resp: 351760
Ion Ratio Lower Upper
122 100
105 121.9 104.8 144.8
77 89.5 70.9 110.9





#33
4-Chloroaniline
Concen: 38.877 ng
RT: 10.566 min Scan# 1297
Delta R.T. -0.029 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

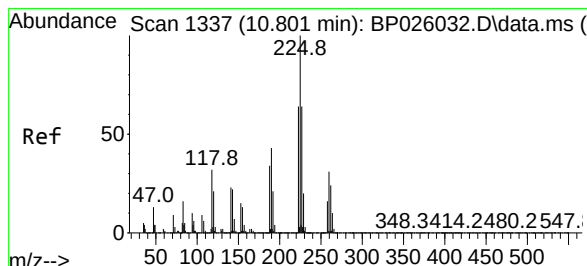
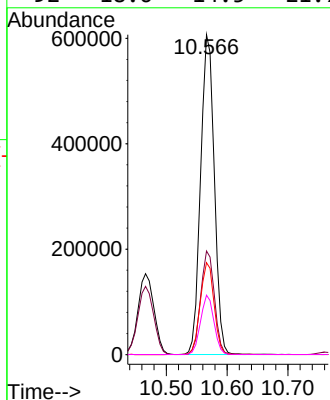
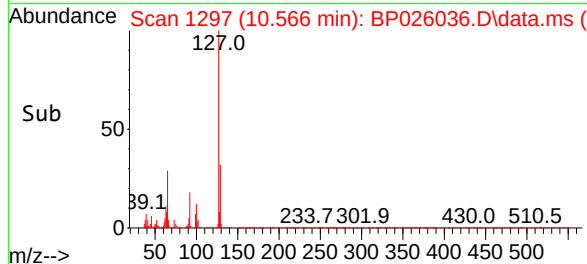
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:127 Resp: 949772
Ion Ratio Lower Upper
127 100
129 32.4 26.0 39.0
65 28.7 23.2 34.8
92 18.6 14.5 21.7

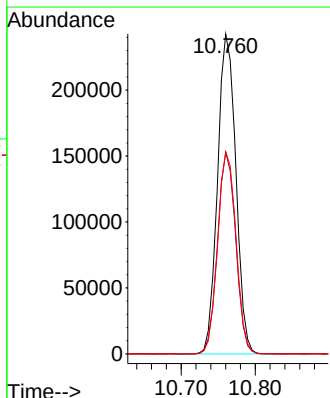
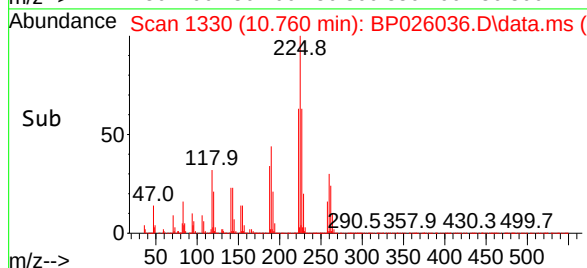
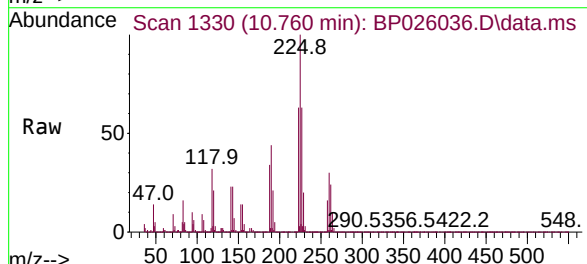
Manual Integrations
APPROVED

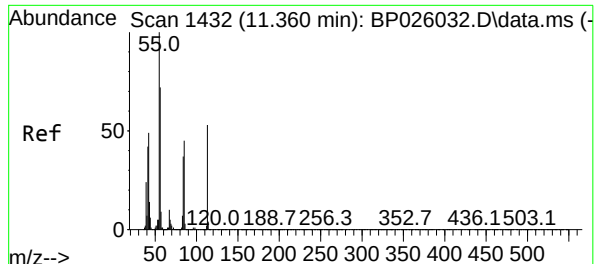
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#34
Hexachlorobutadiene
Concen: 33.876 ng
RT: 10.760 min Scan# 1330
Delta R.T. -0.035 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

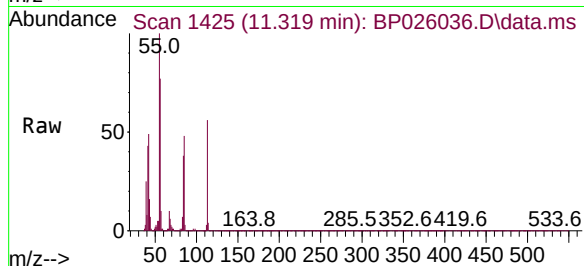
Tgt Ion:225 Resp: 415865
Ion Ratio Lower Upper
225 100
223 63.0 50.9 76.3
227 63.2 51.0 76.4





#35
Caprolactam
Concen: 34.833 ng
RT: 11.319 min Scan# 1432
Delta R.T. -0.065 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

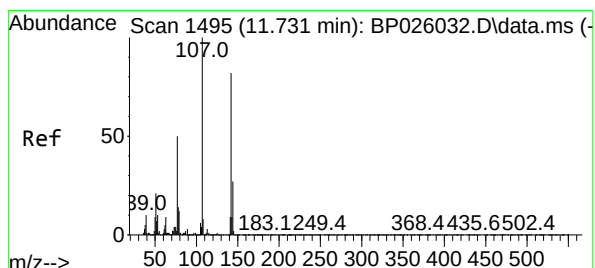
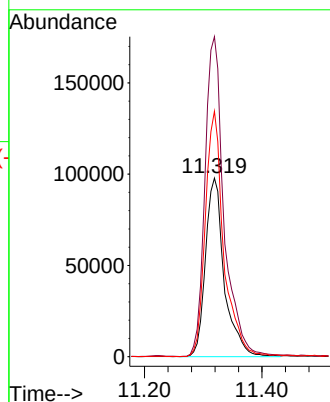
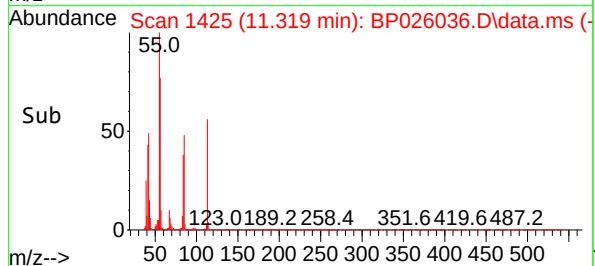
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:113 Resp: 21740
Ion Ratio Lower Upper
113 100
55 179.2 169.9 209.9
56 137.4 116.7 156.7

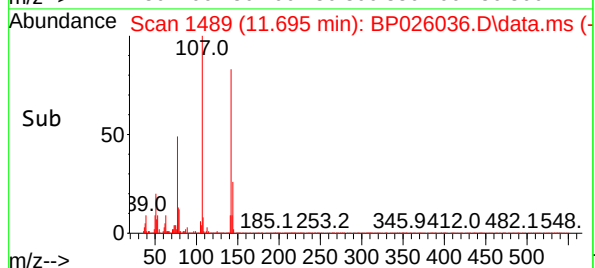
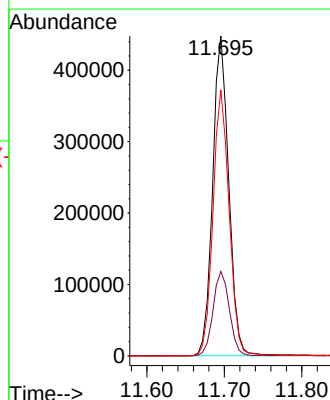
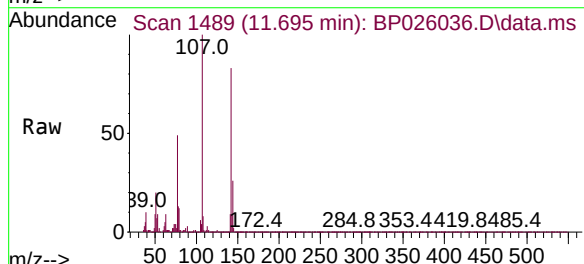
Manual Integrations
APPROVED

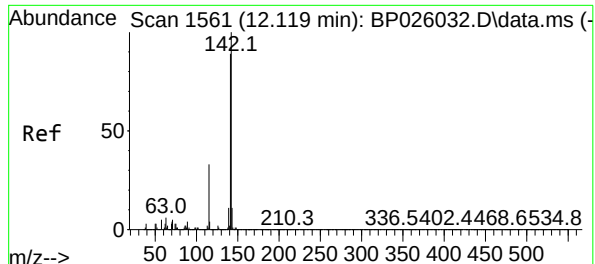
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#36
4-Chloro-3-methylphenol
Concen: 34.690 ng
RT: 11.695 min Scan# 1489
Delta R.T. -0.035 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

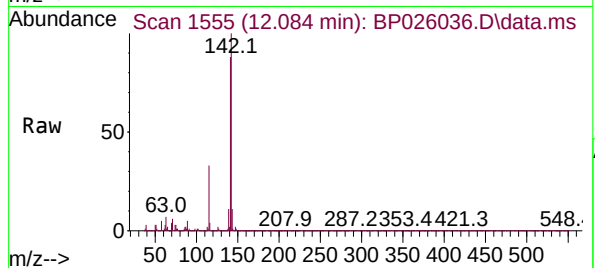
Tgt Ion:107 Resp: 646328
Ion Ratio Lower Upper
107 100
144 26.4 21.3 31.9
142 83.1 65.2 97.8





#37
2-Methylnaphthalene
Concen: 30.988 ng
RT: 12.084 min Scan# 1555
Delta R.T. -0.029 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

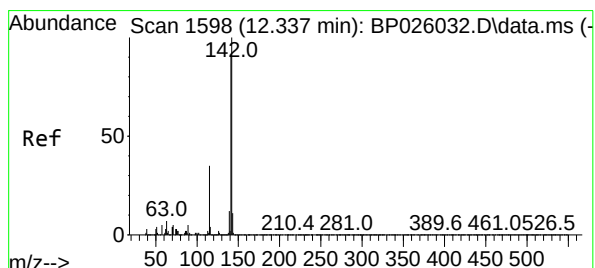
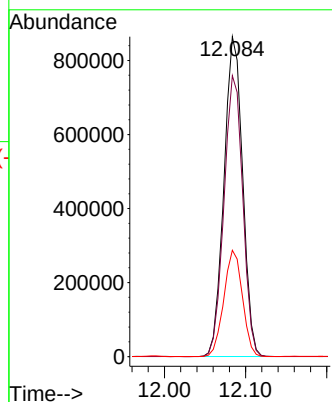
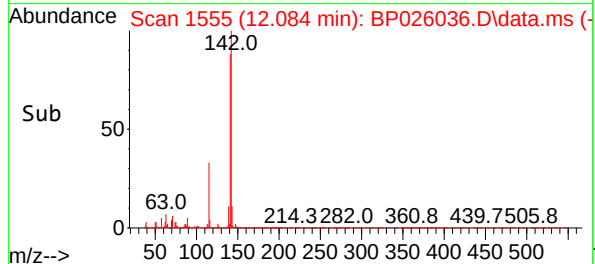
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:142 Resp: 1378858
Ion Ratio Lower Upper
142 100
141 87.8 71.6 107.4
115 33.2 26.6 39.8

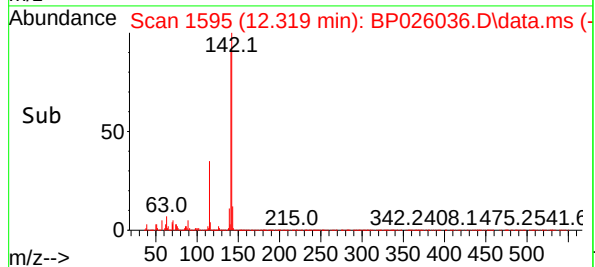
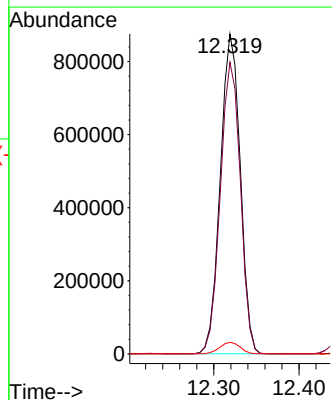
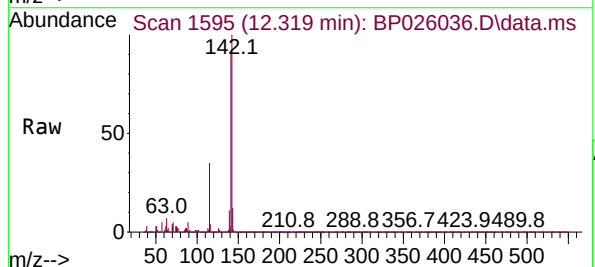
Manual Integrations
APPROVED

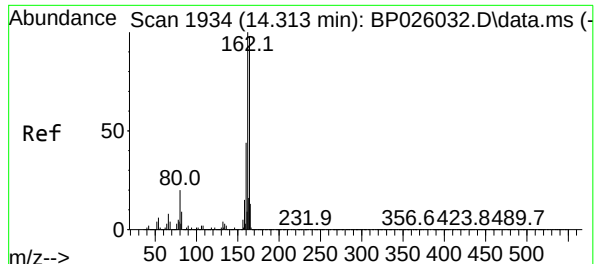
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#38
1-Methylnaphthalene
Concen: 32.934 ng
RT: 12.319 min Scan# 1595
Delta R.T. -0.017 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:142 Resp: 1423665
Ion Ratio Lower Upper
142 100
141 91.1 72.7 109.1
116 3.6 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:164 Resp: 734180

Ion Ratio Lower Upper

164 100

162 102.2 81.5 122.3

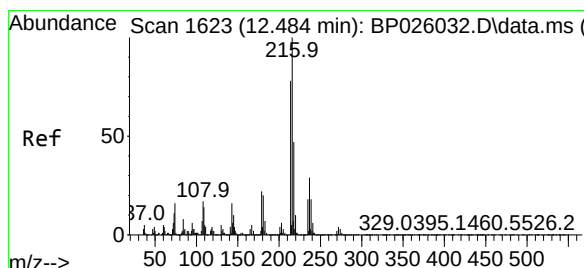
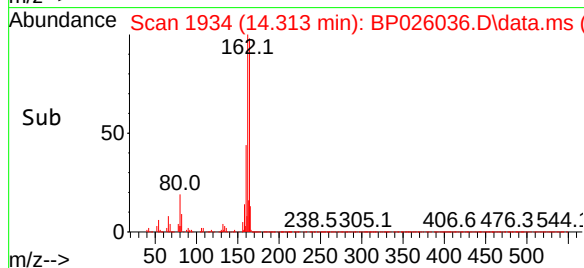
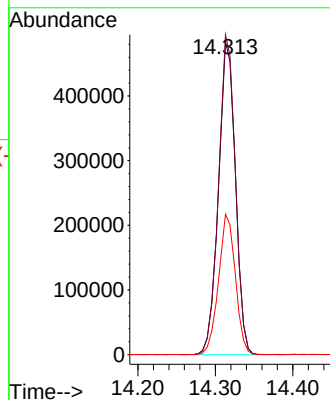
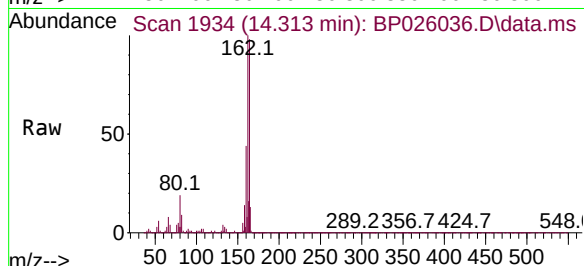
160 44.8 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.481 ng

RT: 12.460 min Scan# 1619

Delta R.T. -0.029 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion:216 Resp: 786568

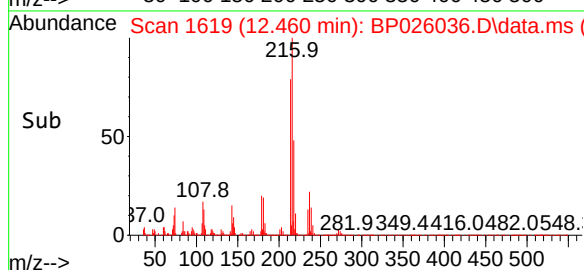
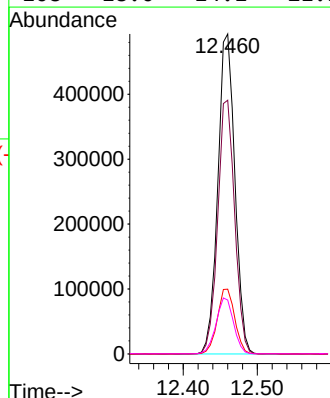
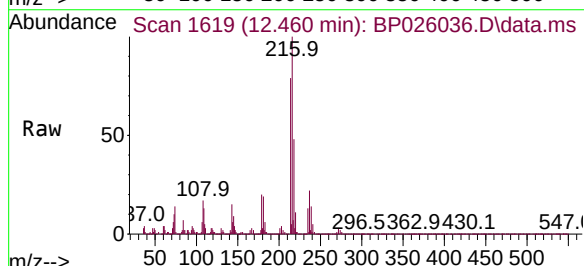
Ion Ratio Lower Upper

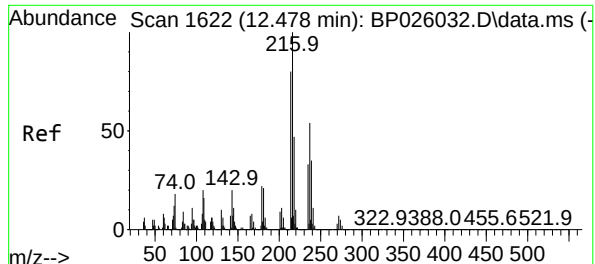
216 100

214 78.8 62.9 94.3

179 20.7 16.9 25.3

108 18.0 14.1 21.1





#41

Hexachlorocyclopentadiene

Concen: 47.197 ng

RT: 12.448 min Scan# 1617

Delta R.T. -0.029 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:237 Resp: 393924

Ion Ratio Lower Upper

237 100

235 61.3 40.4 80.4

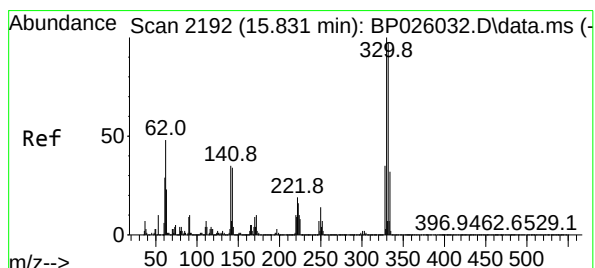
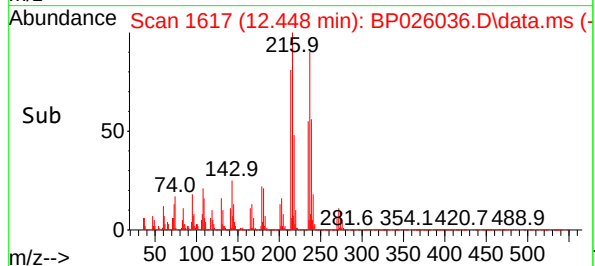
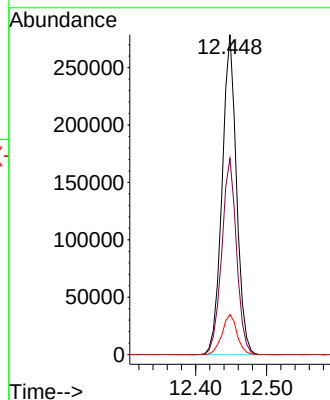
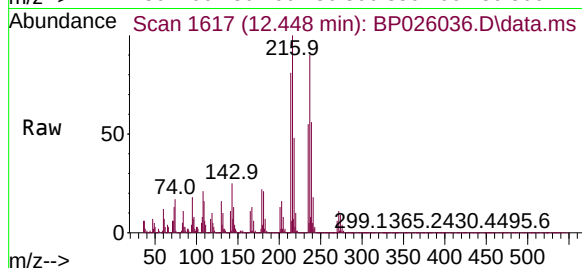
272 12.5 0.0 32.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#42

2,4,6-Tribromophenol

Concen: 72.809 ng

RT: 15.830 min Scan# 2192

Delta R.T. 0.000 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

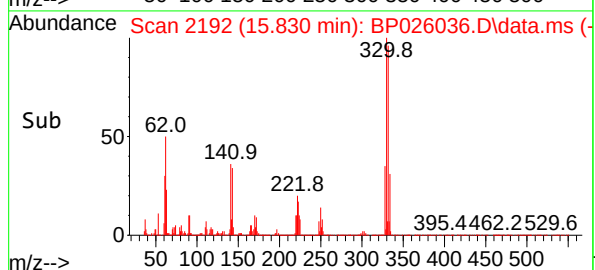
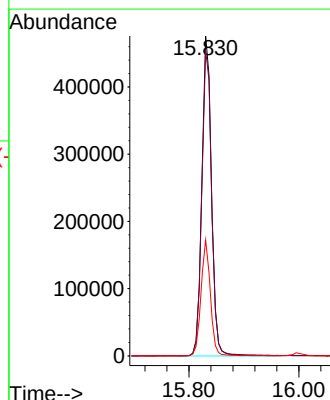
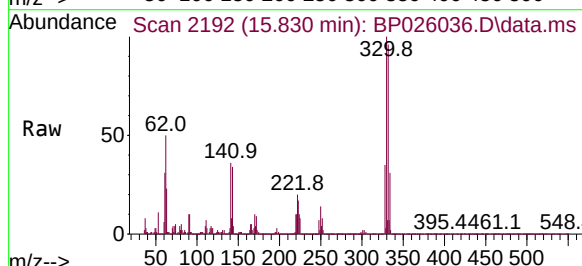
Tgt Ion:330 Resp: 577899

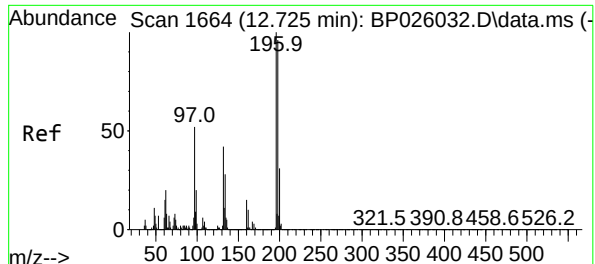
Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

141 35.1 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 36.282 ng

RT: 12.701 min Scan# 1660

Delta R.T. -0.023 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:196 Resp: 489212

Ion Ratio Lower Upper

196 100

198 95.1 76.5 114.7

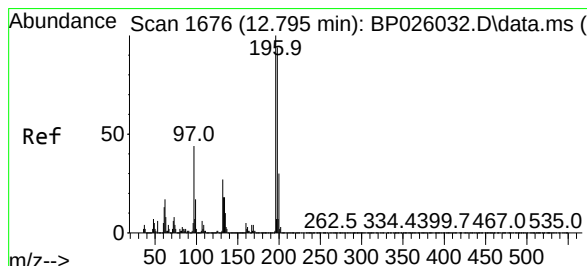
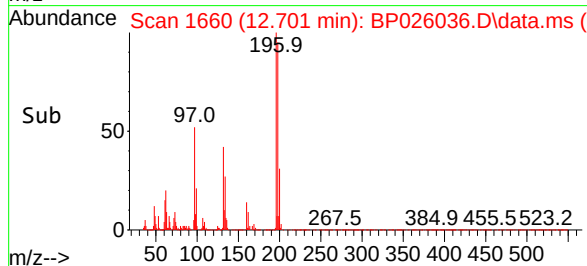
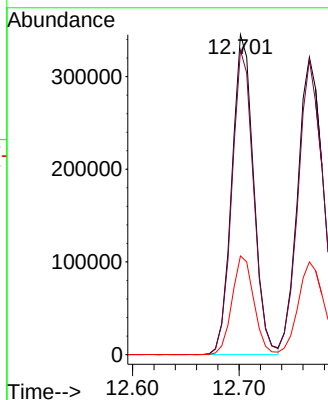
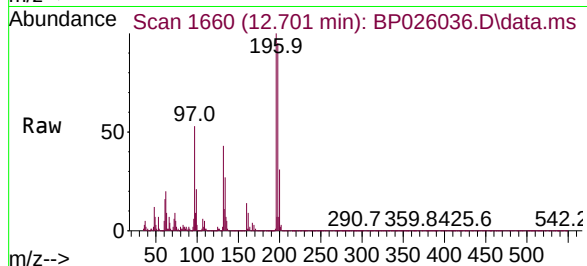
200 30.8 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#44

2,4,5-Trichlorophenol

Concen: 35.326 ng

RT: 12.766 min Scan# 1671

Delta R.T. -0.029 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion:196 Resp: 543516

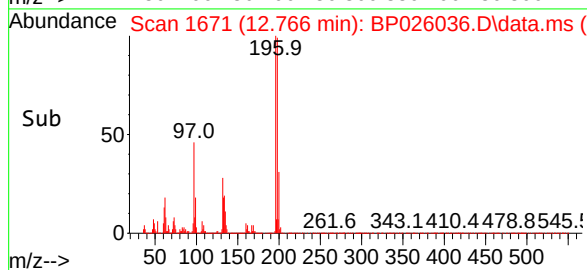
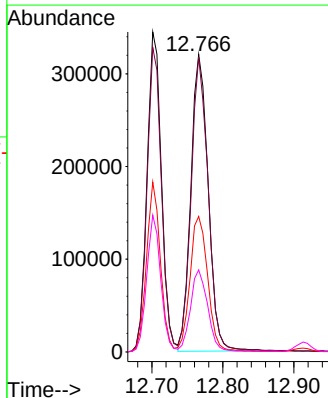
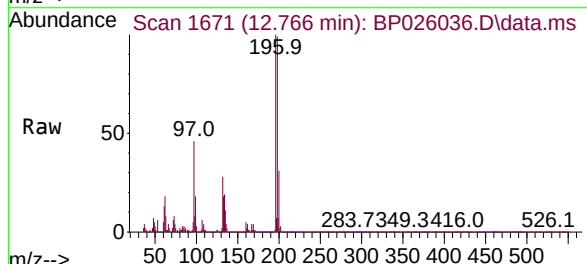
Ion Ratio Lower Upper

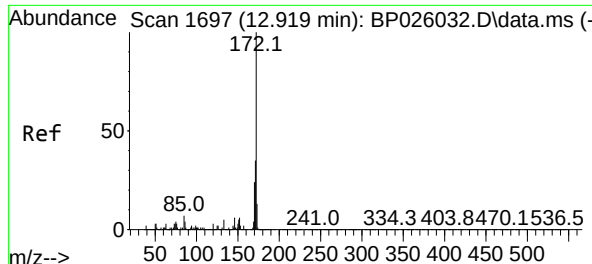
196 100

198 99.1 75.1 112.7

97 45.5 35.5 53.3

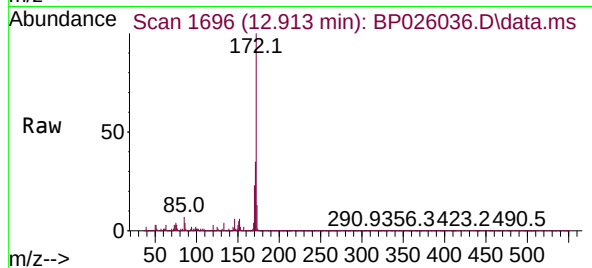
132 27.6 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 67.037 ng
RT: 12.913 min Scan# 1697
Delta R.T. -0.018 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

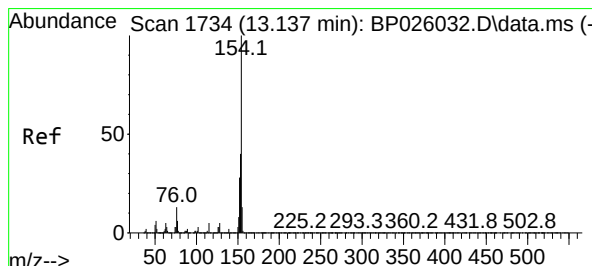
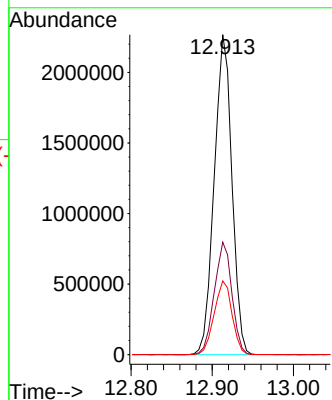
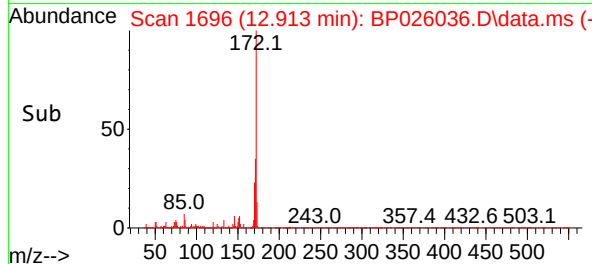
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:172 Resp: 342517
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.0 19.0 28.4

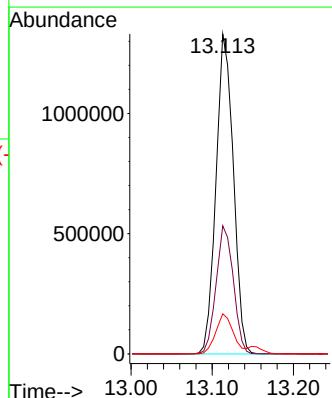
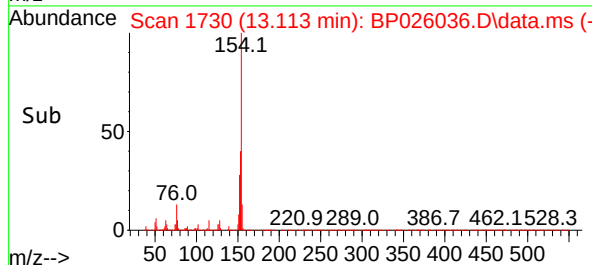
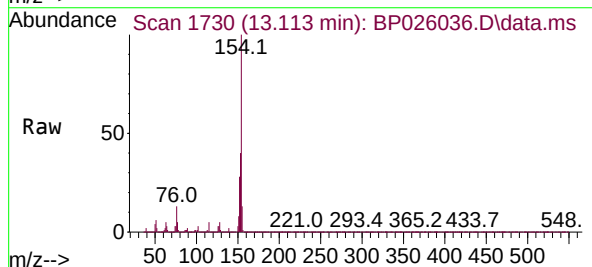
Manual Integrations
APPROVED

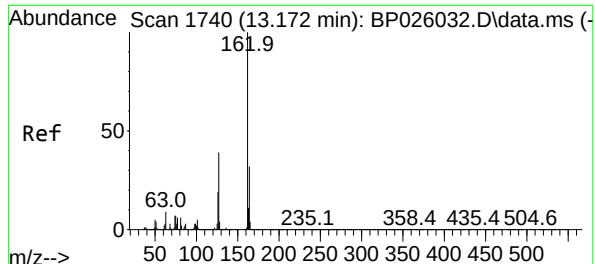
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#46
1,1'-Biphenyl
Concen: 35.073 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.023 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

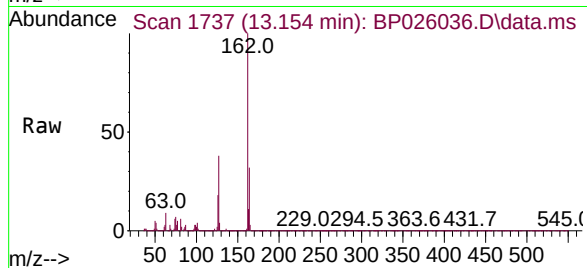
Tgt Ion:154 Resp: 1971667
Ion Ratio Lower Upper
154 100
153 40.0 20.2 60.2
76 12.5 0.0 32.8





#47
2-Chloronaphthalene
Concen: 33.277 ng
RT: 13.154 min Scan# 1737
Delta R.T. -0.018 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

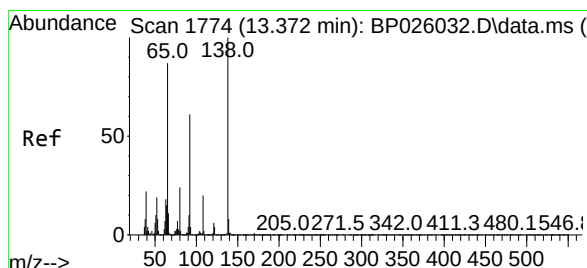
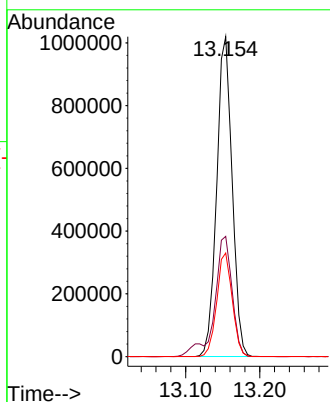
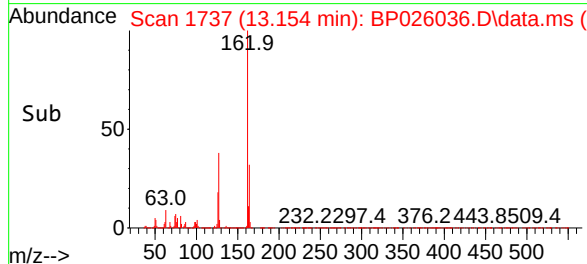
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



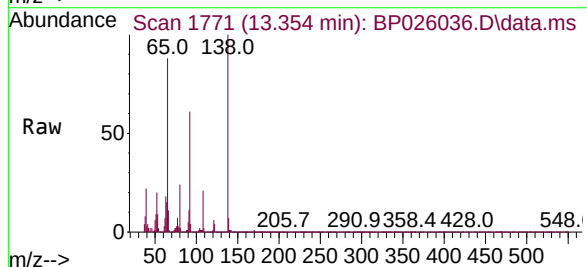
Tgt Ion:162 Resp: 1471874
Ion Ratio Lower Upper
162 100
127 37.6 31.4 47.2
164 32.4 25.9 38.9

Manual Integrations
APPROVED

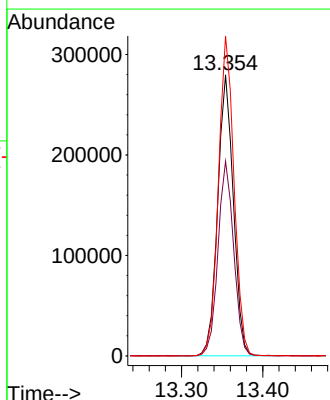
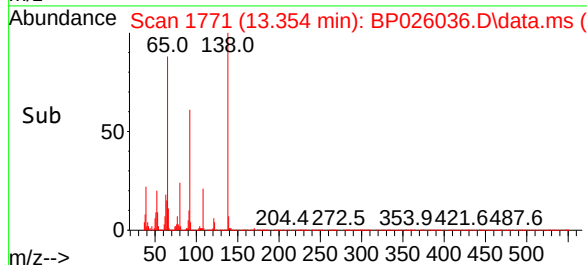
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025

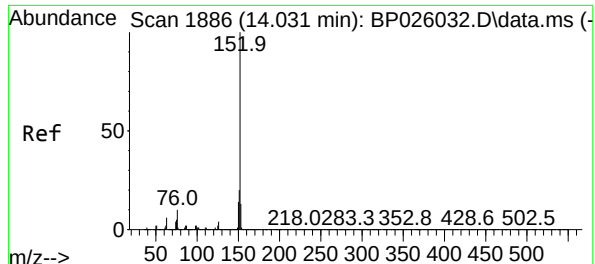


#48
2-Nitroaniline
Concen: 33.821 ng
RT: 13.354 min Scan# 1771
Delta R.T. -0.024 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09



Tgt Ion: 65 Resp: 374554
Ion Ratio Lower Upper
65 100
92 69.2 55.5 83.3
138 113.8 91.7 137.5





#49
Acenaphthylene
Concen: 38.923 ng
RT: 14.031 min Scan# 1886
Delta R.T. -0.005 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

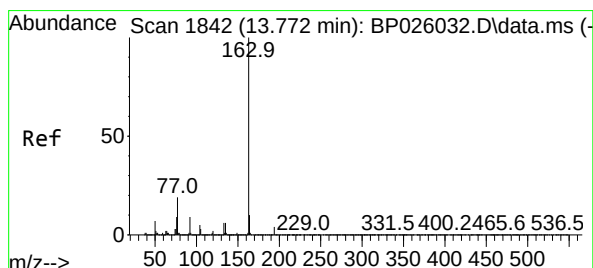
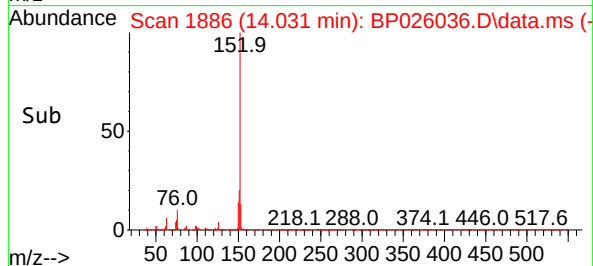
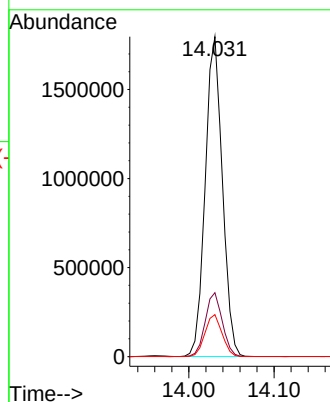
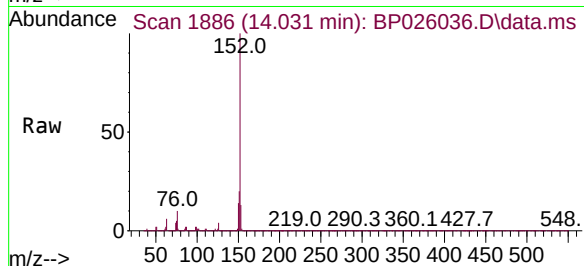
ICVBP102925

Tgt Ion:152 Resp: 2509218
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.1 10.6 16.0

Manual Integrations

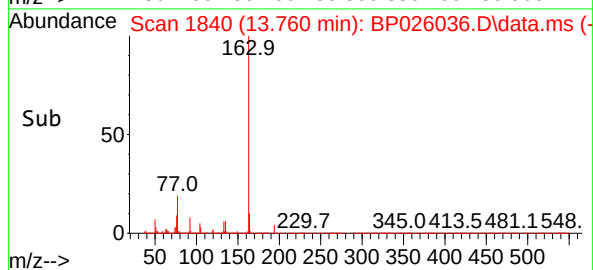
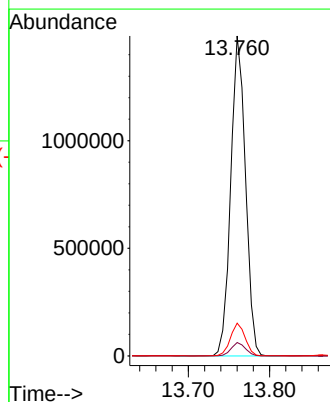
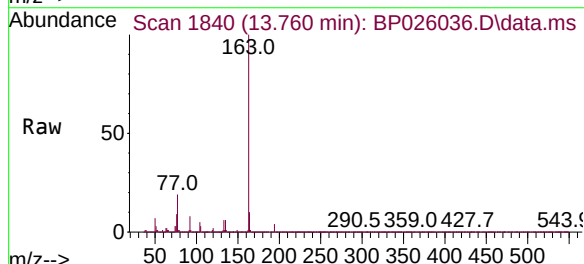
APPROVED

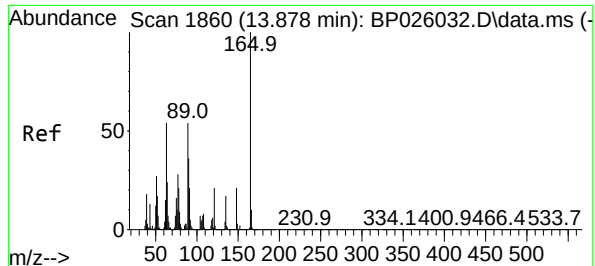
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#50
Dimethylphthalate
Concen: 35.112 ng
RT: 13.760 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

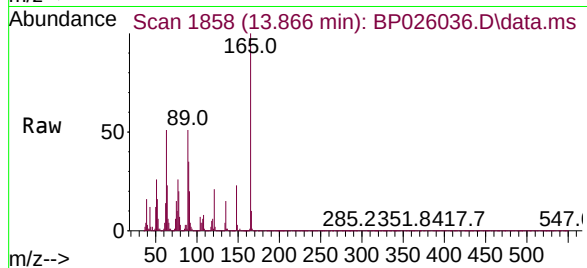
Tgt Ion:163 Resp: 1875076
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 37.528 ng
RT: 13.866 min Scan# 1860
Delta R.T. -0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

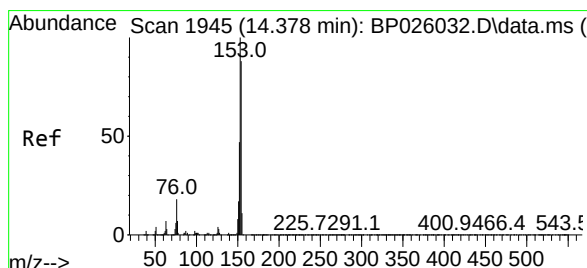
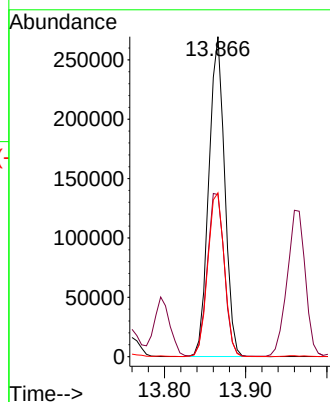
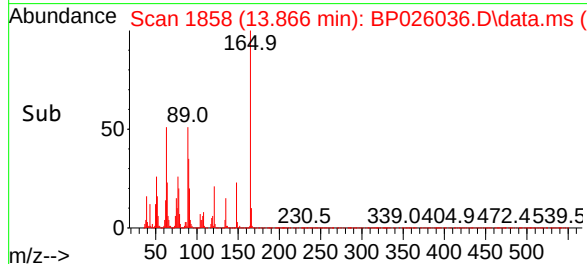
Instrument :
BNA_P
Client Sample Id :
ICVBP102925



Tgt Ion:165 Resp: 367251
Ion Ratio Lower Upper
165 100
63 50.6 43.0 64.4
89 51.2 43.0 64.4

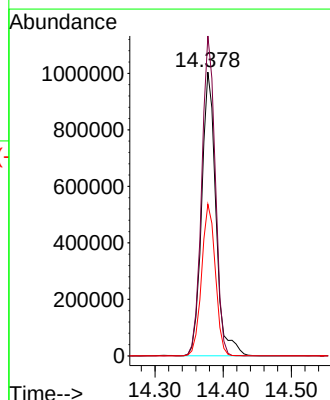
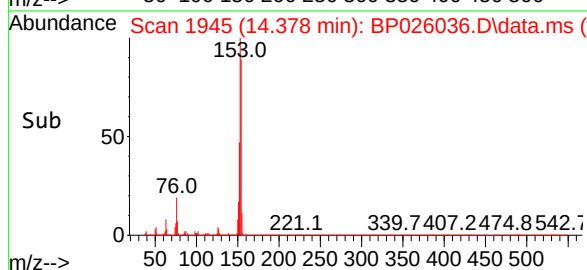
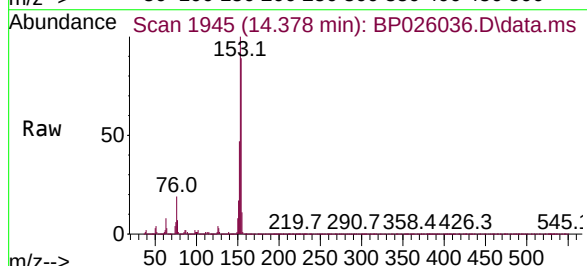
Manual Integrations
APPROVED

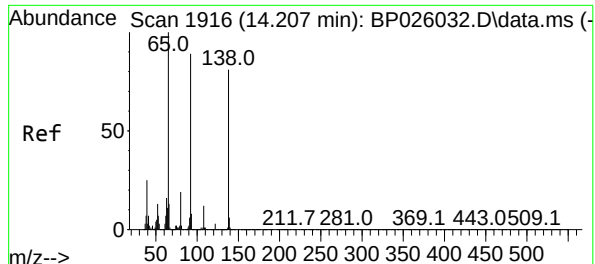
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#52
Acenaphthene
Concen: 32.961 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

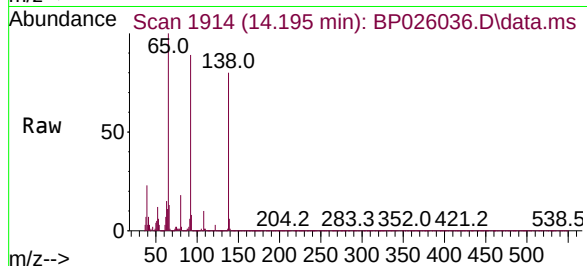
Tgt Ion:154 Resp: 1458746
Ion Ratio Lower Upper
154 100
153 112.7 91.0 136.4
152 53.4 42.7 64.1





#53
3-Nitroaniline
Concen: 36.037 ng
RT: 14.195 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

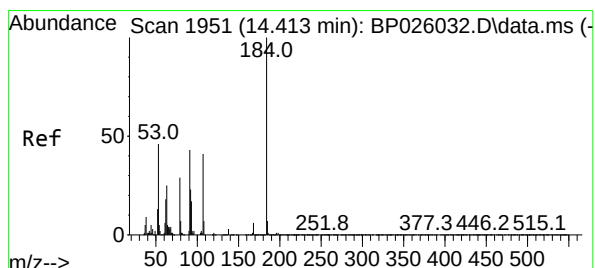
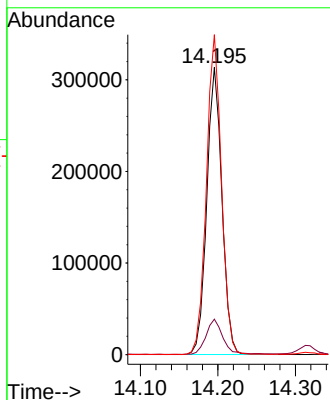
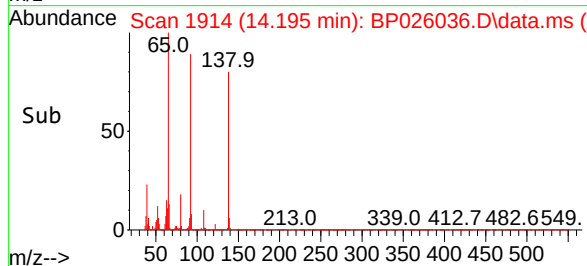
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:138 Resp: 425192
Ion Ratio Lower Upper
138 100
108 12.3 11.4 17.0
92 111.4 87.1 130.7

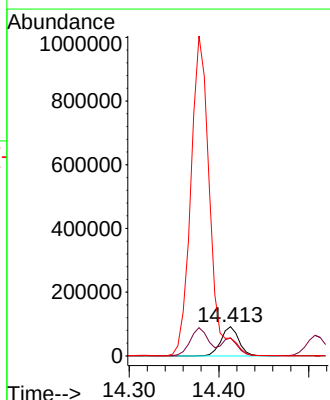
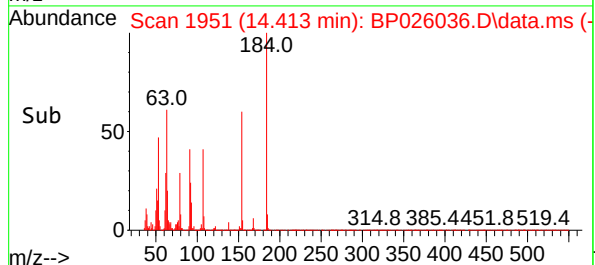
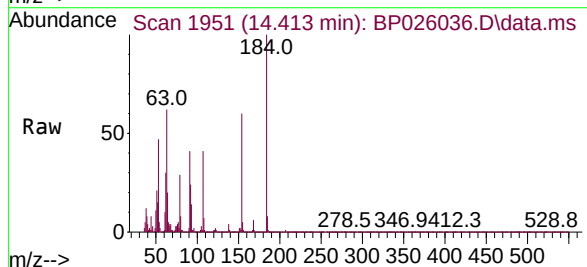
Manual Integrations
APPROVED

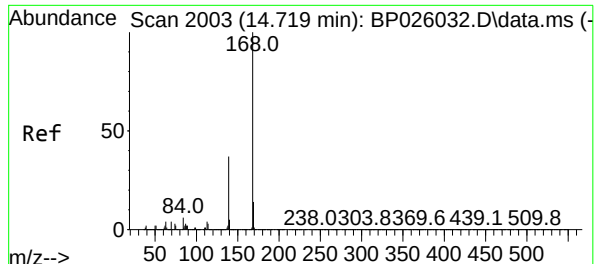
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#54
2,4-Dinitrophenol
Concen: 36.040 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:184 Resp: 126516
Ion Ratio Lower Upper
184 100
63 61.6 49.0 73.4
154 60.3 51.0 76.6





#55

Dibenzenofuran

Concen: 33.938 ng

RT: 14.719 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:168 Resp: 2269310

Ion Ratio Lower Upper

168 100

139 36.5 29.7 44.5

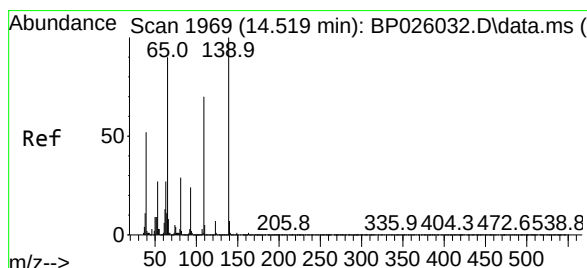
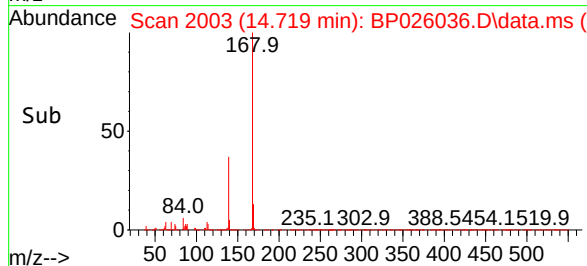
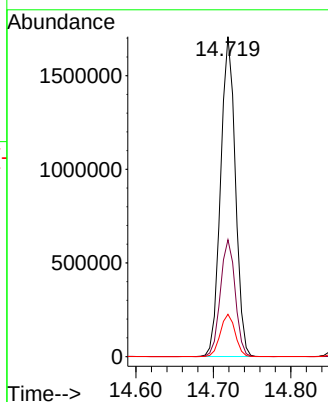
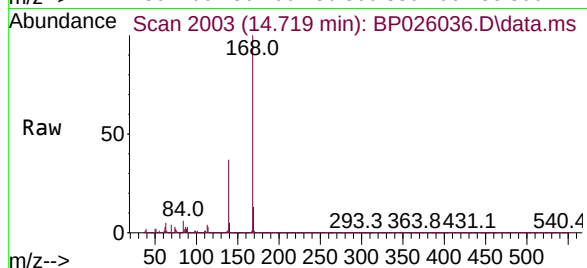
169 13.2 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#56

4-Nitrophenol

Concen: 32.703 ng

RT: 14.507 min Scan# 1967

Delta R.T. -0.012 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

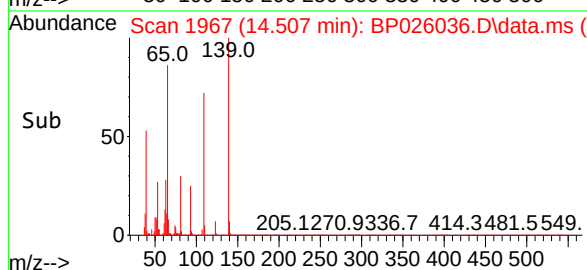
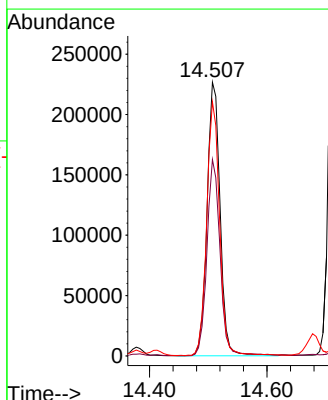
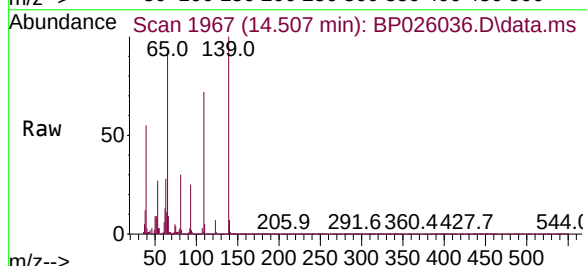
Tgt Ion:139 Resp: 348249

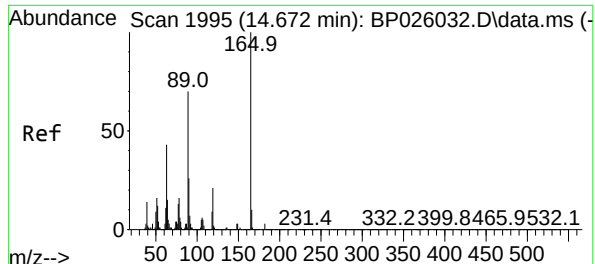
Ion Ratio Lower Upper

139 100

109 71.7 50.0 90.0

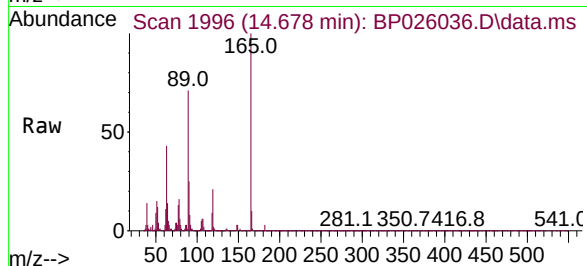
65 92.8 69.6 109.6





#57
2,4-Dinitrotoluene
Concen: 35.013 ng
RT: 14.678 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

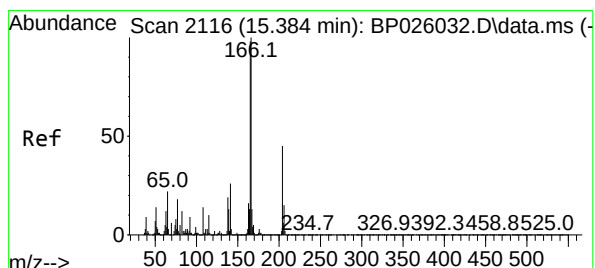
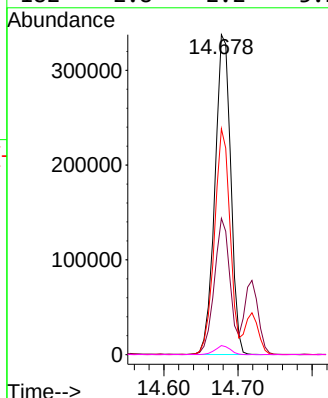
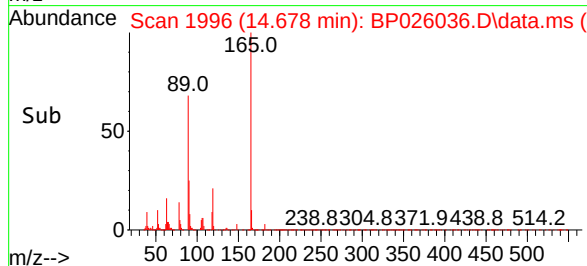
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:165 Resp: 499801
Ion Ratio Lower Upper
165 100
63 42.6 34.2 51.2
89 70.6 56.0 84.0
182 2.8 2.2 3.2

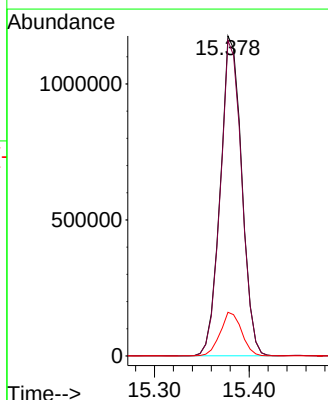
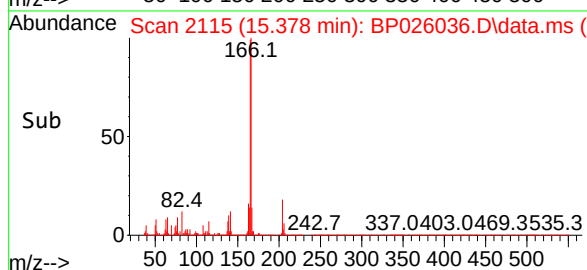
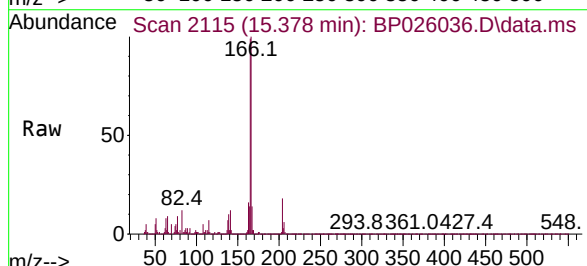
Manual Integrations
APPROVED

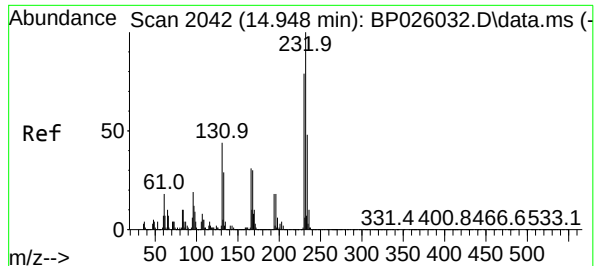
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#58
Fluorene
Concen: 35.342 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

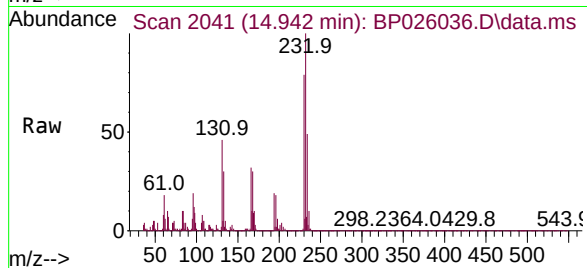
Tgt Ion:166 Resp: 1851395
Ion Ratio Lower Upper
166 100
165 98.6 78.1 117.1
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.197 ng
RT: 14.942 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

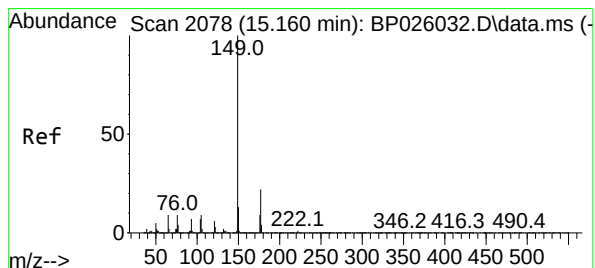
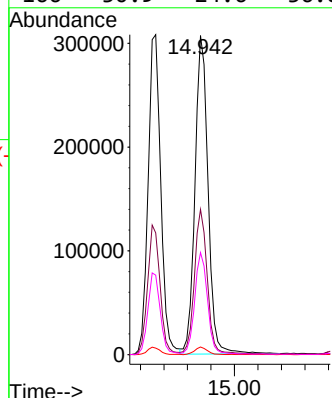
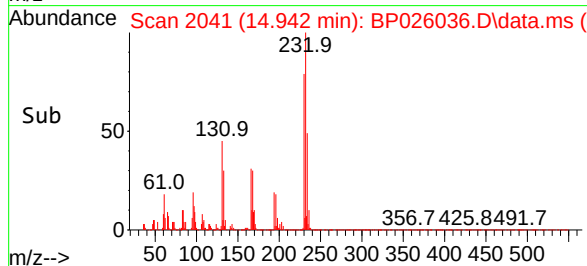
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:232 Resp: 474164
Ion Ratio Lower Upper
232 100
131 45.1 35.2 52.8
130 2.3 1.7 2.5
166 30.9 24.6 36.8

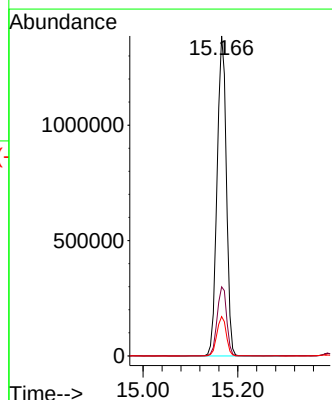
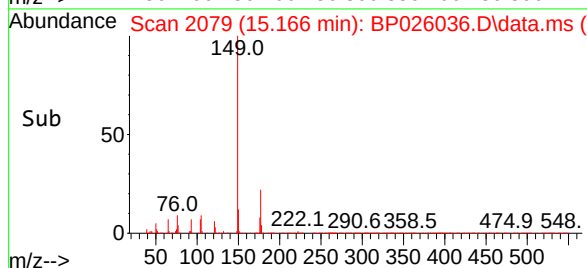
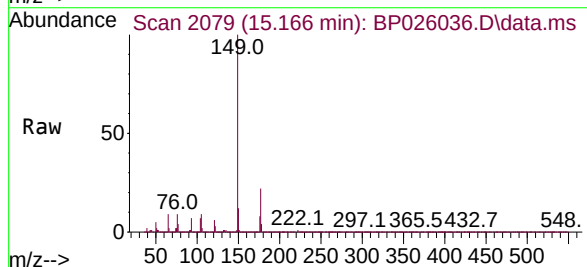
Manual Integrations
APPROVED

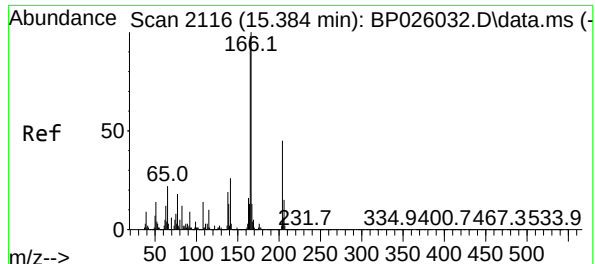
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#60
Diethylphthalate
Concen: 35.015 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

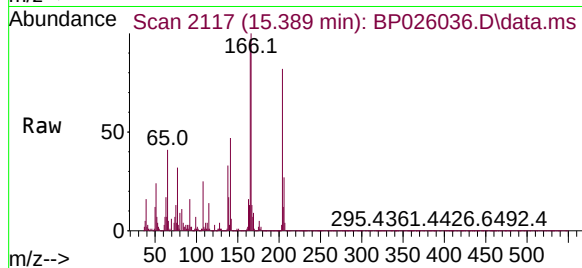
Tgt Ion:149 Resp: 1879900
Ion Ratio Lower Upper
149 100
177 21.6 17.9 26.9
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 33.928 ng
RT: 15.389 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

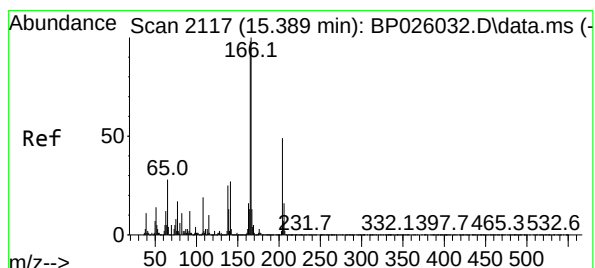
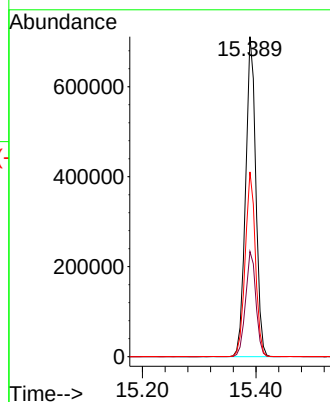
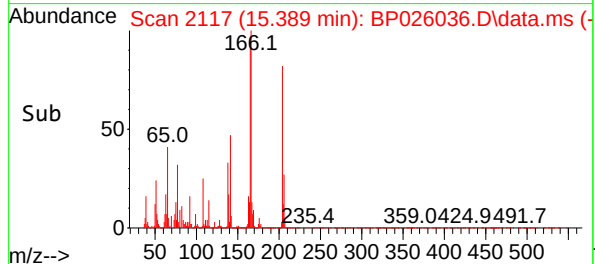
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:204 Resp: 887559
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 57.7 47.0 70.4

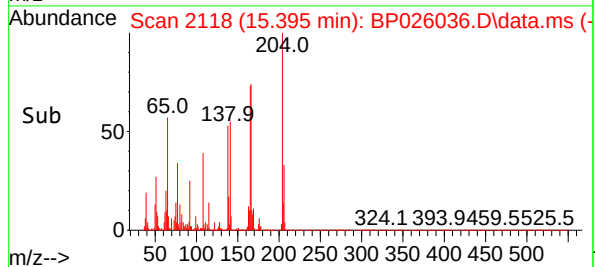
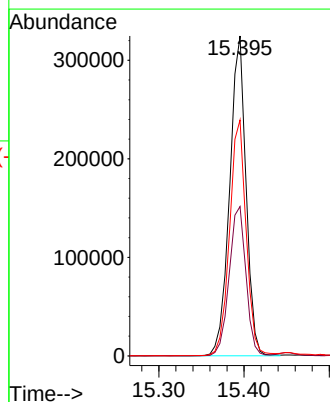
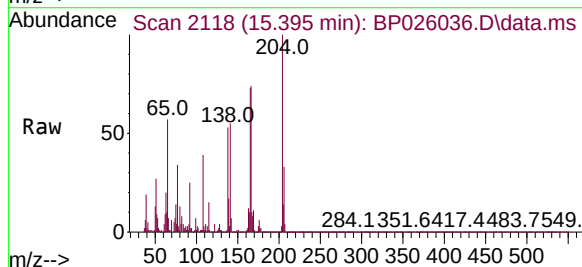
Manual Integrations
APPROVED

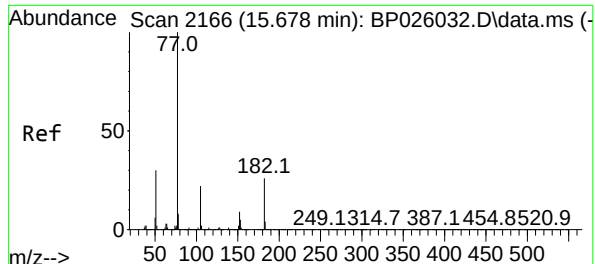
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#62
4-Nitroaniline
Concen: 37.891 ng
RT: 15.395 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

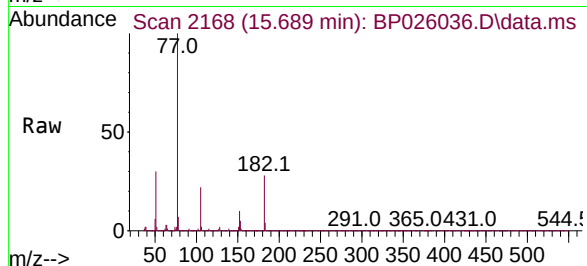
Tgt Ion:138 Resp: 432391
Ion Ratio Lower Upper
138 100
92 46.7 28.2 68.2
108 73.7 56.0 96.0





#63
Azobenzene
Concen: 35.051 ng
RT: 15.689 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

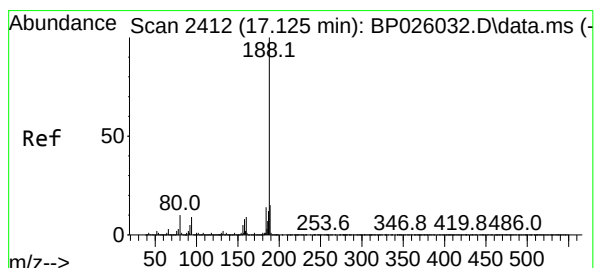
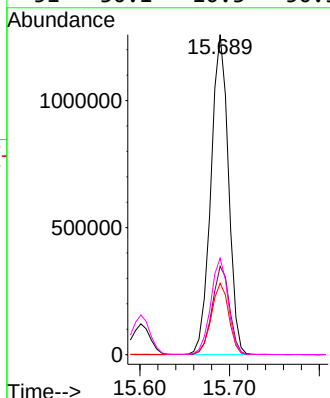
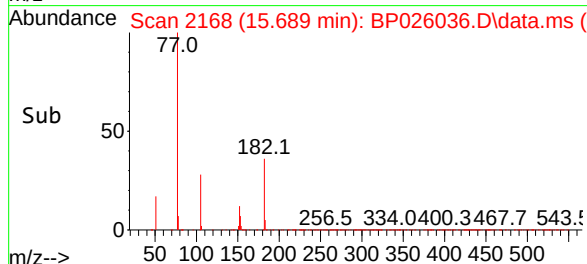
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion: 77 Resp: 1705483
Ion Ratio Lower Upper
77 100
182 27.6 6.4 46.4
105 22.3 2.2 42.2
51 30.1 10.3 50.3

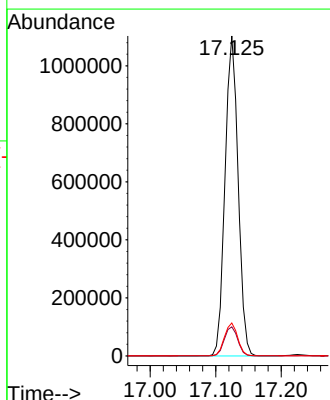
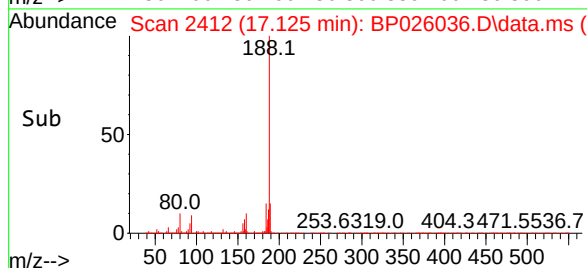
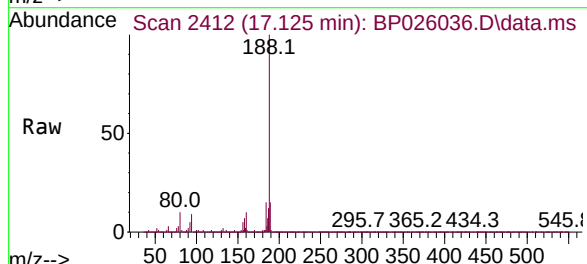
Manual Integrations
APPROVED

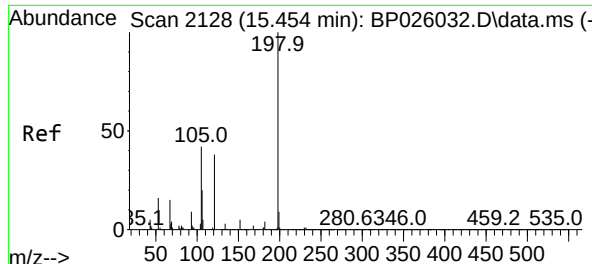
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:188 Resp: 1529844
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 10.3 7.9 11.9





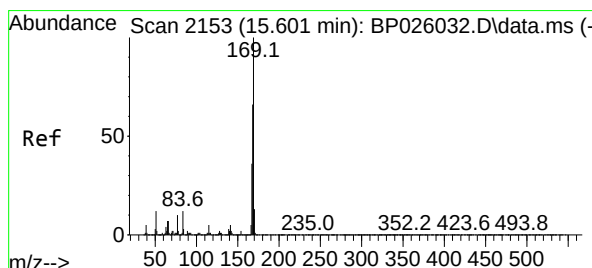
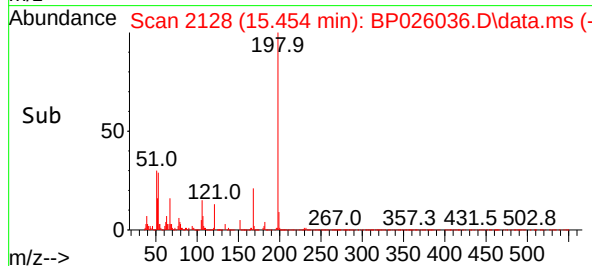
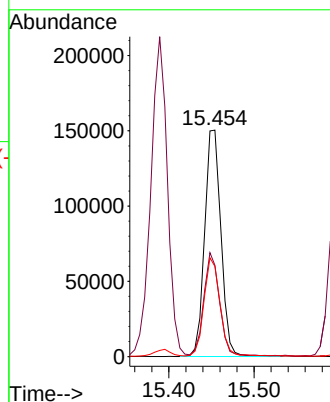
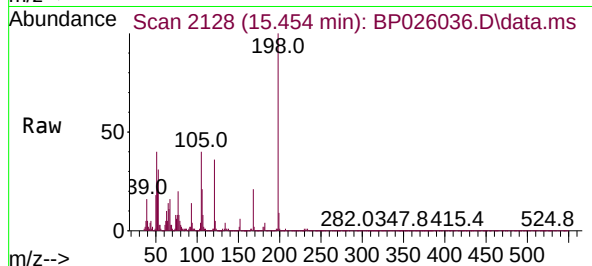
#65
4,6-Dinitro-2-methylphenol
Concen: 35.409 ng
RT: 15.454 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion:198 Resp: 200079
Ion Ratio Lower Upper
198 100
51 40.3 25.2 65.2
105 39.8 23.7 63.7

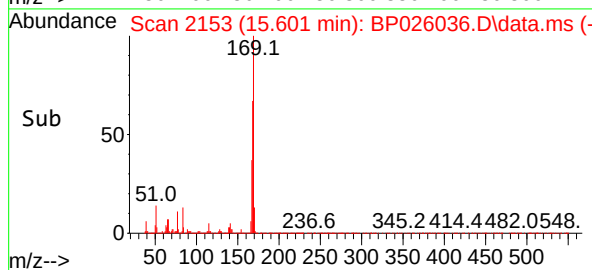
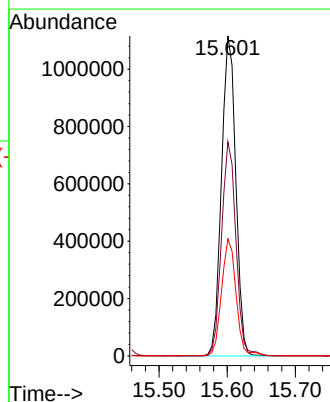
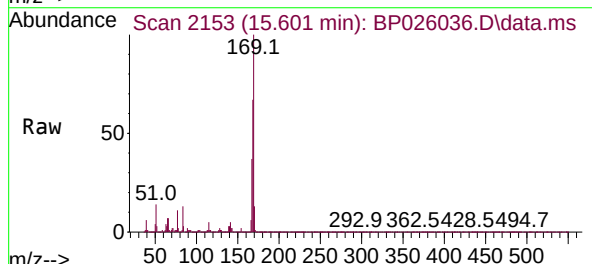
Manual Integrations
APPROVED

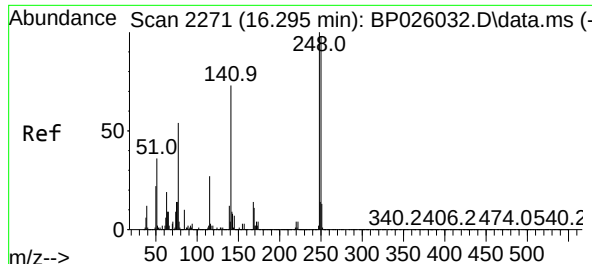
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#66
n-Nitrosodiphenylamine
Concen: 33.661 ng
RT: 15.601 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:169 Resp: 1610105
Ion Ratio Lower Upper
169 100
168 66.9 52.9 79.3
167 36.5 28.9 43.3





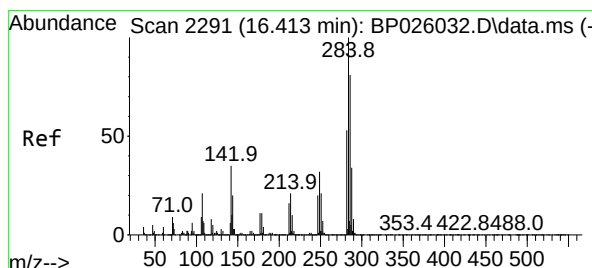
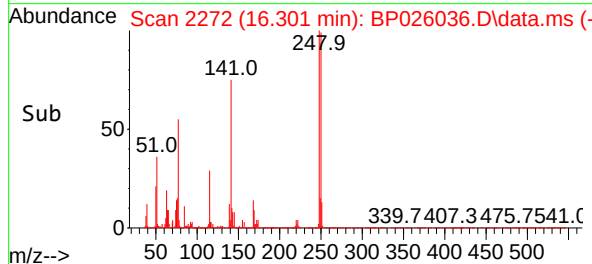
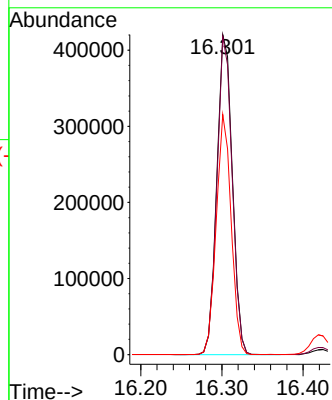
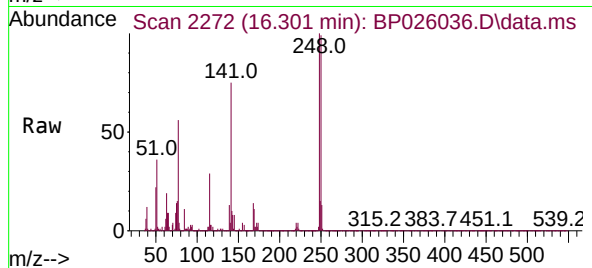
#67
4-Bromophenyl-phenylether
Concen: 32.800 ng
RT: 16.301 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Tgt Ion:248 Resp: 55662
Ion Ratio Lower Upper
248 100
250 99.4 78.4 117.6
141 75.0 58.3 87.5

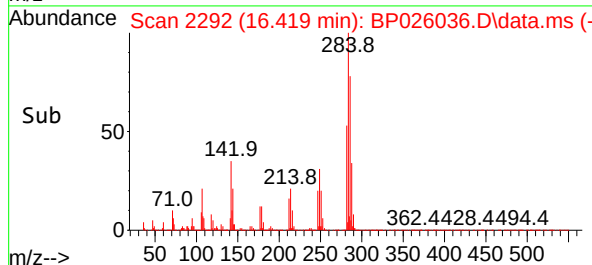
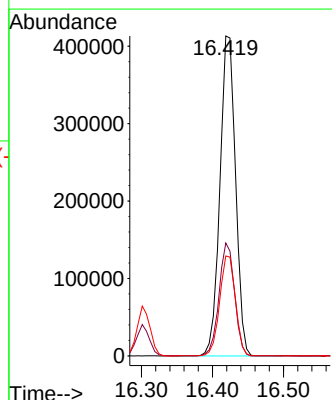
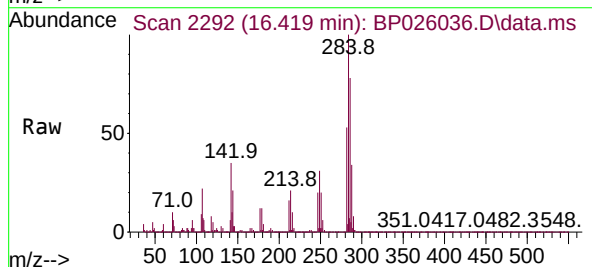
Manual Integrations
APPROVED

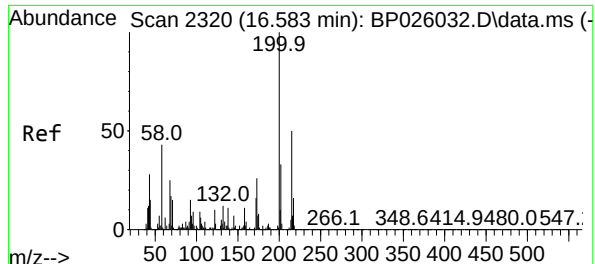
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#68
Hexachlorobenzene
Concen: 32.804 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:284 Resp: 633716
Ion Ratio Lower Upper
284 100
142 35.3 27.7 41.5
249 31.2 25.5 38.3





#69

Atrazine

Concen: 37.108 ng

RT: 16.583 min Scan# 2320

Delta R.T. 0.000 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:200 Resp: 598775

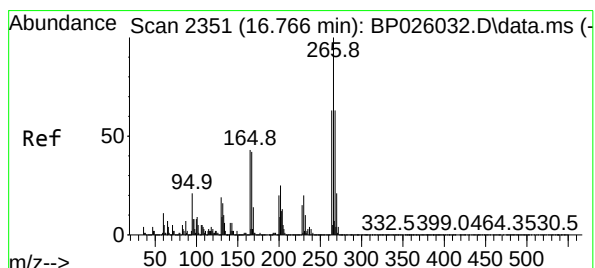
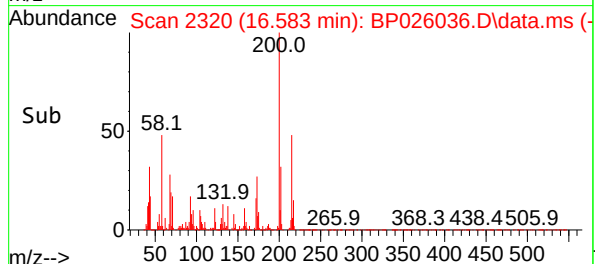
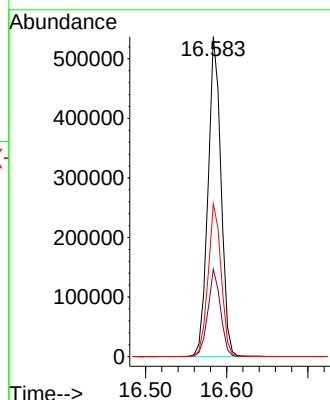
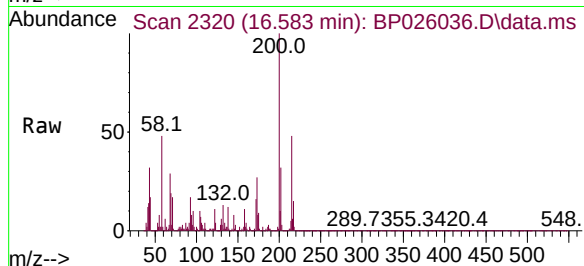
Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.2	46.2
215	47.7	29.8	69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#70

Pentachlorophenol

Concen: 33.716 ng

RT: 16.760 min Scan# 2350

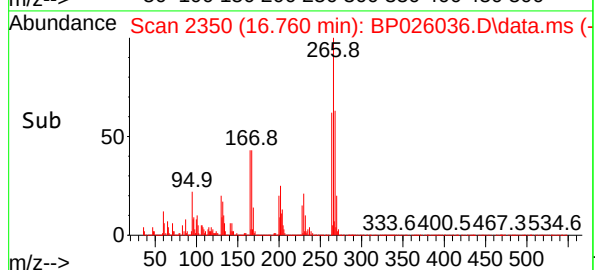
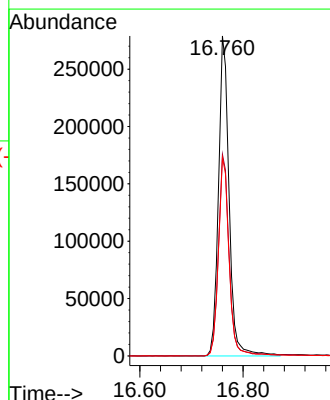
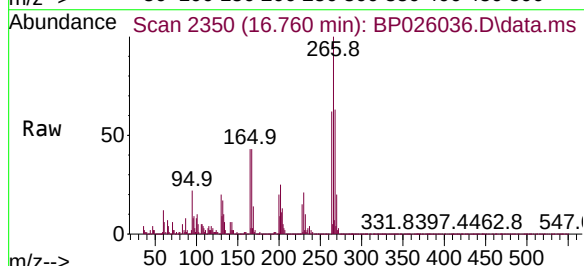
Delta R.T. -0.006 min

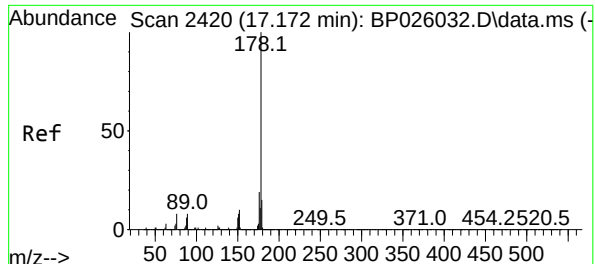
Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Tgt Ion:266 Resp: 397848

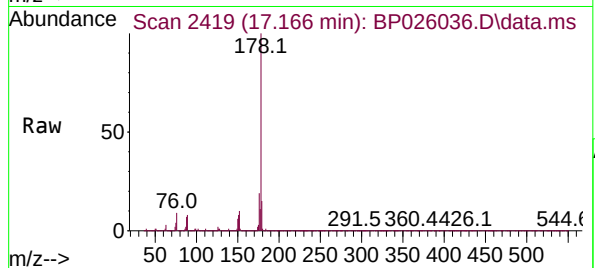
Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.6	76.0
264	62.1	50.2	75.4





#71
Phenanthrene
Concen: 32.726 ng
RT: 17.166 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

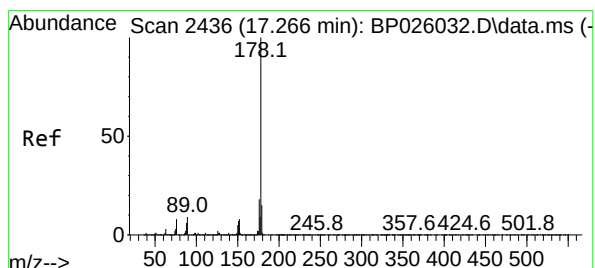
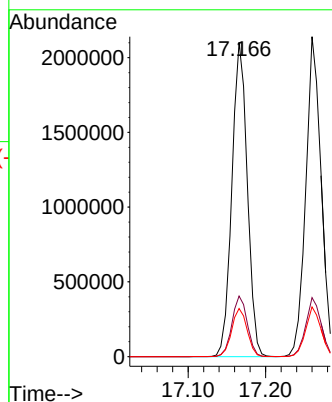
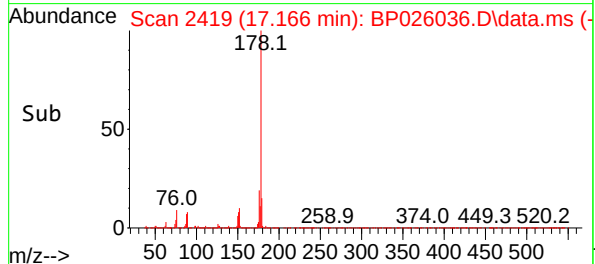
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:178 Resp: 2914044
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.3 12.3 18.5

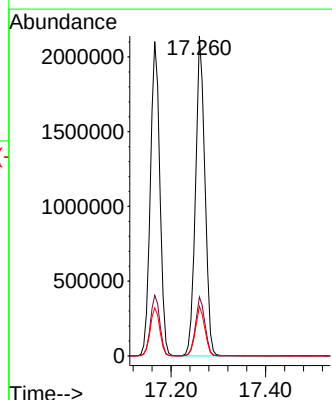
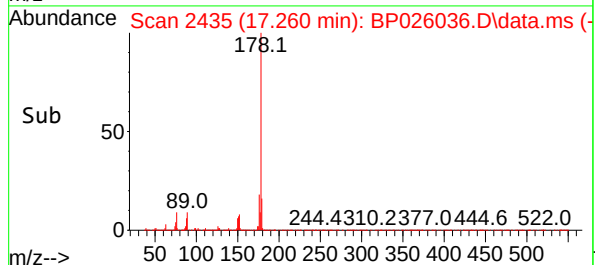
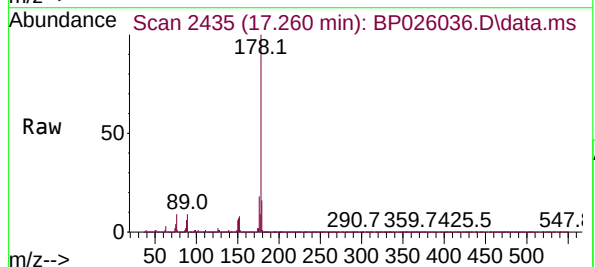
Manual Integrations
APPROVED

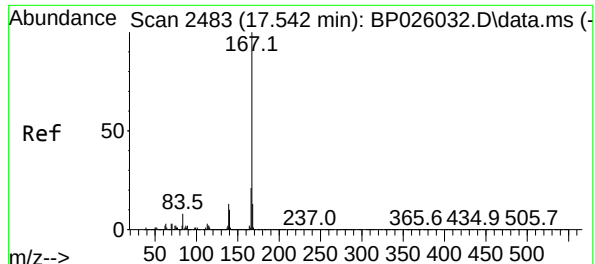
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#72
Anthracene
Concen: 33.409 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

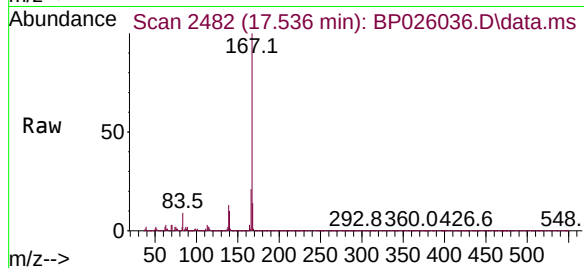
Tgt Ion:178 Resp: 2948850
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.5 12.2 18.4





#73
Carbazole
Concen: 33.421 ng
RT: 17.536 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

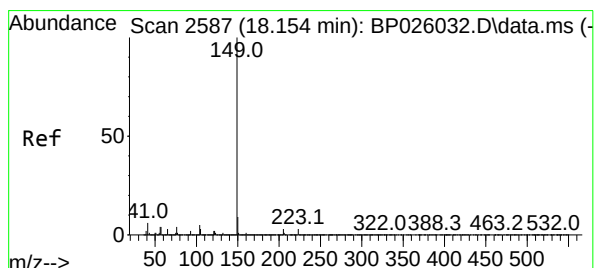
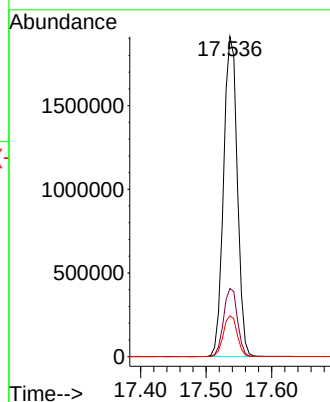
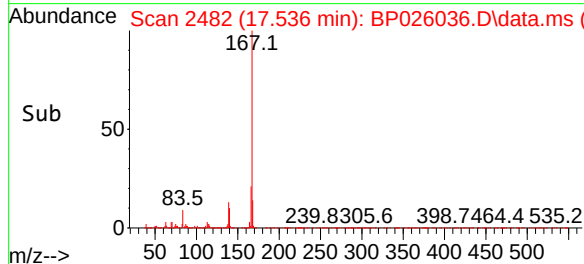
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:167 Resp: 2792407
Ion Ratio Lower Upper
167 100
166 21.3 17.1 25.7
139 12.7 10.2 15.2

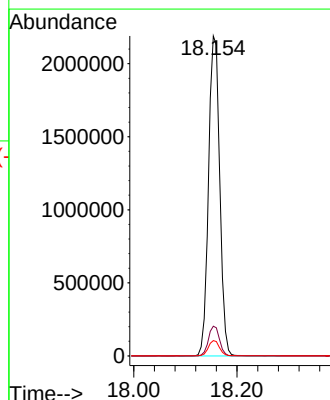
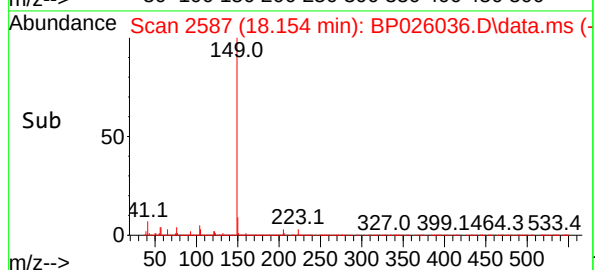
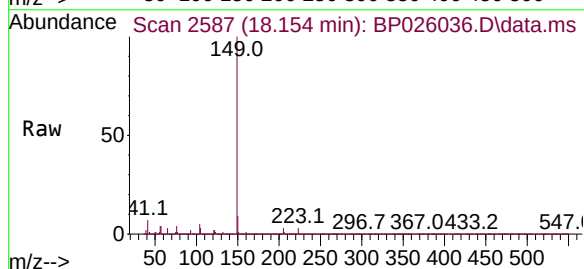
Manual Integrations
APPROVED

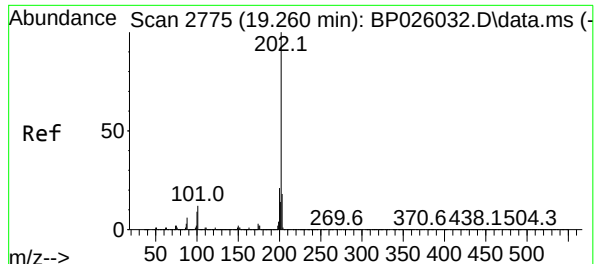
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#74
Di-n-butylphthalate
Concen: 35.126 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

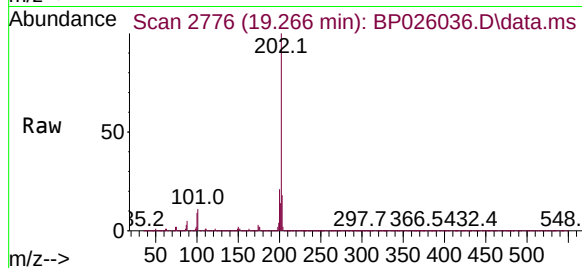
Tgt Ion:149 Resp: 3284045
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.8 3.8 5.6





#75
Fluoranthene
Concen: 33.126 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

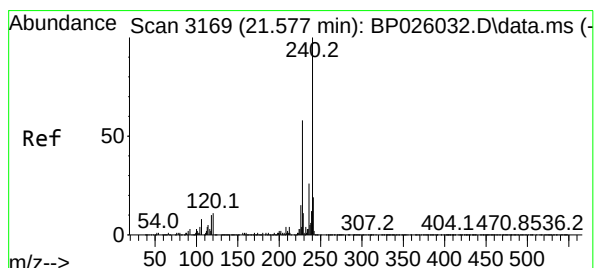
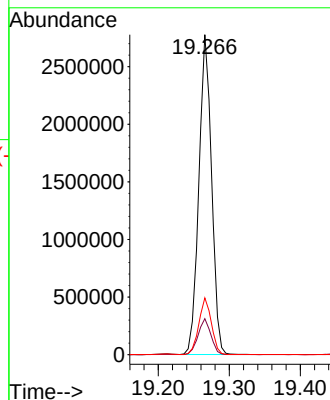
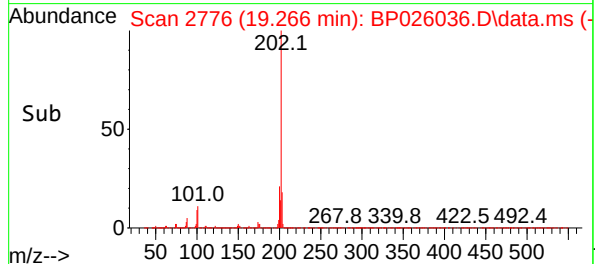
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:202 Resp: 3440878
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.1
203 17.7 0.0 37.6

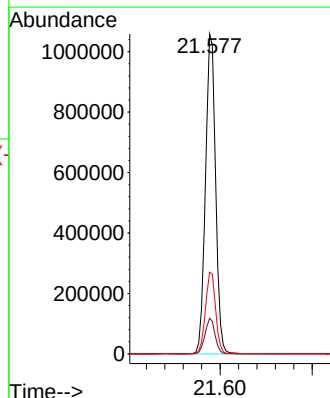
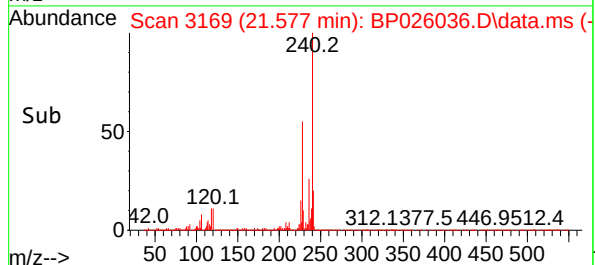
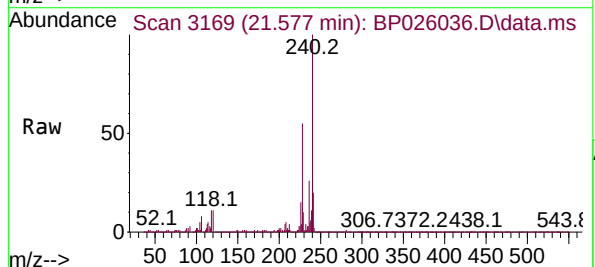
Manual Integrations
APPROVED

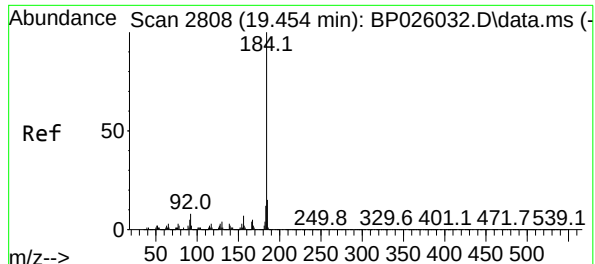
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

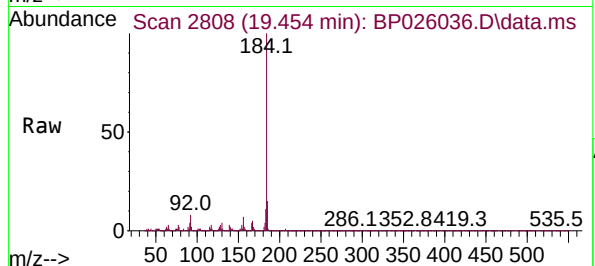
Tgt Ion:240 Resp: 1603754
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.5 20.6 31.0





#77
Benzidine
Concen: 48.151 ng
RT: 19.454 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

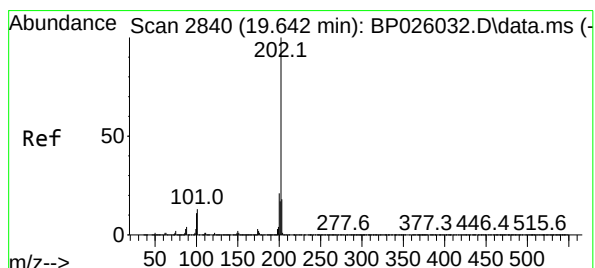
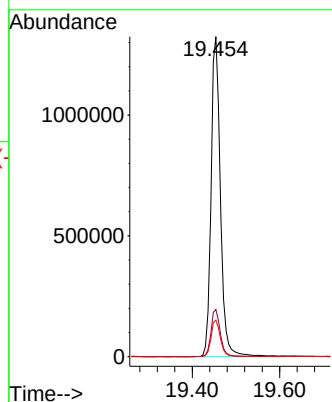
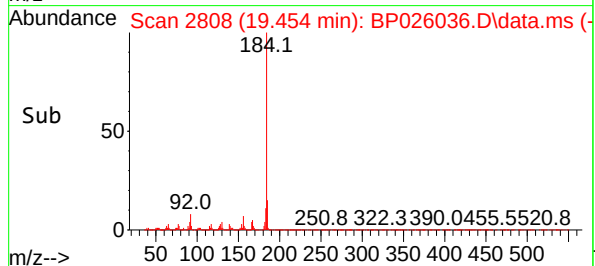
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:184 Resp: 1960099
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 11.4 9.2 13.8

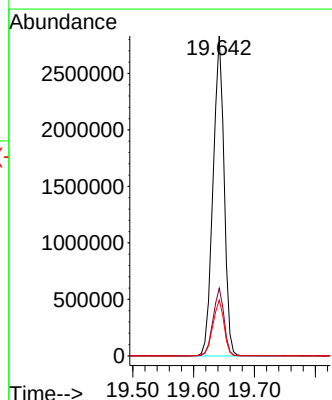
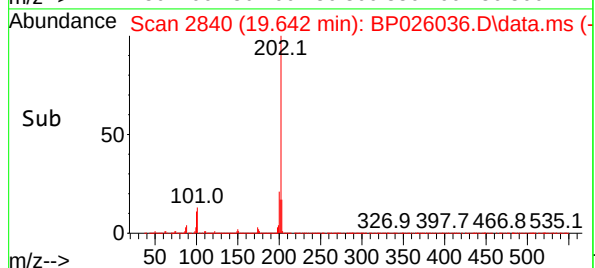
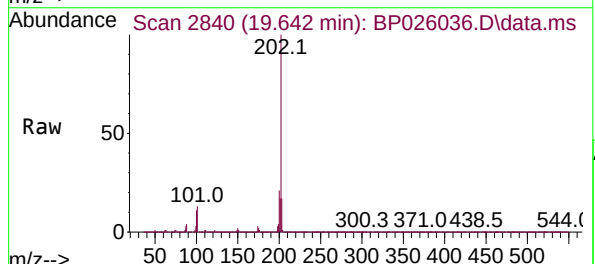
Manual Integrations
APPROVED

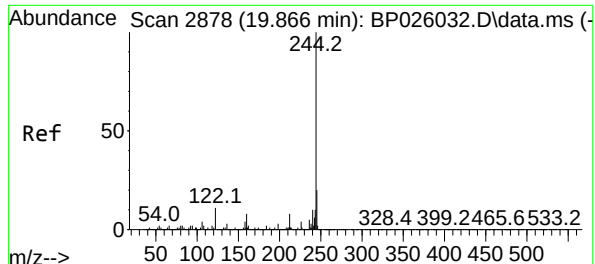
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#78
Pyrene
Concen: 32.912 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

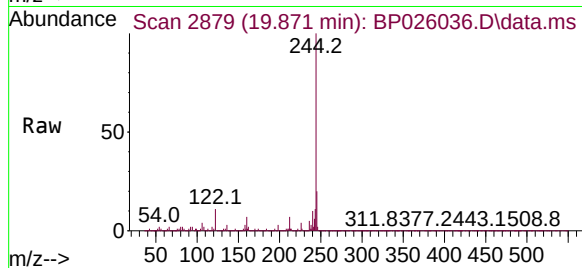
Tgt Ion:202 Resp: 3569948
Ion Ratio Lower Upper
202 100
200 21.2 16.6 25.0
203 17.4 14.0 21.0





#79
 Terphenyl-d14
 Concen: 67.515 ng
 RT: 19.871 min Scan# 2879
 Delta R.T. 0.006 min
 Lab File: BP026036.D
 Acq: 29 Oct 2025 16:09

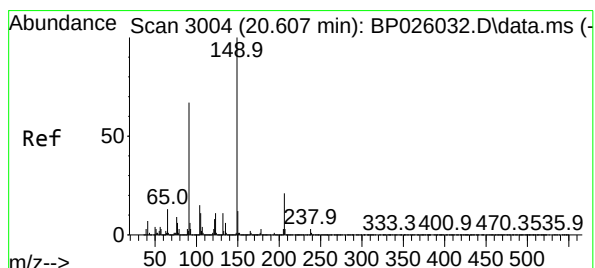
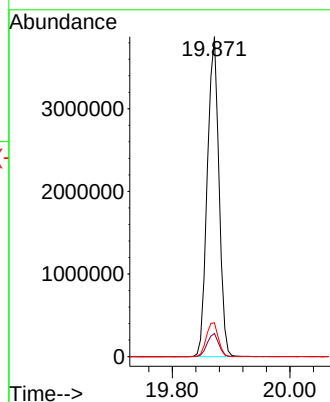
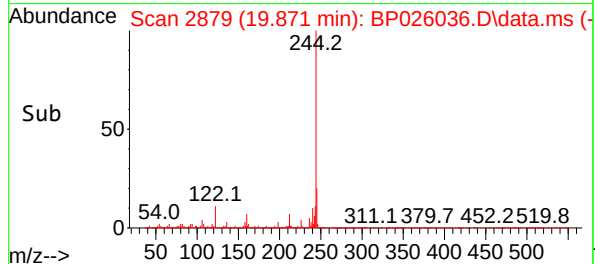
Instrument :
 BNA_P
 ClientSampleId :
 ICVBP102925



Tgt Ion:244 Resp: 5329468
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.6 9.0 13.6

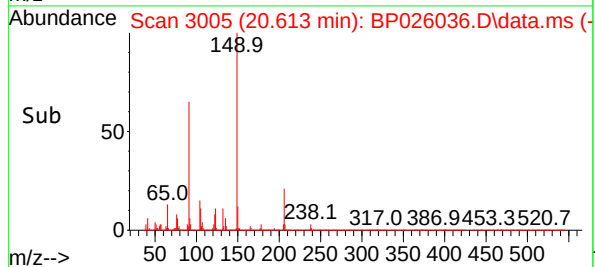
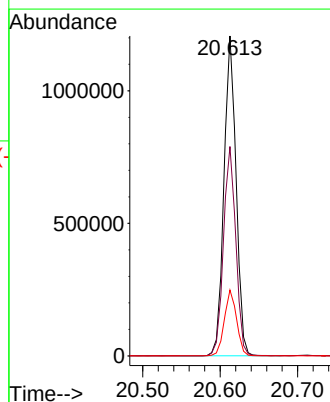
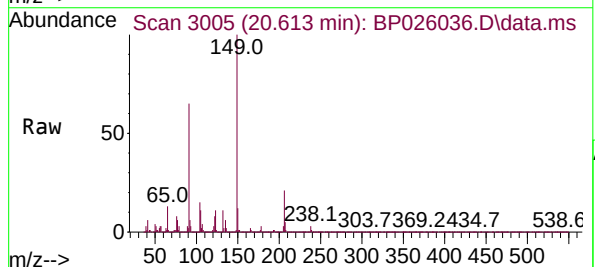
Manual Integrations
 APPROVED

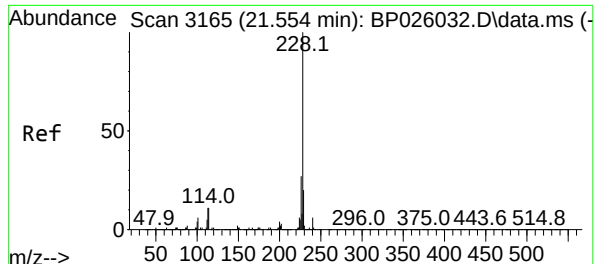
Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 11/04/2025



#80
 Butylbenzylphthalate
 Concen: 33.630 ng
 RT: 20.613 min Scan# 3005
 Delta R.T. 0.006 min
 Lab File: BP026036.D
 Acq: 29 Oct 2025 16:09

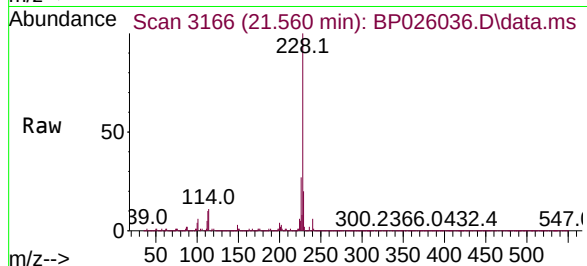
Tgt Ion:149 Resp: 1317625
 Ion Ratio Lower Upper
 149 100
 91 65.4 53.5 80.3
 206 20.6 16.6 25.0





#81
Benzo(a)anthracene
Concen: 33.052 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

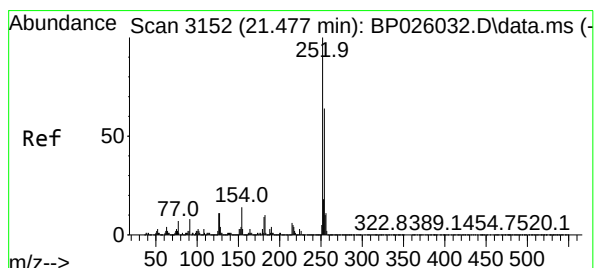
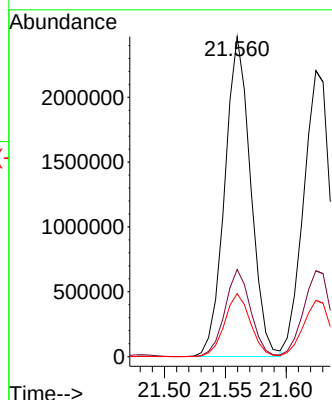
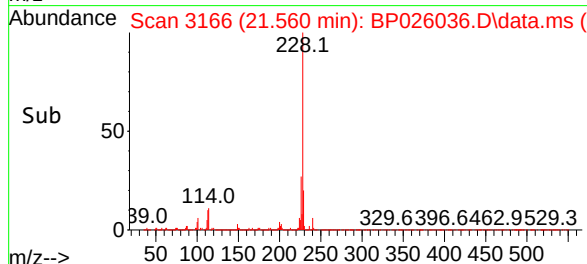
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:228 Resp: 3642485
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.7 15.8 23.8

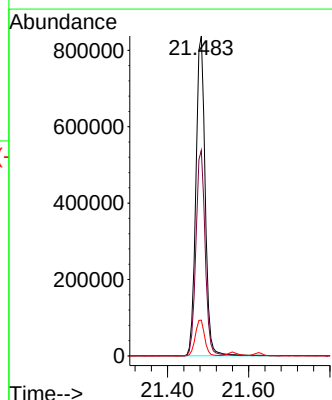
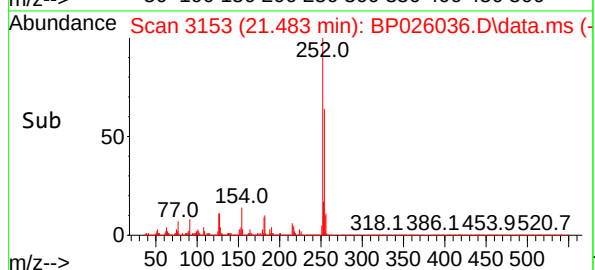
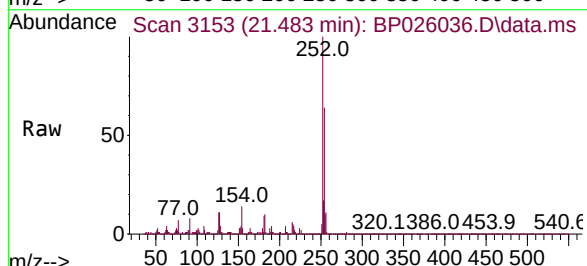
Manual Integrations
APPROVED

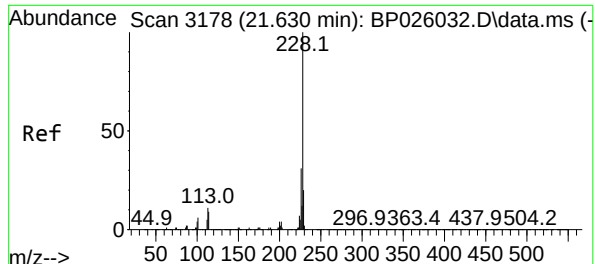
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#82
3,3'-Dichlorobenzidine
Concen: 37.253 ng
RT: 21.483 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion:252 Resp: 1322765
Ion Ratio Lower Upper
252 100
254 64.2 51.3 76.9
126 11.2 9.1 13.7





#83

Chrysene

Concen: 32.526 ng

RT: 21.624 min Scan# 3177

Delta R.T. 0.006 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:228 Resp: 3395520

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

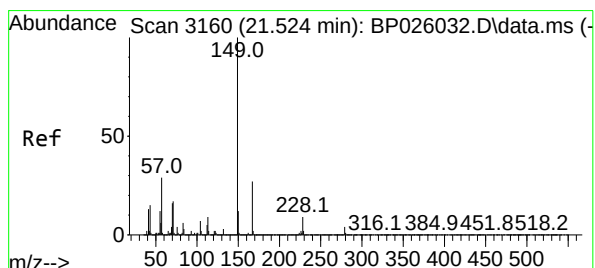
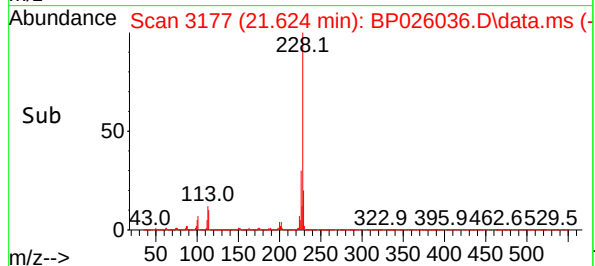
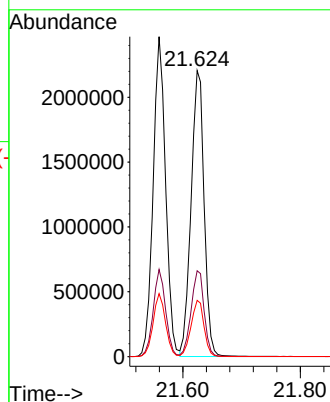
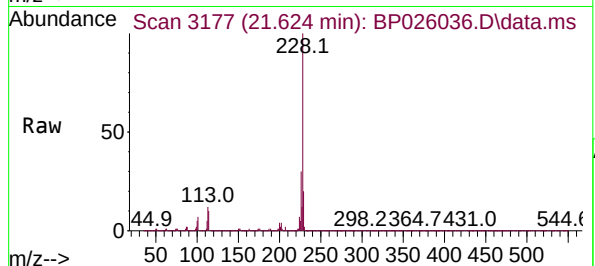
229 19.7 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.750 ng

RT: 21.530 min Scan# 3161

Delta R.T. 0.012 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

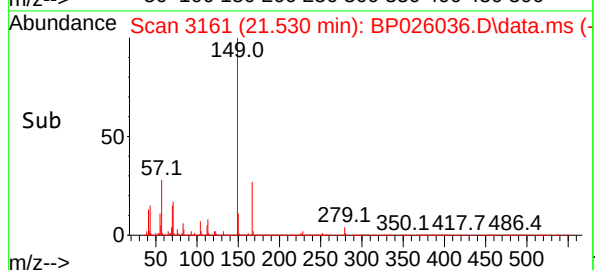
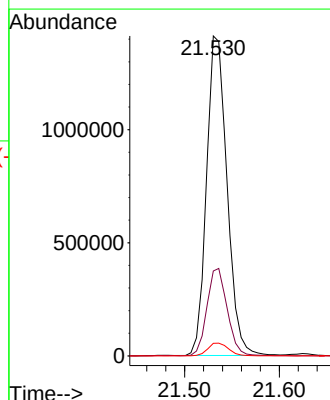
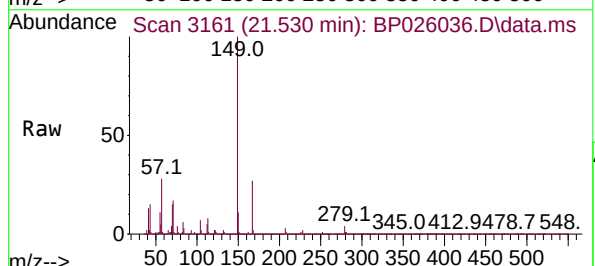
Tgt Ion:149 Resp: 2128720

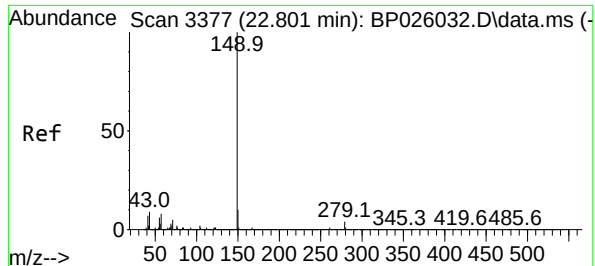
Ion Ratio Lower Upper

149 100

167 26.5 21.5 32.3

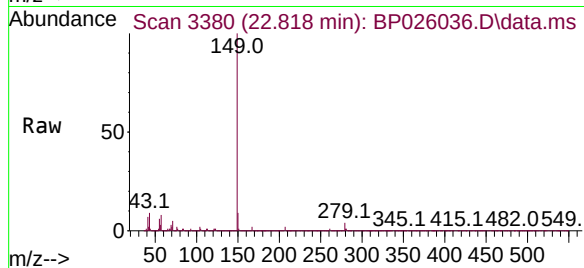
279 3.9 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 33.668 ng
RT: 22.818 min Scan# 3377
Delta R.T. 0.017 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

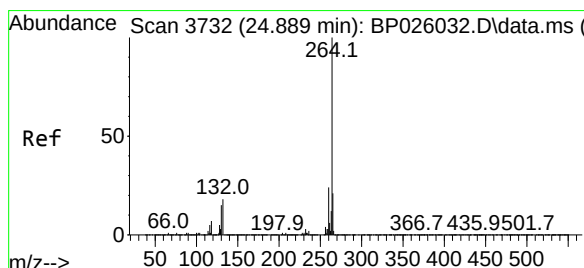
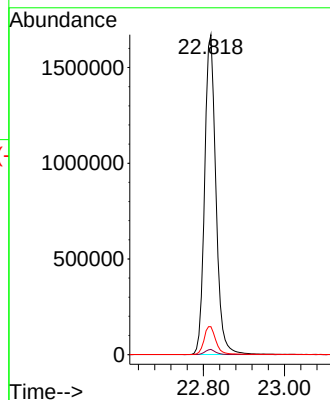
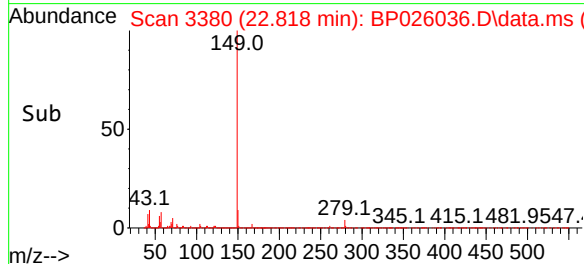
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion:149 Resp: 3214231
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.2 7.6 11.4

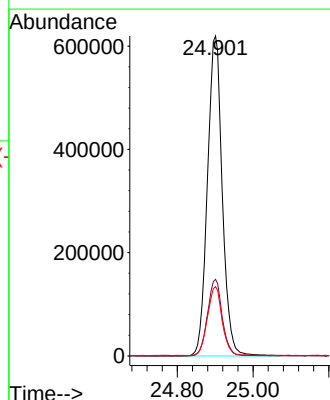
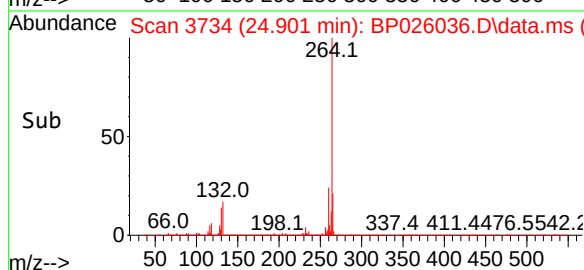
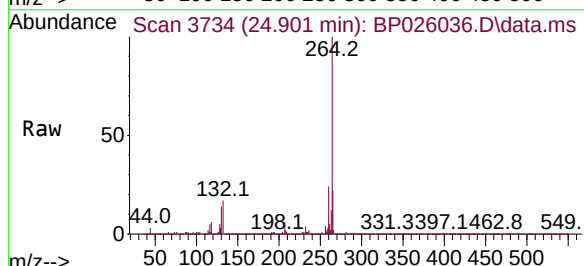
Manual Integrations
APPROVED

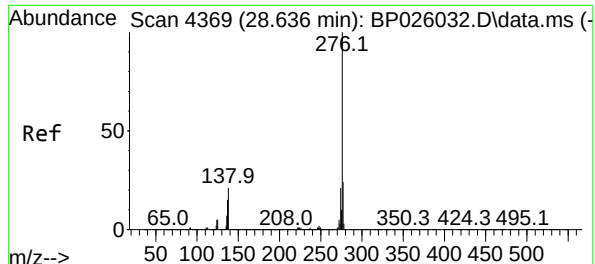
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 3734
Delta R.T. 0.018 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

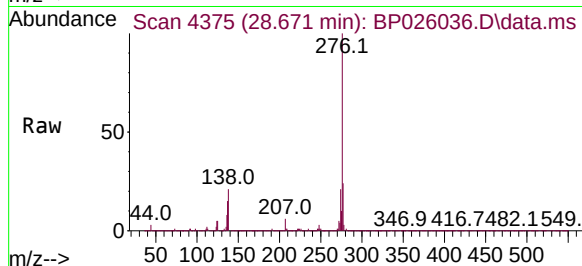
Tgt Ion:264 Resp: 1688986
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.6 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 33.295 ng m
RT: 28.671 min Scan# 4369
Delta R.T. 0.012 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

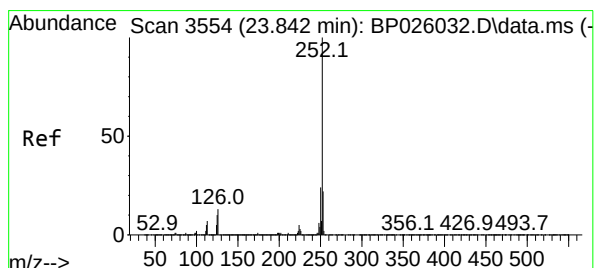
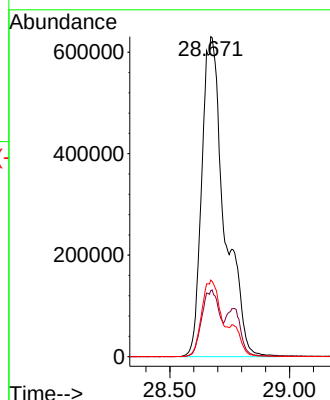
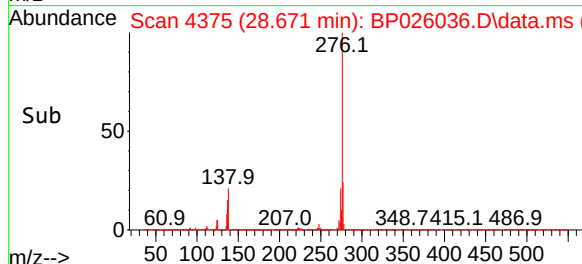
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion: 276 Resp: 4151592
Ion Ratio Lower Upper
276 100
138 16.3 13.2 19.8
277 20.5 16.3 24.5

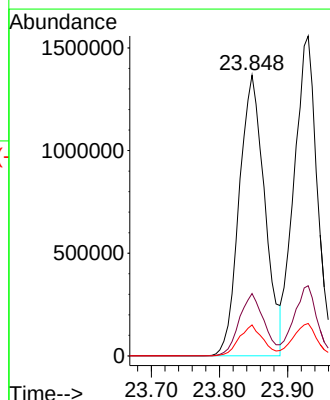
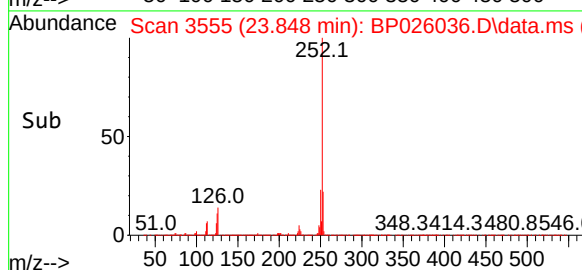
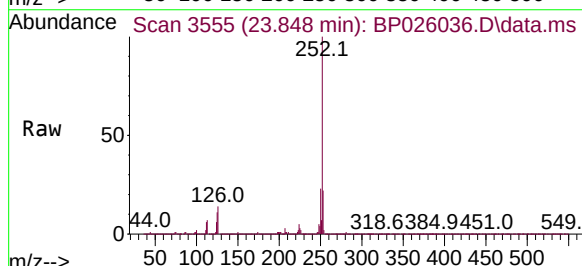
Manual Integrations
APPROVED

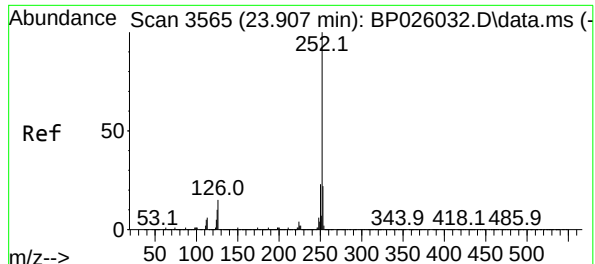
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#88
Benzo(b)fluoranthene
Concen: 34.098 ng
RT: 23.848 min Scan# 3555
Delta R.T. 0.000 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 252 Resp: 3575209
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 11.0 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 34.381 ng

RT: 23.930 min Scan# 3565

Delta R.T. 0.006 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

Instrument :

BNA_P

ClientSampleId :

ICVBP102925

Tgt Ion:252 Resp: 3681173

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

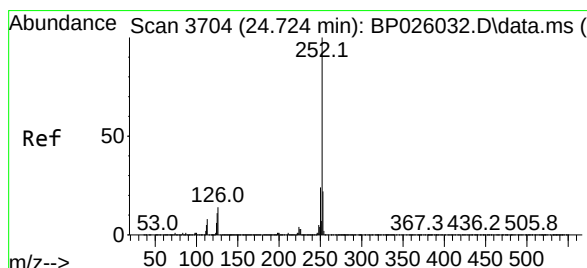
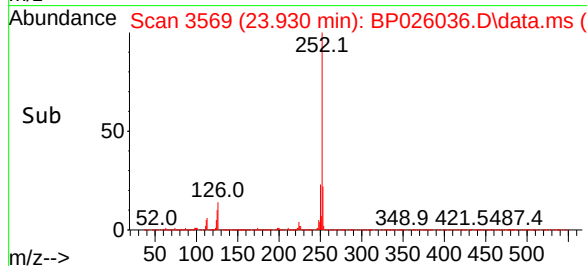
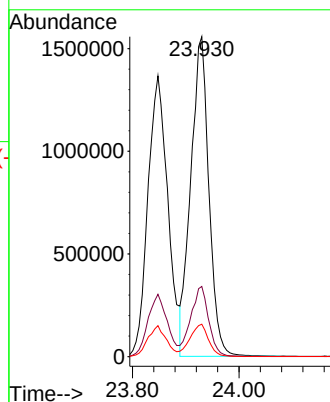
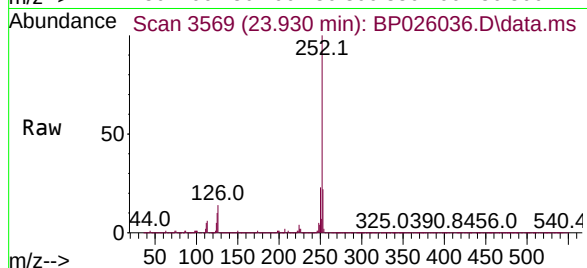
125 10.1 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 11/04/2025



#90

Benzo(a)pyrene

Concen: 35.024 ng

RT: 24.742 min Scan# 3707

Delta R.T. 0.000 min

Lab File: BP026036.D

Acq: 29 Oct 2025 16:09

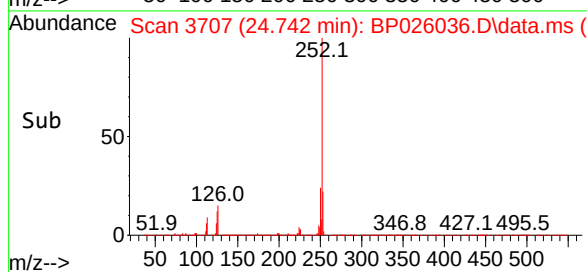
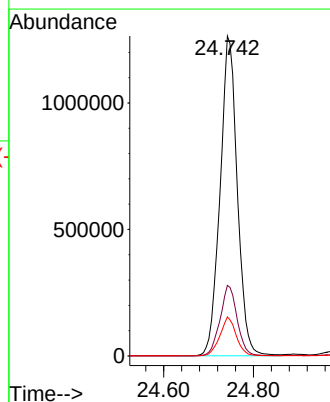
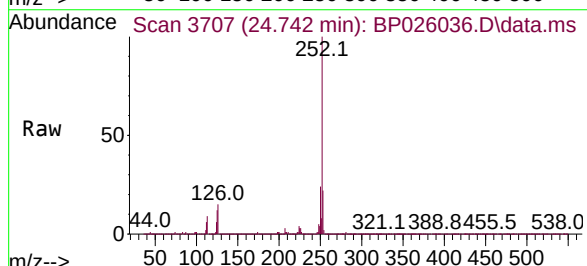
Tgt Ion:252 Resp: 3373695

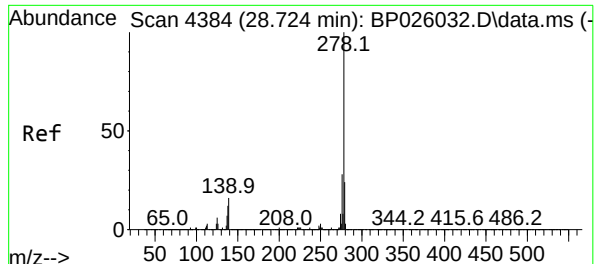
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

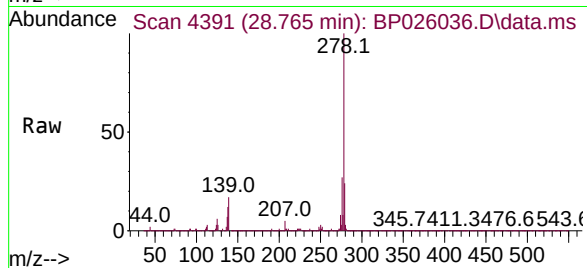
125 12.2 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 33.879 ng
RT: 28.765 min Scan# 4384
Delta R.T. 0.018 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

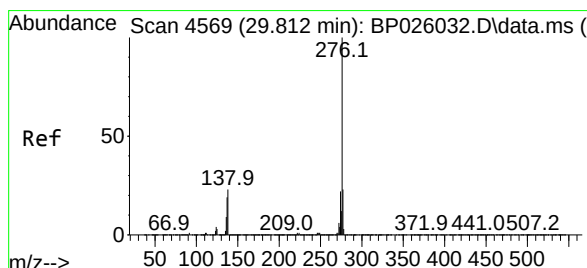
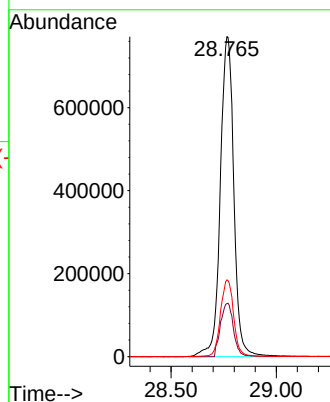
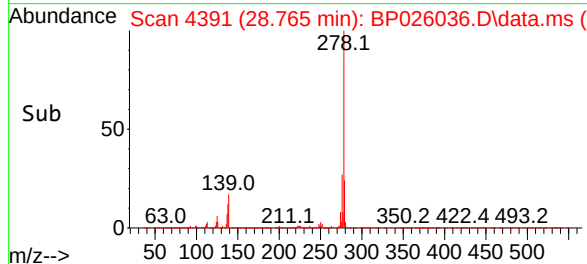
Instrument :
BNA_P
ClientSampleId :
ICVBP102925



Tgt Ion: 278 Resp: 343782
Ion Ratio Lower Upper
278 100
139 16.6 13.0 19.6
279 24.0 18.9 28.3

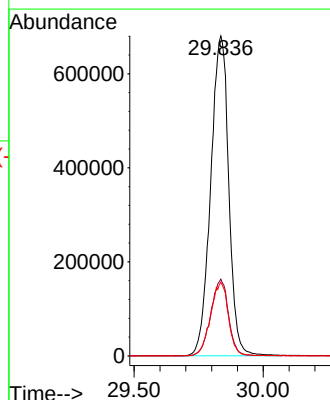
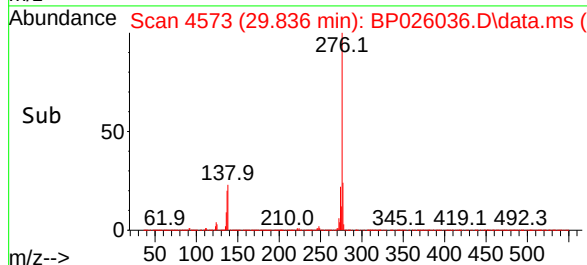
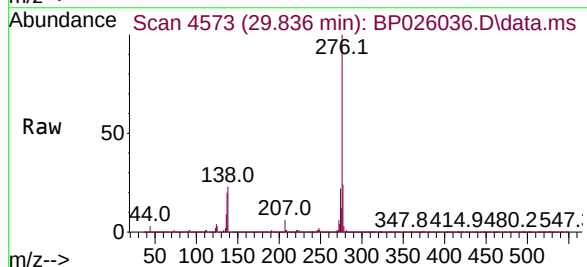
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 11/04/2025



#92
Benzo(g,h,i)perylene
Concen: 33.862 ng
RT: 29.836 min Scan# 4573
Delta R.T. 0.006 min
Lab File: BP026036.D
Acq: 29 Oct 2025 16:09

Tgt Ion: 276 Resp: 3306526
Ion Ratio Lower Upper
276 100
277 24.0 18.5 27.7
138 23.0 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026036.D
 Acq On : 29 Oct 2025 16:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP102925

Quant Time: Oct 30 11:55:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	-0.05
2	1,4-Dioxane	0.511	0.425	16.8	79	-0.02
3	Pyridine	1.453	1.186	18.4	77	-0.03
4	n-Nitrosodimethylamine	0.582	0.511	12.2	84	-0.03
5 S	2-Fluorophenol	1.212	1.037	14.4	80	-0.05
6	Aniline	2.059	1.845	10.4	84	-0.05
7 S	Phenol-d6	1.543	1.313	14.9	79	-0.05
8	2-Chlorophenol	1.342	1.161	13.5	80	-0.05
9	Benzaldehyde	0.802	0.923	-15.1	110	-0.05
10 C	Phenol	1.713	1.448	15.5	79	-0.05
11	bis(2-Chloroethyl)ether	1.352	1.145	15.3	80	-0.05
12	1,3-Dichlorobenzene	1.541	1.331	13.6	81	-0.05
13 C	1,4-Dichlorobenzene	1.558	1.367	12.3	83	-0.05
14	1,2-Dichlorobenzene	1.487	1.305	12.2	83	-0.04
15	Benzyl Alcohol	1.112	0.978	12.1	83	-0.05
16	2,2'-oxybis(1-Chloropropane	2.043	1.712	16.2	78	-0.03
17	2-Methylphenol	1.121	0.981	12.5	80	-0.04
18	Hexachloroethane	0.533	0.461	13.5	80	-0.05
19 P	n-Nitroso-di-n-propylamine	0.958	0.870	9.2	82	-0.05
20	3+4-Methylphenols	1.560	1.336	14.4	80	-0.05
21 I	Naphthalene-d8	1.000	1.000	0.0	97	-0.04
22	Acetophenone	0.506	0.452	10.7	85	-0.05
23 S	Nitrobenzene-d5	0.321	0.275	14.3	79	-0.04
24	Nitrobenzene	0.339	0.295	13.0	80	-0.04
25	Isophorone	0.687	0.602	12.4	81	-0.05
26 C	2-Nitrophenol	0.104	0.110	-5.8	83	-0.04
27	2,4-Dimethylphenol	0.289	0.271	6.2	87	-0.05
28	bis(2-Chloroethoxy)methane	0.433	0.373	13.9	81	-0.03
29 C	2,4-Dichlorophenol	0.305	0.264	13.4	78	-0.03
30	1,2,4-Trichlorobenzene	0.331	0.294	11.2	84	-0.04
31	Naphthalene	1.091	0.924	15.3	80	-0.04
32	Benzoic acid	0.163	0.151	7.4	87	-0.09
33	4-Chloroaniline	0.419	0.407	2.9	90	-0.03
34 C	Hexachlorobutadiene	0.211	0.178	15.6	80	-0.04
35	Caprolactam	0.107	0.093	13.1	80	-0.07
36 C	4-Chloro-3-methylphenol	0.320	0.277	13.4	78	-0.04
37	2-Methylnaphthalene	0.763	0.591	22.5	72	-0.03
38	1-Methylnaphthalene	0.742	0.611	17.7	77	-0.02
39 I	Acenaphthene-d10	1.000	1.000	0.0	96	0.00
40	1,2,4,5-Tetrachlorobenzene	0.621	0.536	13.7	81	-0.03
41 P	Hexachlorocyclopentadiene	0.227	0.268	-18.1	109	-0.03
42 S	2,4,6-Tribromophenol	0.216	0.197	8.8	80	0.00
43 C	2,4,6-Trichlorophenol	0.367	0.333	9.3	80	-0.02
44	2,4,5-Trichlorophenol	0.419	0.370	11.7	78	-0.03
45 S	2-Fluorobiphenyl	1.392	1.166	16.2	79	-0.02
46	1,1'-Biphenyl	1.531	1.343	12.3	83	-0.02
47	2-Chloronaphthalene	1.205	1.002	16.8	78	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026036.D
 Acq On : 29 Oct 2025 16:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP102925

Quant Time: Oct 30 11:55:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.272	0.255	6.3	81	-0.02
49	Acenaphthylene	1.756	1.709	2.7	90	0.00
50	Dimethylphthalate	1.455	1.277	12.2	81	-0.01
51	2,6-Dinitrotoluene	0.237	0.250	-5.5	91	-0.01
52 C	Acenaphthene	1.206	0.993	17.7	76	0.00
53	3-Nitroaniline	0.291	0.290	0.3	86	-0.01
54 P	2,4-Dinitrophenol	0.100	0.086	14.0	83	0.00
55	Dibenzofuran	1.822	1.545	15.2	79	0.00
56 P	4-Nitrophenol	0.290	0.237	18.3	80	-0.01
57	2,4-Dinitrotoluene	0.347	0.340	2.0	83	0.00
58	Fluorene	1.427	1.261	11.6	84	0.00
59	2,3,4,6-Tetrachlorophenol	0.330	0.323	2.1	85	-0.01
60	Diethylphthalate	1.463	1.280	12.5	79	0.00
61	4-Chlorophenyl-phenylether	0.713	0.604	15.3	79	0.00
62	4-Nitroaniline	0.311	0.294	5.5	83	0.00
63	Azobenzene	1.325	1.161	12.4	81	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	98	0.00
65	4,6-Dinitro-2-methylphenol	0.077	0.065	15.6	84	0.00
66 c	n-Nitrosodiphenylamine	0.625	0.526	15.8	80	0.00
67	4-Bromophenyl-phenylether	0.222	0.182	18.0	78	0.00
68	Hexachlorobenzene	0.253	0.207	18.2	79	0.00
69	Atrazine	0.211	0.196	7.1	88	0.00
70 C	Pentachlorophenol	0.154	0.130	15.6	80	0.00
71	Phenanthrene	1.164	0.952	18.2	79	0.00
72	Anthracene	1.154	0.964	16.5	81	0.00
73	Carbazole	1.092	0.913	16.4	79	0.00
74	Di-n-butylphthalate	1.222	1.073	12.2	79	0.00
75 C	Fluoranthene	1.358	1.125	17.2	78	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	97	0.01
77	Benzidine	0.508	0.611	-20.3	115	0.00
78	Pyrene	1.353	1.113	17.7	76	0.00
79 S	Terphenyl-d14	0.984	0.831	15.5	80	0.00
80	Butylbenzylphthalate	0.432	0.411	4.9	81	0.00
81	Benzo(a)anthracene	1.374	1.136	17.3	78	0.01
82	3,3'-Dichlorobenzidine	0.443	0.412	7.0	87	0.00
83	Chrysene	1.302	1.059	18.7	77	0.00
84	Bis(2-ethylhexyl)phthalate	0.718	0.664	7.5	78	0.01
85 c	Di-n-octyl phthalate	1.191	1.002	15.9	76	0.02
86 I	Perylene-d12	1.000	1.000	0.0	96	0.02
87	Indeno(1,2,3-cd)pyrene	1.477	1.229	16.8	75	0.01
88	Benzo(b)fluoranthene	1.242	1.058	14.8	78	0.00
89	Benzo(k)fluoranthene	1.268	1.090	14.0	79	0.00
90 C	Benzo(a)pyrene	1.141	0.999	12.4	79	0.00
91	Dibenzo(a,h)anthracene	1.202	1.018	15.3	77	0.02
92	Benzo(g,h,i)perylene	1.156	0.979	15.3	77	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026036.D
Acq On : 29 Oct 2025 16:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026036.D
 Acq On : 29 Oct 2025 16:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP102925

Quant Time: Oct 30 11:55:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	96	-0.05
2	1,4-Dioxane	40.000	33.303	16.7	79	-0.02
3	Pyridine	40.000	32.670	18.3	77	-0.03
4	n-Nitrosodimethylamine	40.000	35.142	12.1	84	-0.03
5 S	2-Fluorophenol	80.000	68.429	14.5	80	-0.05
6	Aniline	40.000	35.839	10.4	84	-0.05
7 S	Phenol-d6	80.000	68.090	14.9	79	-0.05
8	2-Chlorophenol	40.000	34.596	13.5	80	-0.05
9	Benzaldehyde	40.000	46.027	-15.1	110	-0.05
10 C	Phenol	40.000	33.813	15.5	79	-0.05
11	bis(2-Chloroethyl)ether	40.000	33.880	15.3	80	-0.05
12	1,3-Dichlorobenzene	40.000	34.538	13.7	81	-0.05
13 C	1,4-Dichlorobenzene	40.000	35.099	12.3	83	-0.05
14	1,2-Dichlorobenzene	40.000	35.092	12.3	83	-0.04
15	Benzyl Alcohol	40.000	35.185	12.0	83	-0.05
16	2,2'-oxybis(1-Chloropropane	40.000	33.526	16.2	78	-0.03
17	2-Methylphenol	40.000	34.998	12.5	80	-0.04
18	Hexachloroethane	40.000	34.560	13.6	80	-0.05
19 P	n-Nitroso-di-n-propylamine	40.000	36.340	9.1	82	-0.05
20	3+4-Methylphenols	40.000	34.245	14.4	80	-0.05
21 I	Naphthalene-d8	20.000	20.000	0.0	97	-0.04
22	Acetophenone	40.000	35.756	10.6	85	-0.05
23 S	Nitrobenzene-d5	80.000	68.652	14.2	79	-0.04
24	Nitrobenzene	40.000	34.825	12.9	80	-0.04
25	Isophorone	40.000	35.069	12.3	81	-0.05
26 C	2-Nitrophenol	40.000	36.106	9.7	83	-0.04
27	2,4-Dimethylphenol	40.000	37.573	6.1	87	-0.05
28	bis(2-Chloroethoxy)methane	40.000	34.454	13.9	81	-0.03
29 C	2,4-Dichlorophenol	40.000	34.599	13.5	78	-0.03
30	1,2,4-Trichlorobenzene	40.000	35.441	11.4	84	-0.04
31	Naphthalene	40.000	33.888	15.3	80	-0.04
32	Benzoic acid	40.000	37.646	5.9	87	-0.09
33	4-Chloroaniline	40.000	38.877	2.8	90	-0.03
34 C	Hexachlorobutadiene	40.000	33.876	15.3	80	-0.04
35	Caprolactam	40.000	34.833	12.9	80	-0.07
36 C	4-Chloro-3-methylphenol	40.000	34.690	13.3	78	-0.04
37	2-Methylnaphthalene	40.000	30.988	22.5	72	-0.03
38	1-Methylnaphthalene	40.000	32.934	17.7	77	-0.02
39 I	Acenaphthene-d10	20.000	20.000	0.0	96	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	34.481	13.8	81	-0.03
41 P	Hexachlorocyclopentadiene	40.000	47.197	-18.0	109	-0.03
42 S	2,4,6-Tribromophenol	80.000	72.809	9.0	80	0.00
43 C	2,4,6-Trichlorophenol	40.000	36.282	9.3	80	-0.02
44	2,4,5-Trichlorophenol	40.000	35.326	11.7	78	-0.03
45 S	2-Fluorobiphenyl	80.000	67.037	16.2	79	-0.02
46	1,1'-Biphenyl	40.000	35.073	12.3	83	-0.02
47	2-Chloronaphthalene	40.000	33.277	16.8	78	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
 Data File : BP026036.D
 Acq On : 29 Oct 2025 16:09
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP102925

Quant Time: Oct 30 11:55:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	33.821	15.4	81	-0.02
49	Acenaphthylene	40.000	38.923	2.7	90	0.00
50	Dimethylphthalate	40.000	35.112	12.2	81	-0.01
51	2,6-Dinitrotoluene	40.000	37.528	6.2	91	-0.01
52 C	Acenaphthene	40.000	32.961	17.6	76	0.00
53	3-Nitroaniline	40.000	36.037	9.9	86	-0.01
54 P	2,4-Dinitrophenol	40.000	36.040	9.9	83	0.00
55	Dibenzofuran	40.000	33.938	15.2	79	0.00
56 P	4-Nitrophenol	40.000	32.703	18.2	80	-0.01
57	2,4-Dinitrotoluene	40.000	35.013	12.5	83	0.00
58	Fluorene	40.000	35.342	11.6	84	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.197	2.0	85	-0.01
60	Diethylphthalate	40.000	35.015	12.5	79	0.00
61	4-Chlorophenyl-phenylether	40.000	33.928	15.2	79	0.00
62	4-Nitroaniline	40.000	37.891	5.3	83	0.00
63	Azobenzene	40.000	35.051	12.4	81	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	98	0.00
65	4,6-Dinitro-2-methylphenol	40.000	35.409	11.5	84	0.00
66 c	n-Nitrosodiphenylamine	40.000	33.661	15.8	80	0.00
67	4-Bromophenyl-phenylether	40.000	32.800	18.0	78	0.00
68	Hexachlorobenzene	40.000	32.804	18.0	79	0.00
69	Atrazine	40.000	37.108	7.2	88	0.00
70 C	Pentachlorophenol	40.000	33.716	15.7	80	0.00
71	Phenanthrene	40.000	32.726	18.2	79	0.00
72	Anthracene	40.000	33.409	16.5	81	0.00
73	Carbazole	40.000	33.421	16.4	79	0.00
74	Di-n-butylphthalate	40.000	35.126	12.2	79	0.00
75 C	Fluoranthene	40.000	33.126	17.2	78	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	97	0.01
77	Benzydine	40.000	48.151	-20.4	115	0.00
78	Pyrene	40.000	32.912	17.7	76	0.00
79 S	Terphenyl-d14	80.000	67.515	15.6	80	0.00
80	Butylbenzylphthalate	40.000	33.630	15.9	81	0.00
81	Benzo(a)anthracene	40.000	33.052	17.4	78	0.01
82	3,3'-Dichlorobenzidine	40.000	37.253	6.9	87	0.00
83	Chrysene	40.000	32.526	18.7	77	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	33.750	15.6	78	0.01
85 c	Di-n-octyl phthalate	40.000	33.668	15.8	76	0.02
86 I	Perylene-d12	20.000	20.000	0.0	96	0.02
87	Indeno(1,2,3-cd)pyrene	40.000	33.295	16.8	75	0.01
88	Benzo(b)fluoranthene	40.000	34.098	14.8	78	0.00
89	Benzo(k)fluoranthene	40.000	34.381	14.0	79	0.00
90 C	Benzo(a)pyrene	40.000	35.024	12.4	79	0.00
91	Dibenzo(a,h)anthracene	40.000	33.879	15.3	77	0.02
92	Benzo(g,h,i)perylene	40.000	33.862	15.3	77	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026036.D
Acq On : 29 Oct 2025 16:09
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP102925

Quant Time: Oct 30 11:55:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3584</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>11/11/2025 10:09</u>
Lab File ID:	<u>BF144198.D</u>	Init. Calib. Date(s):	<u>11/05/2025 11/05/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:50 16:49</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.343		5.1	
Benzaldehyde	0.818	1.141		39.5	
Phenol-d6	1.448	1.461		0.9	
Phenol	1.769	1.799		1.7	20.0
bis(2-Chloroethyl)ether	1.289	1.325		2.8	
2-Chlorophenol	1.253	1.308		4.4	
2-Methylphenol	0.997	1.026		2.9	
2,2-oxybis(1-Chloropropane)	2.374	2.513		5.9	
Acetophenone	0.429	0.431		0.5	
3+4-Methylphenols	1.175	1.170		-0.4	
n-Nitroso-di-n-propylamine	0.953	0.933	0.050	-2.1	
Nitrobenzene-d5	0.346	0.361		4.3	
Hexachloroethane	0.515	0.537		4.3	
Nitrobenzene	0.376	0.395		5.1	
Isophorone	0.655	0.684		4.4	
2-Nitrophenol	0.186	0.194		4.3	20.0
2,4-Dimethylphenol	0.279	0.291		4.3	
bis(2-Chloroethoxy)methane	0.409	0.435		6.4	
2,4-Dichlorophenol	0.322	0.330		2.5	20.0
Naphthalene	0.951	0.984		3.5	
4-Chloroaniline	0.347	0.357		2.9	
Hexachlorobutadiene	0.249	0.256		2.8	20.0
Caprolactam	0.088	0.087		-1.1	
4-Chloro-3-methylphenol	0.288	0.299		3.8	20.0
2-Methylnaphthalene	0.636	0.648		1.9	
Hexachlorocyclopentadiene	0.195	0.194	0.050	-0.5	
2,4,6-Trichlorophenol	0.446	0.456		2.2	20.0
2-Fluorobiphenyl	1.354	1.339		-1.1	
2,4,5-Trichlorophenol	0.481	0.474		-1.5	
1,1-Biphenyl	1.396	1.427		2.2	
2-Chloronaphthalene	1.191	1.218		2.3	
2-Nitroaniline	0.344	0.376		9.3	
Dimethylphthalate	1.325	1.353		2.1	
Acenaphthylene	1.623	1.647		1.5	
2,6-Dinitrotoluene	0.268	0.287		7.1	
3-Nitroaniline	0.293	0.295		0.7	
Acenaphthene	1.085	1.099		1.3	20.0
2,4-Dinitrophenol	0.162	0.138	0.050	-14.8	
4-Nitrophenol	0.212	0.184	0.050	-13.2	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3584</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>11/11/2025 10:09</u>
Lab File ID:	<u>BF144198.D</u>	Init. Calib. Date(s):	<u>11/05/2025 11/05/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:50 16:49</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.520	1.519		-0.1	
2,4-Dinitrotoluene	0.359	0.366		2.0	
Diethylphthalate	1.221	1.241		1.6	
4-Chlorophenyl-phenylether	0.658	0.656		-0.3	
Fluorene	1.156	1.167		1.0	
4-Nitroaniline	0.279	0.287		2.9	
4,6-Dinitro-2-methylphenol	0.136	0.126		-7.4	
n-Nitrosodiphenylamine	0.643	0.657		2.2	20.0
2,4,6-Tribromophenol	0.251	0.243		-3.2	
4-Bromophenyl-phenylether	0.255	0.262		2.7	
Hexachlorobenzene	0.301	0.309		2.7	
Atrazine	0.205	0.205		0.0	
Pentachlorophenol	0.150	0.138		-8.0	20.0
Phenanthrene	0.996	0.987		-0.9	
Anthracene	1.013	1.019		0.6	
Carbazole	0.861	0.852		-1.0	
Di-n-butylphthalate	1.041	1.049		0.8	
Fluoranthene	1.029	1.014		-1.5	20.0
Pyrene	1.613	1.566		-2.9	
Terphenyl-d14	1.259	1.207		-4.1	
Butylbenzylphthalate	0.559	0.578		3.4	
3,3-Dichlorobenzidine	0.475	0.493		3.8	
Benzo (a) anthracene	1.386	1.437		3.6	
Chrysene	1.280	1.280		0.0	
Bis(2-ethylhexyl)phthalate	0.765	0.811		6.0	
Di-n-octyl phthalate	1.320	1.415		7.2	20.0
Benzo (b) fluoranthene	1.137	1.103		-3.0	
Benzo (k) fluoranthene	1.064	1.090		2.4	
Benzo (a) pyrene	1.049	1.050		0.1	20.0
Indeno (1,2,3-cd) pyrene	1.436	1.464		2.0	
Dibenzo (a,h) anthracene	1.153	1.177		2.1	
Benzo (g,h,i) perylene	1.139	1.175		3.1	
1,2,4,5-Tetrachlorobenzene	0.655	0.671		2.4	
1,4-Dioxane	0.528	0.547		3.6	20.0
2,3,4,6-Tetrachlorophenol	0.340	0.347		2.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144198.D
 Acq On : 11 Nov 2025 10:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 11 10:43:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	73404	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	271454	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	150816	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	253608	20.000	ng	0.00
76) Chrysene-d12	14.057	240	166330	20.000	ng	0.00
86) Perylene-d12	15.545	264	229506	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	394236	84.046	ng	0.00
7) Phenol-d6	6.510	99	428834	80.684	ng	0.01
23) Nitrobenzene-d5	7.439	82	392161	83.437	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	146416	77.364	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	807802	79.108	ng	0.00
79) Terphenyl-d14	12.998	244	802870	76.672	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	80243	41.378	ng	99
3) Pyridine	3.381	79	229770	42.468	ng	98
4) n-Nitrosodimethylamine	3.328	42	121669	43.052	ng	99
6) Aniline	6.539	93	314585	41.543	ng	98
8) 2-Chlorophenol	6.663	128	191986	41.735	ng	100
9) Benzaldehyde	6.428	77	167470	55.800	ng	98
10) Phenol	6.522	94	264085	40.667	ng	94
11) bis(2-Chloroethyl)ether	6.610	93	194505	41.106	ng	98
12) 1,3-Dichlorobenzene	6.816	146	230084	40.533	ng	98
13) 1,4-Dichlorobenzene	6.892	146	226826	39.886	ng	97
14) 1,2-Dichlorobenzene	7.045	146	223589	41.020	ng	99
15) Benzyl Alcohol	7.016	79	174019	41.349	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	368967	42.344	ng	96
17) 2-Methylphenol	7.128	107	150619	41.157	ng	99
18) Hexachloroethane	7.386	117	78801	41.708	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	136949	39.141	ng	94
20) 3+4-Methylphenols	7.281	107	171776	39.818	ng	99
22) Acetophenone	7.287	105	234233	40.223	ng	95
24) Nitrobenzene	7.457	77	214471	42.027	ng	100
25) Isophorone	7.698	82	371430	41.779	ng	99
26) 2-Nitrophenol	7.775	139	105226	41.654	ng	95
27) 2,4-Dimethylphenol	7.810	122	158227	41.789	ng	96
28) bis(2-Chloroethoxy)met...	7.904	93	236110	42.530	ng	98
29) 2,4-Dichlorophenol	8.016	162	179169	41.056	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	182355	40.694	ng	98
31) Naphthalene	8.181	128	534471	41.391	ng	99
32) Benzoic acid	7.922	122	100905	36.357	ng	94
33) 4-Chloroaniline	8.228	127	193834	41.158	ng	98
34) Hexachlorobutadiene	8.292	225	138793	41.097	ng	100
35) Caprolactam	8.604	113	47064	39.364	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	162232	41.481	ng	97
37) 2-Methylnaphthalene	8.875	142	351729	40.740	ng	99
38) 1-Methylnaphthalene	8.969	142	337698	40.539	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	202490	40.967	ng	98
41) Hexachlorocyclopentadiene	9.022	237	58396	39.027	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	137540	40.885	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144198.D
 Acq On : 11 Nov 2025 10:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

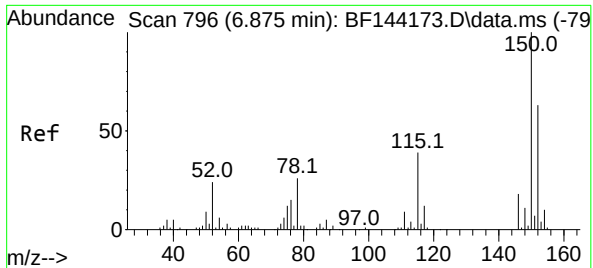
Quant Time: Nov 11 10:43:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	143106	39.469	ng	98
46) 1,1'-Biphenyl	9.333	154	430515	40.895	ng	100
47) 2-Chloronaphthalene	9.363	162	367534	40.928	ng	100
48) 2-Nitroaniline	9.457	65	113284	43.722	ng	97
49) Acenaphthylene	9.775	152	496729	40.591	ng	100
50) Dimethylphthalate	9.633	163	408251	40.861	ng	100
51) 2,6-Dinitrotoluene	9.698	165	86697	42.865	ng	99
52) Acenaphthene	9.951	154	331509	40.511	ng	100
53) 3-Nitroaniline	9.869	138	88858	40.190	ng	92
54) 2,4-Dinitrophenol	9.980	184	41617	34.075	ng	97
55) Dibenzofuran	10.122	168	458069	39.968	ng	98
56) 4-Nitrophenol	10.033	139	55598	34.763	ng	97
57) 2,4-Dinitrotoluene	10.104	165	110330	40.748	ng	97
58) Fluorene	10.469	166	351893	40.383	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	104592	40.773	ng	99
60) Diethylphthalate	10.333	149	374181	40.626	ng	99
61) 4-Chlorophenyl-phenylether	10.457	204	197779	39.846	ng	96
62) 4-Nitroaniline	10.486	138	86613	41.136	ng	98
63) Azobenzene	10.616	77	355358	41.456	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	63808	37.036	ng	98
66) n-Nitrosodiphenylamine	10.575	169	333207	40.851	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	132885	41.051	ng	96
68) Hexachlorobenzene	11.016	284	156932	41.159	ng	97
69) Atrazine	11.104	200	104132	40.143	ng	99
70) Pentachlorophenol	11.216	266	70017	36.877	ng	99
71) Phenanthrene	11.433	178	500461	39.635	ng	99
72) Anthracene	11.486	178	516728	40.246	ng	100
73) Carbazole	11.639	167	432310	39.597	ng	99
74) Di-n-butylphthalate	11.969	149	532269	40.329	ng	99
75) Fluoranthene	12.627	202	514488	39.444	ng	100
77) Benzidine	12.751	184	237841	48.342	ng	99
78) Pyrene	12.857	202	521018	38.850	ng	99
80) Butylbenzylphthalate	13.468	149	192248	41.360	ng	99
81) Benzo(a)anthracene	14.051	228	477865	41.453	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	164112	41.532	ng	95
83) Chrysene	14.086	228	425808	40.013	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	269627	42.374	ng	100
85) Di-n-octyl phthalate	14.645	149	470752	42.880	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	671993	40.789	ng	99
88) Benzo(b)fluoranthene	15.110	252	506360	38.808	ng	99
89) Benzo(k)fluoranthene	15.139	252	500421	40.975	ng	98
90) Benzo(a)pyrene	15.480	252	481954	40.039	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	540222	40.830	ng	99
92) Benzo(g,h,i)perylene	17.509	276	539108	41.261	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

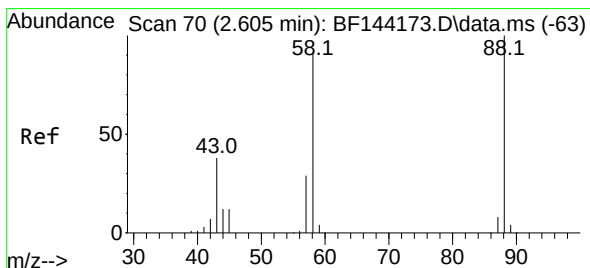
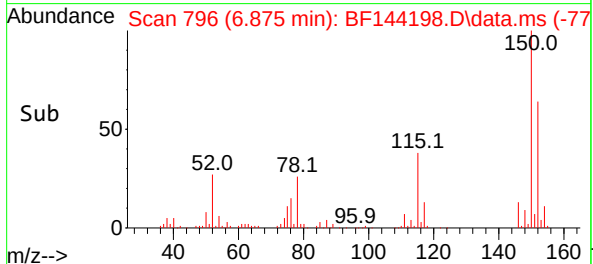
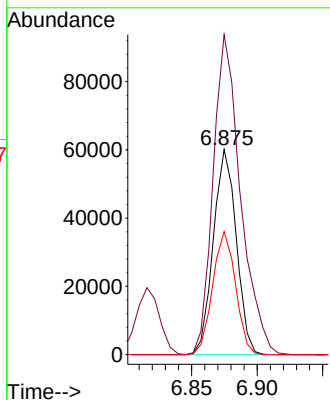
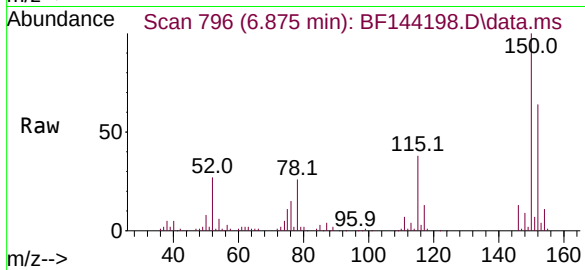
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

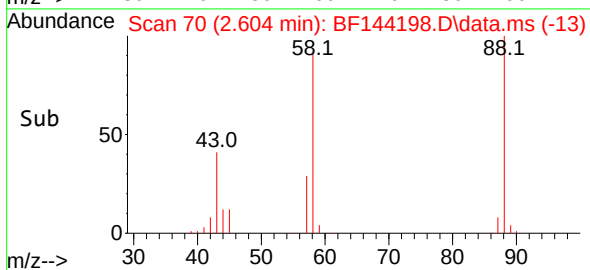
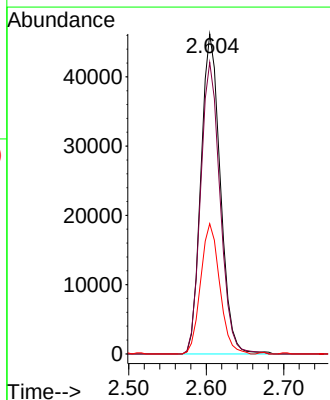
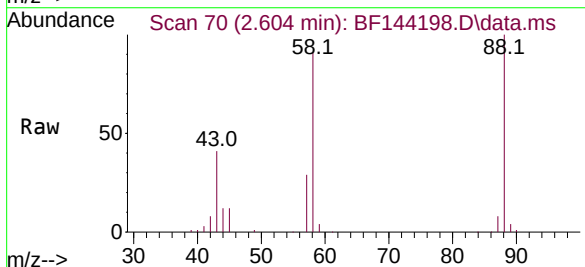
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

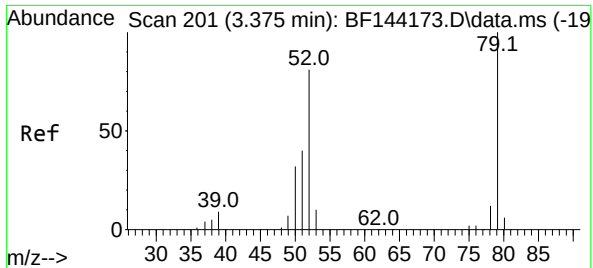
Tgt Ion:152 Resp: 73404
Ion Ratio Lower Upper
152 100
150 156.1 127.4 191.0
115 60.0 49.5 74.3



#2
1,4-Dioxane
Concen: 41.378 ng
RT: 2.604 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion: 88 Resp: 80243
Ion Ratio Lower Upper
88 100
58 91.4 73.1 109.7
43 40.0 31.0 46.6

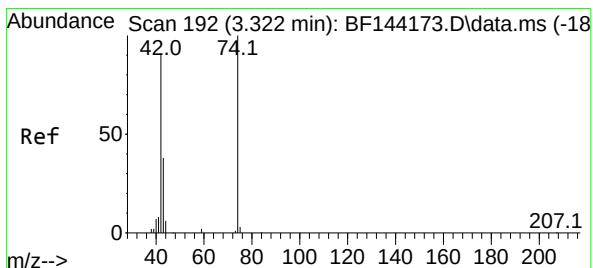
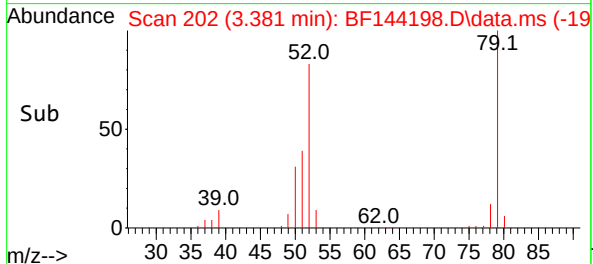
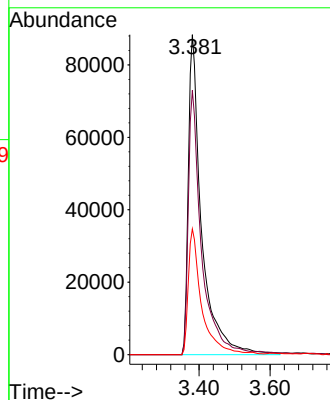
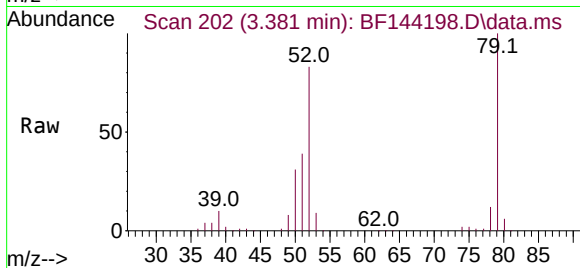




#3
Pyridine
Concen: 42.468 ng
RT: 3.381 min Scan# 201
Delta R.T. -0.030 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

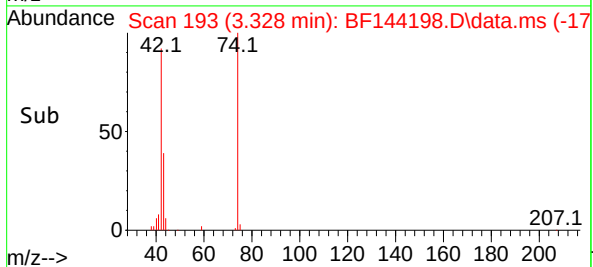
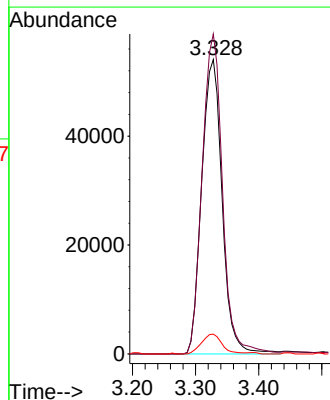
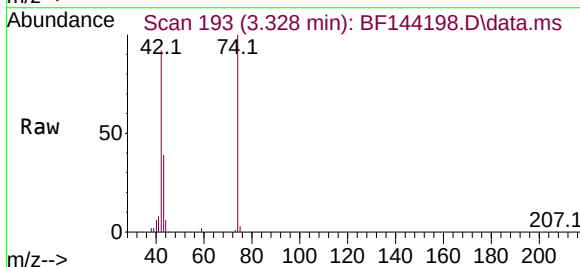
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

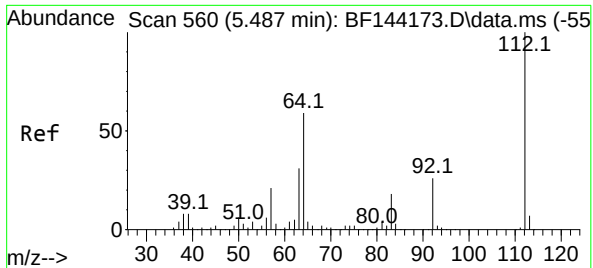
Tgt Ion: 79 Resp: 229770
Ion Ratio Lower Upper
79 100
52 82.6 64.5 96.7
51 39.3 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 43.052 ng
RT: 3.328 min Scan# 193
Delta R.T. -0.018 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion: 42 Resp: 121669
Ion Ratio Lower Upper
42 100
74 108.7 88.2 132.4
44 6.7 5.7 8.5

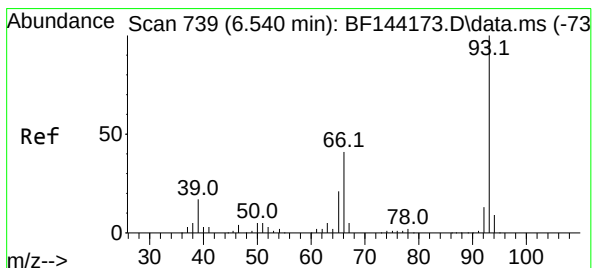
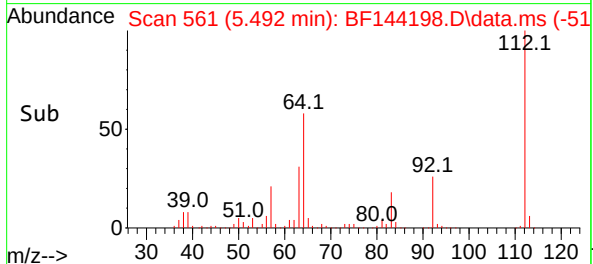
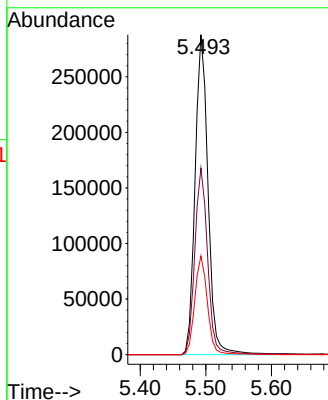
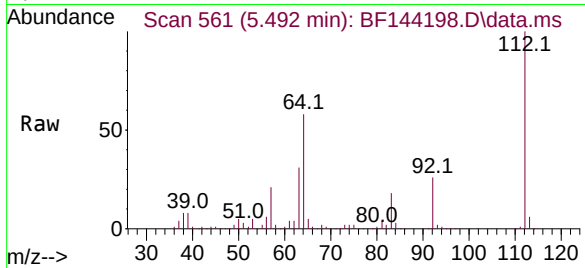




#5
2-Fluorophenol
Concen: 84.046 ng
RT: 5.492 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

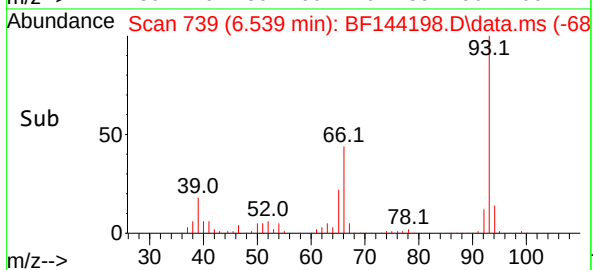
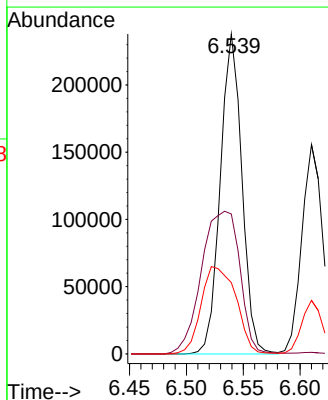
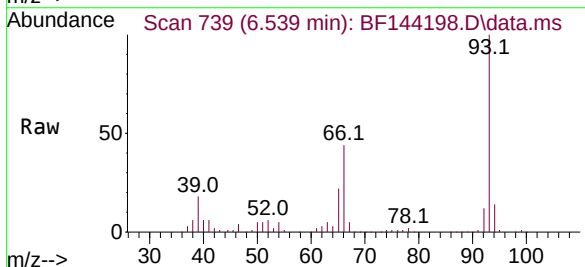
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

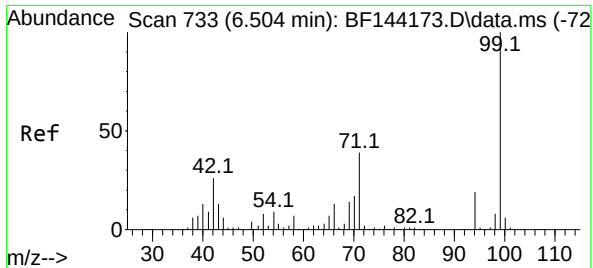
Tgt Ion:112 Resp: 394236
Ion Ratio Lower Upper
112 100
64 58.3 47.2 70.8
63 30.8 24.4 36.6



#6
Aniline
Concen: 41.543 ng
RT: 6.539 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion: 93 Resp: 314585
Ion Ratio Lower Upper
93 100
66 43.7 34.3 51.5
65 22.3 16.9 25.3

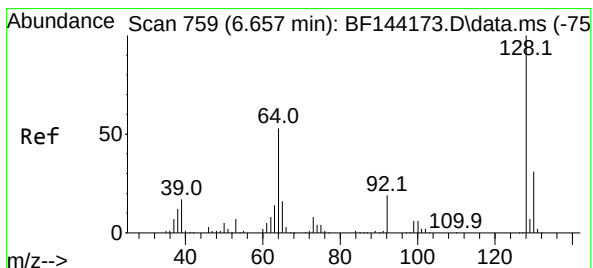
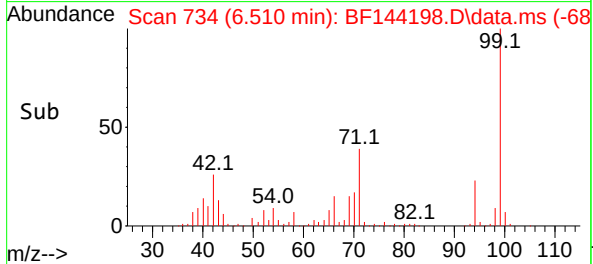
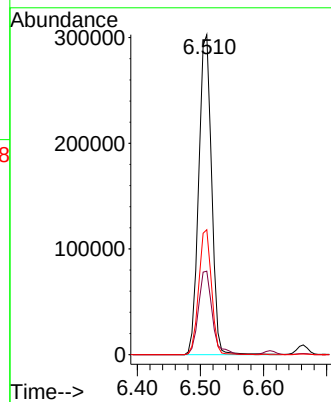
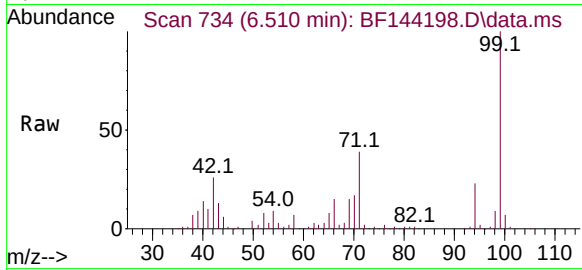




#7
Phenol-d6
Concen: 80.684 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.012 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

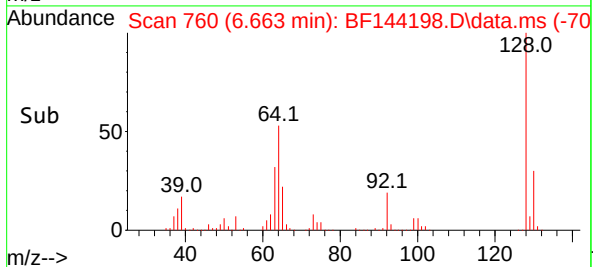
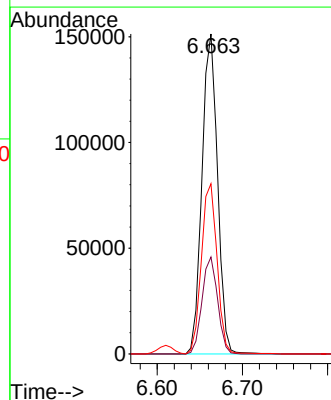
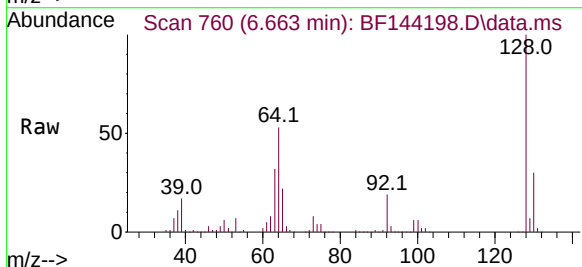
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

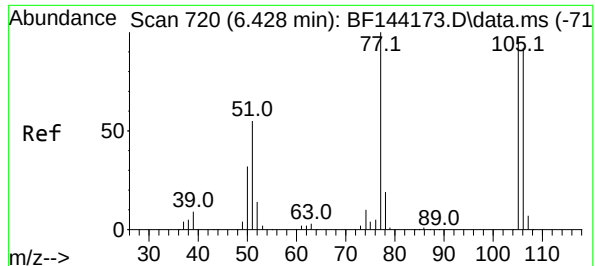
Tgt Ion: 99 Resp: 428834
Ion Ratio Lower Upper
99 100
42 26.1 20.9 31.3
71 39.0 31.4 47.2



#8
2-Chlorophenol
Concen: 41.735 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion: 128 Resp: 191986
Ion Ratio Lower Upper
128 100
130 30.3 10.5 50.5
64 53.2 33.2 73.2



#9
Benzaldehyde

Concen: 55.800 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

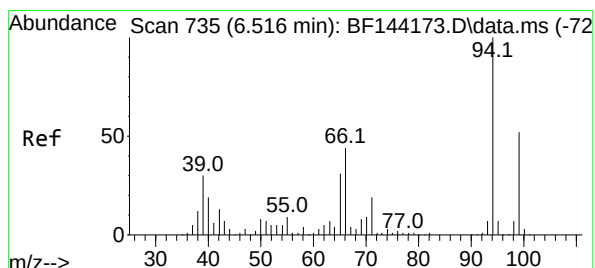
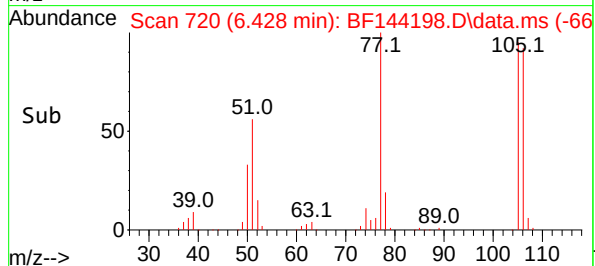
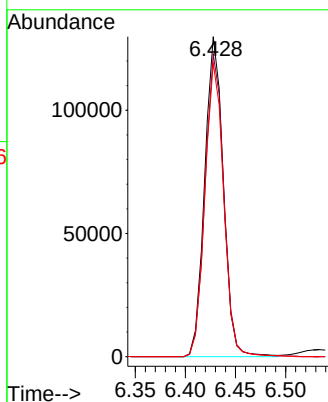
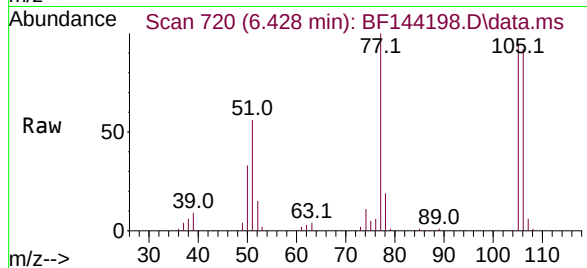
Tgt Ion: 77 Resp: 167470

Ion Ratio Lower Upper

77 100

105 94.5 77.2 117.2

106 91.7 72.2 112.2



#10

Phenol

Concen: 40.667 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.012 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

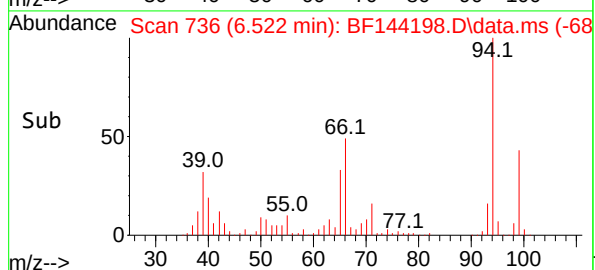
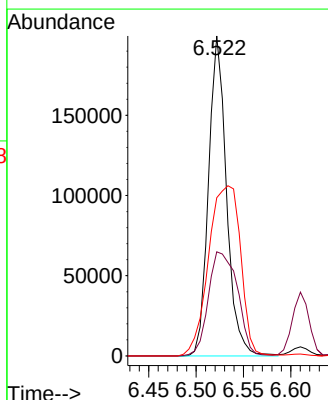
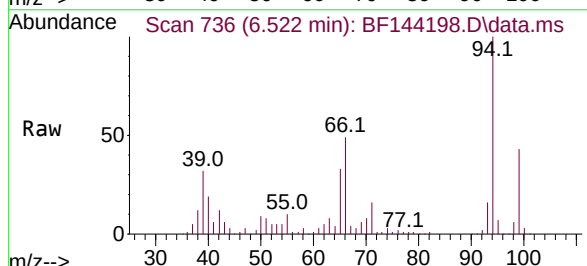
Tgt Ion: 94 Resp: 264085

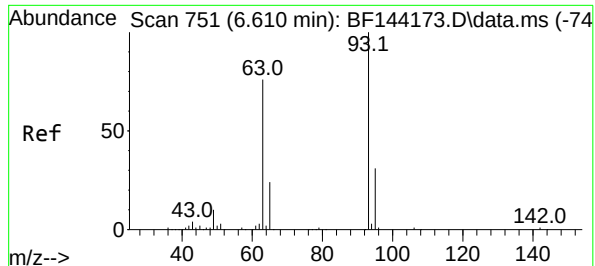
Ion Ratio Lower Upper

94 100

65 32.5 10.8 50.8

66 49.4 24.3 64.3

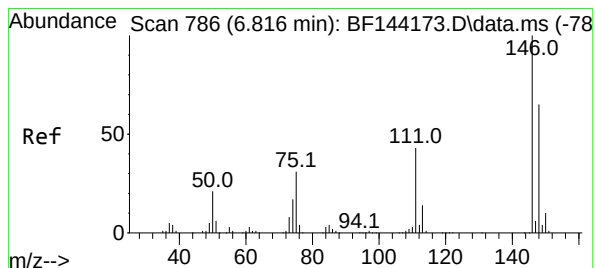
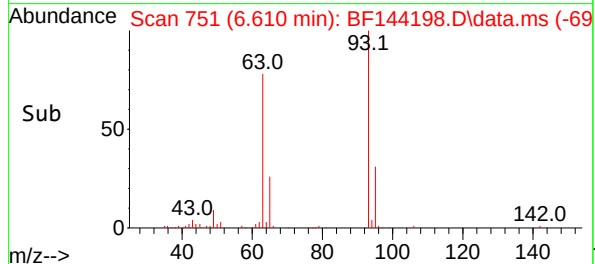
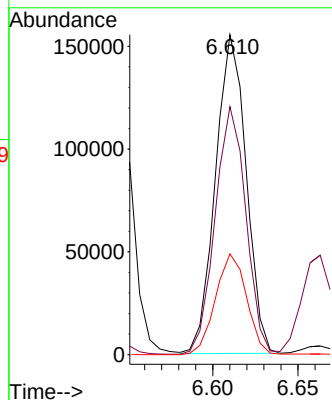
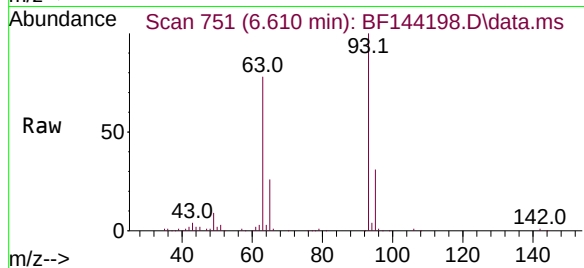




#11
bis(2-Chloroethyl)ether
Concen: 41.106 ng
RT: 6.610 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

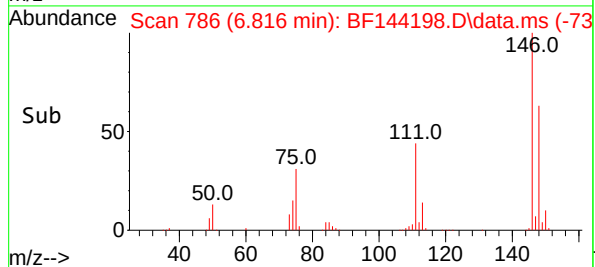
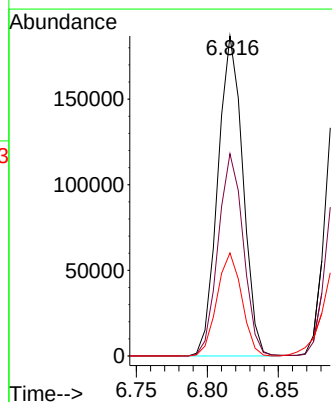
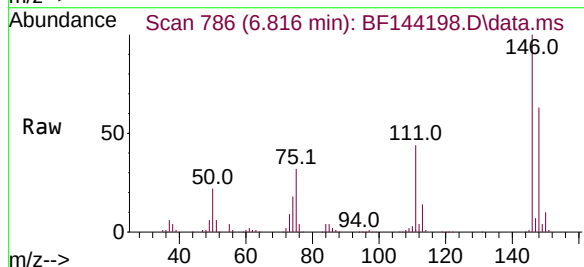
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

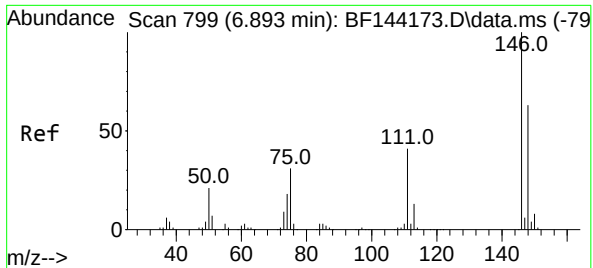
Tgt Ion: 93 Resp: 194505
Ion Ratio Lower Upper
93 100
63 77.5 55.2 95.2
95 31.5 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 40.533 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion: 146 Resp: 230084
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
75 32.2 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 39.886 ng

RT: 6.892 min Scan# 799

Delta R.T. -0.000 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

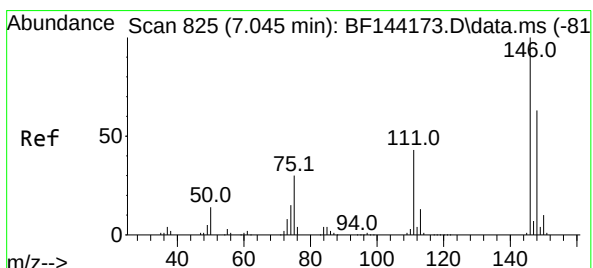
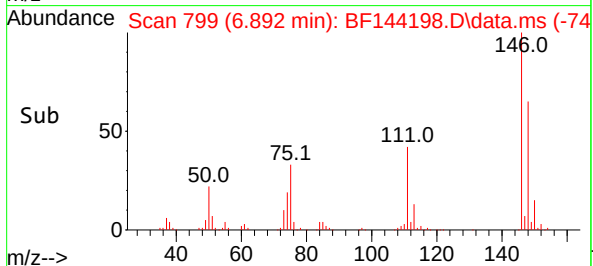
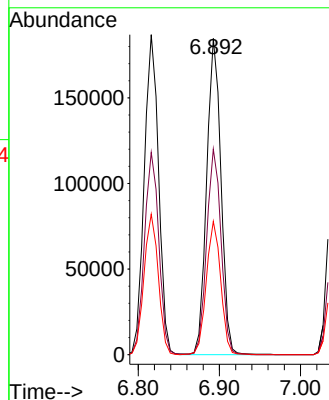
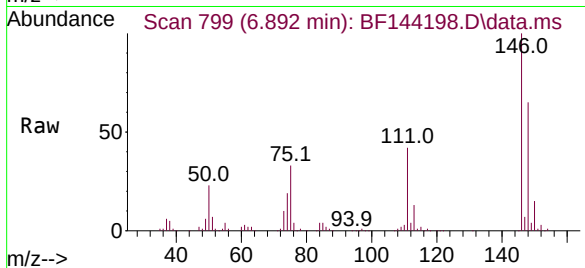
Tgt Ion:146 Resp: 226826

Ion Ratio Lower Upper

146 100

148 65.0 50.2 75.2

111 42.2 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 41.020 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.000 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

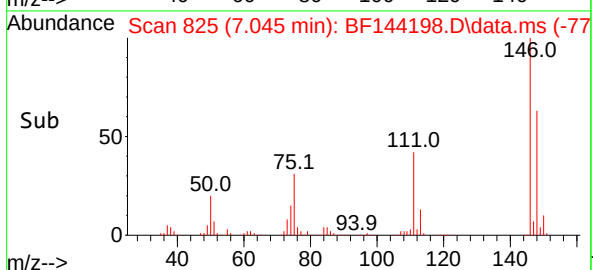
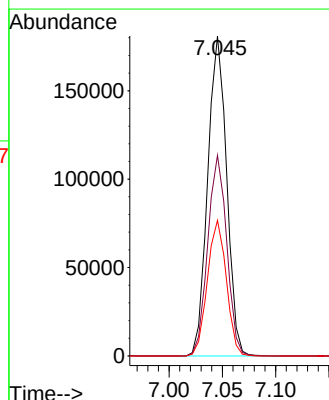
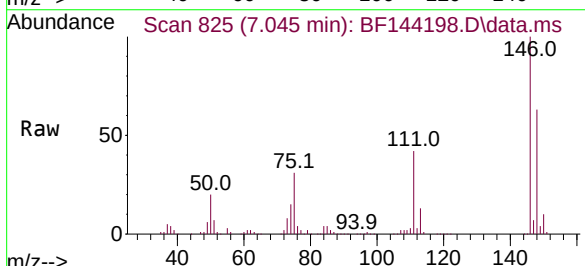
Tgt Ion:146 Resp: 223589

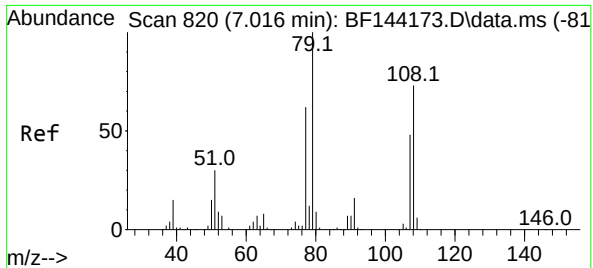
Ion Ratio Lower Upper

146 100

148 62.7 50.7 76.1

111 42.4 34.2 51.4

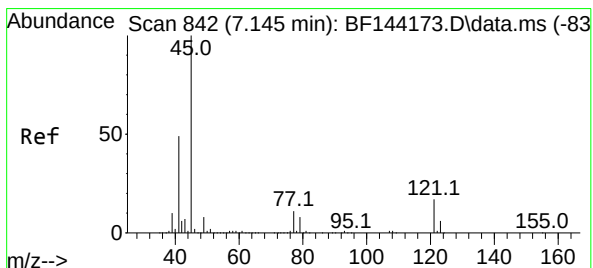
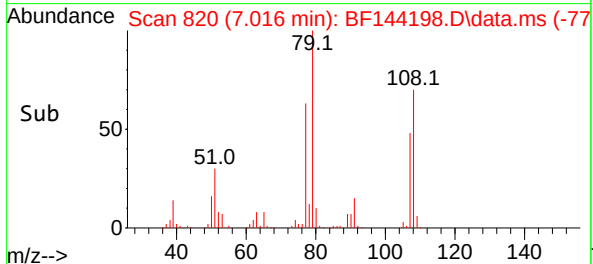
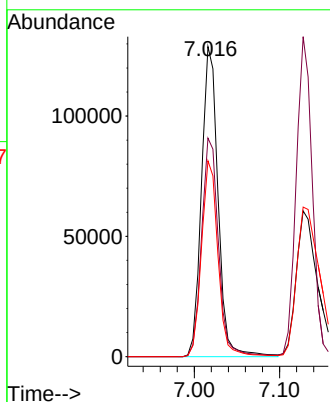
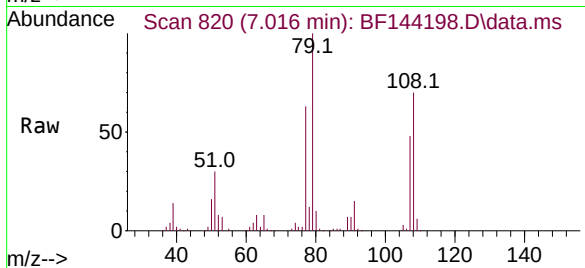




#15
Benzyl Alcohol
Concen: 41.349 ng
RT: 7.016 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

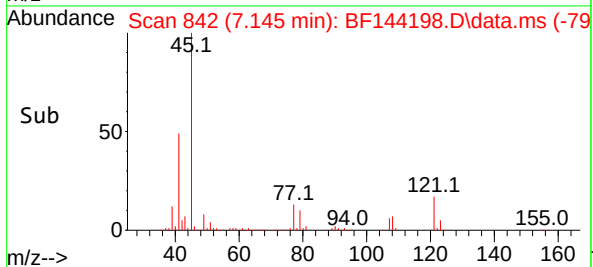
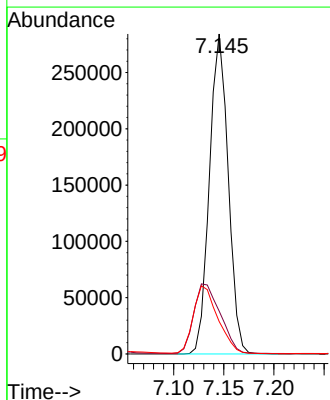
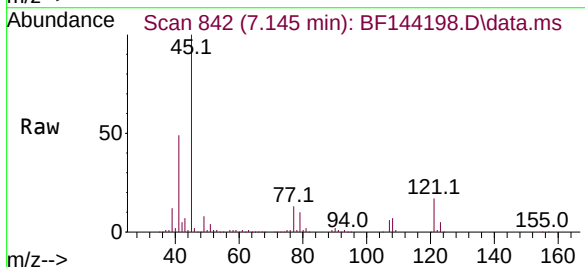
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

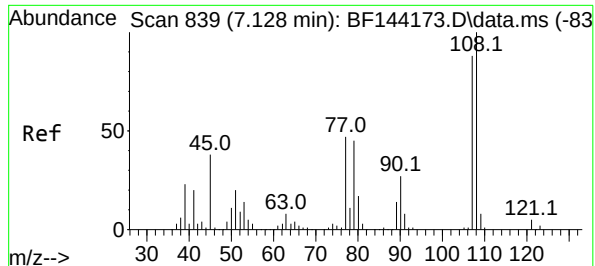
Tgt Ion: 79 Resp: 174019
Ion Ratio Lower Upper
79 100
108 70.5 58.2 87.4
77 63.1 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.344 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion: 45 Resp: 368967
Ion Ratio Lower Upper
45 100
77 13.4 0.0 31.8
79 10.1 0.0 29.1

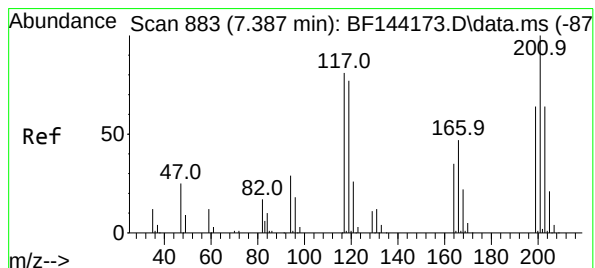
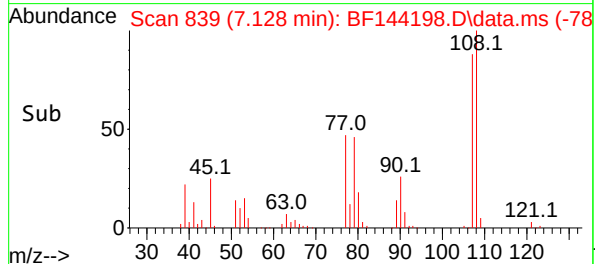
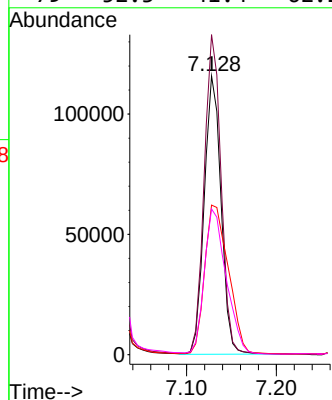
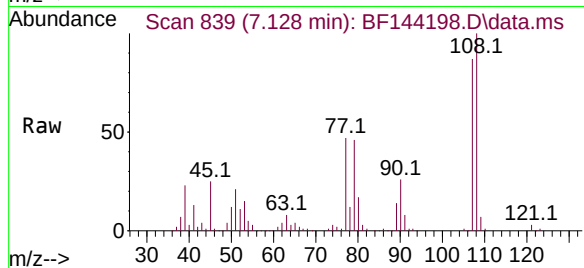




#17
2-Methylphenol
Concen: 41.157 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

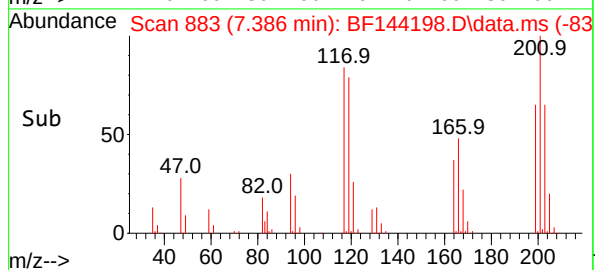
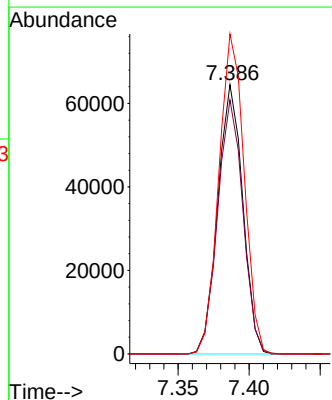
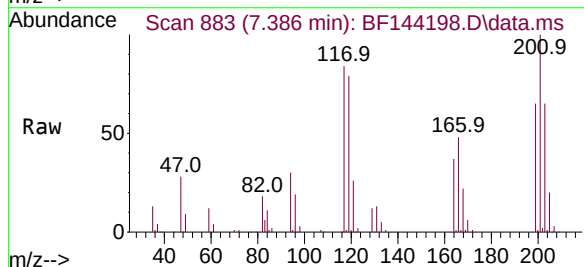
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

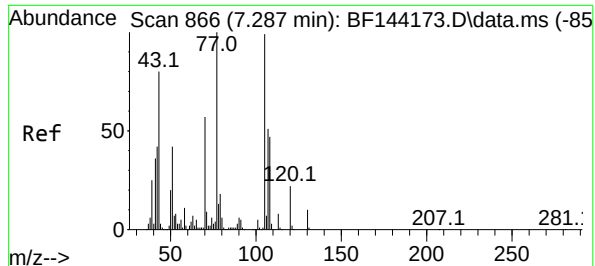
Tgt Ion:	107	Resp:	150619
Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.0	136.4
77	53.7	42.7	64.1
79	52.3	41.4	62.2



#18
Hexachloroethane
Concen: 41.708 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:	117	Resp:	78801
Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.8	113.8
201	118.9	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 39.141 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.012 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 136949

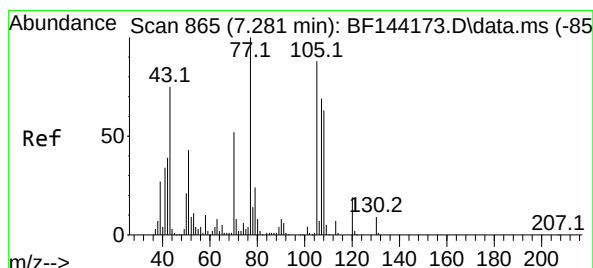
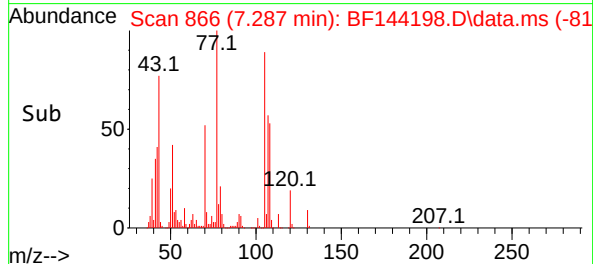
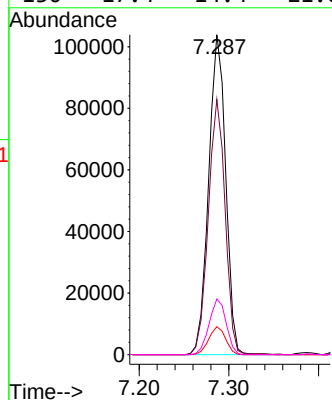
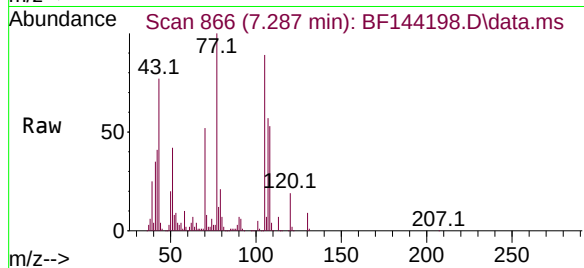
Ion Ratio Lower Upper

70 100

42 79.7 58.3 87.5

101 8.7 7.0 10.6

130 17.4 14.4 21.6



#20

3+4-Methylphenols

Concen: 39.818 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Tgt Ion: 107 Resp: 171776

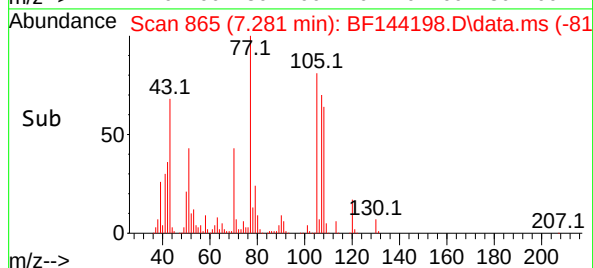
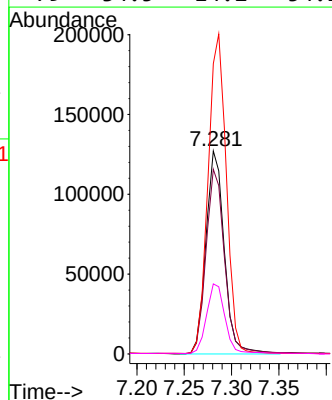
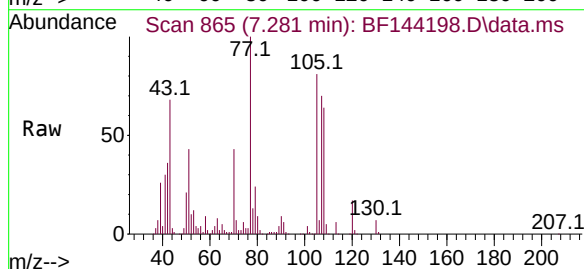
Ion Ratio Lower Upper

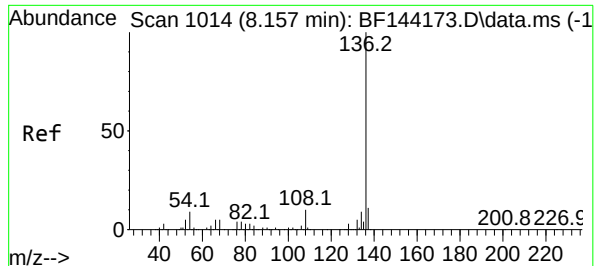
107 100

108 91.0 70.2 110.2

77 143.0 123.9 163.9

79 34.5 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 271454

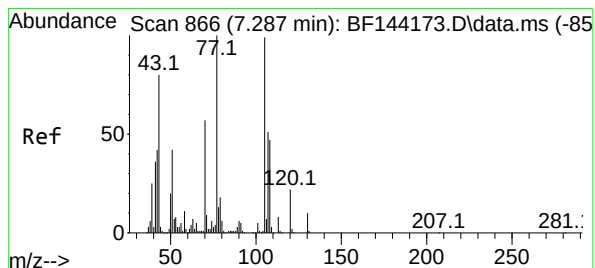
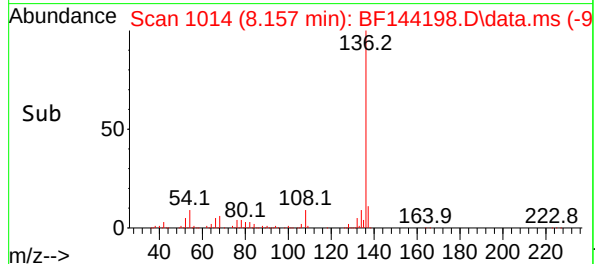
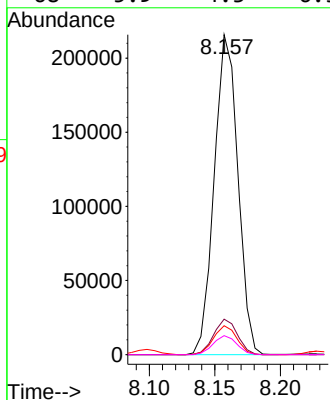
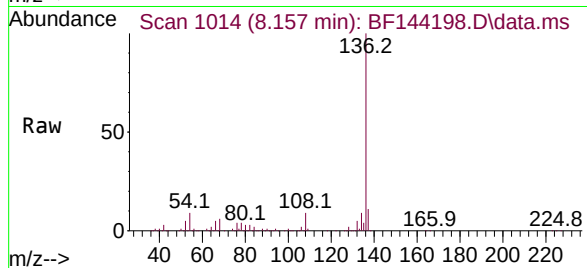
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 9.0 7.0 10.6

68 5.9 4.3 6.5



#22

Acetophenone

Concen: 40.223 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Tgt Ion:105 Resp: 234233

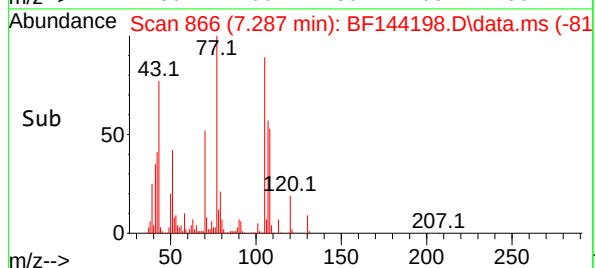
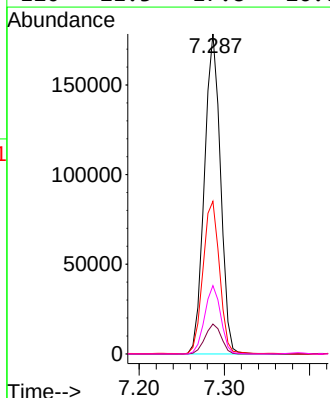
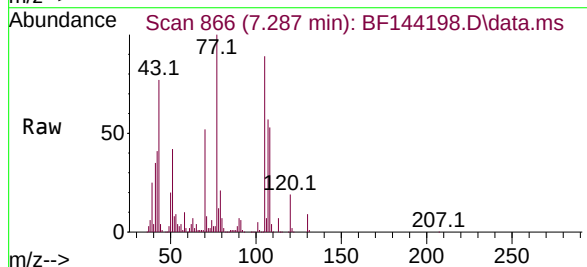
Ion Ratio Lower Upper

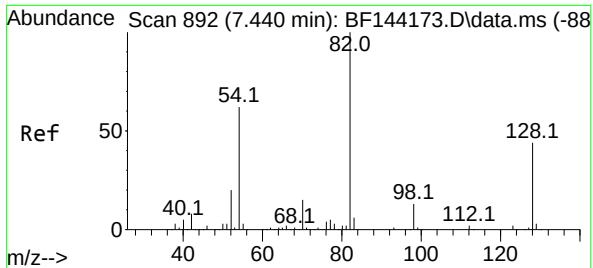
105 100

71 9.3 7.2 10.8

51 47.7 34.0 51.0

120 21.3 17.8 26.6





#23

Nitrobenzene-d5

Concen: 83.437 ng

RT: 7.439 min Scan# 892

Delta R.T. 0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

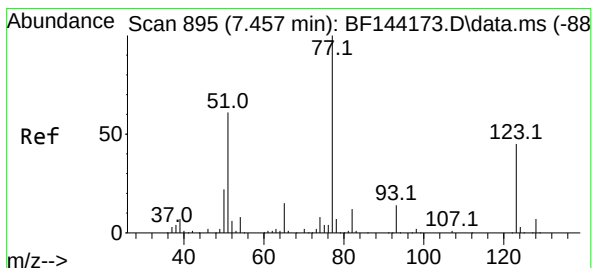
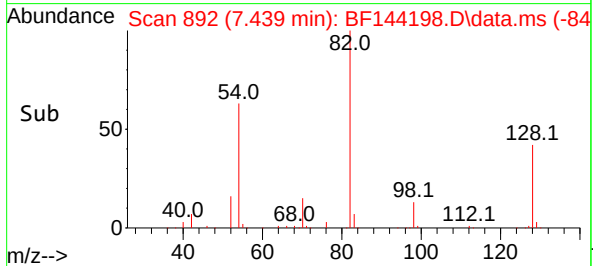
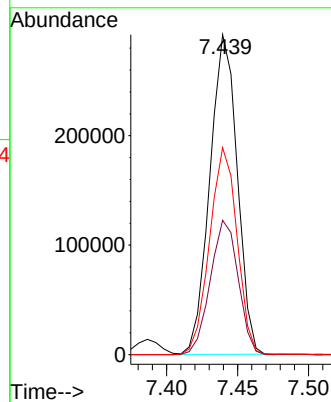
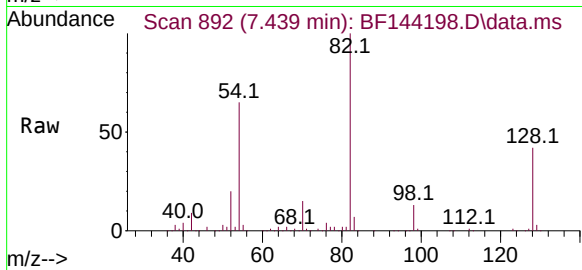
Tgt Ion: 82 Resp: 392161

Ion Ratio Lower Upper

82 100

128 42.0 34.7 52.1

54 64.7 49.5 74.3



#24

Nitrobenzene

Concen: 42.027 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

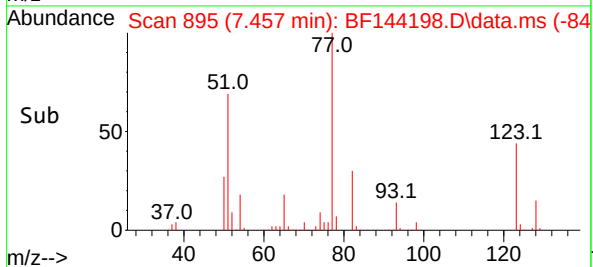
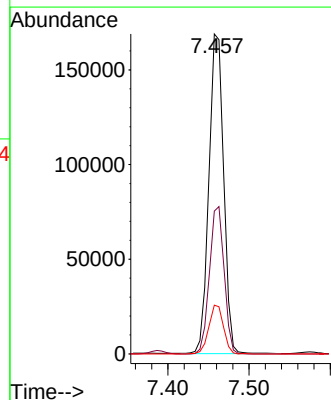
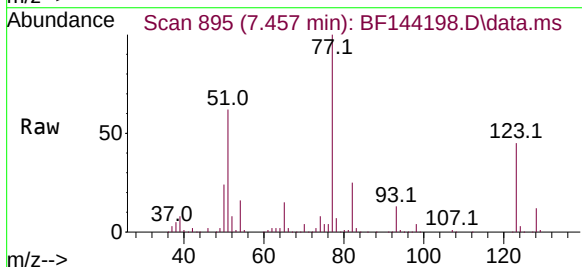
Tgt Ion: 77 Resp: 214471

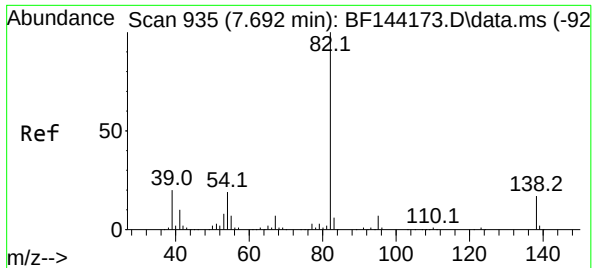
Ion Ratio Lower Upper

77 100

123 44.6 35.8 53.8

65 15.2 12.2 18.2

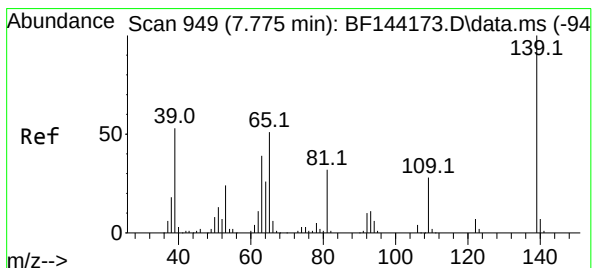
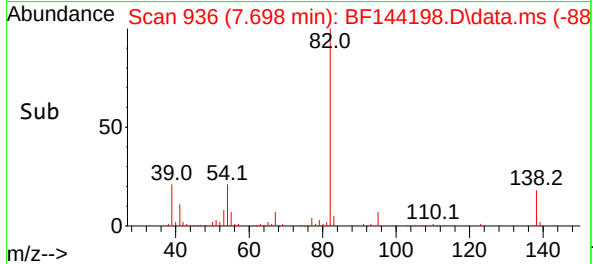
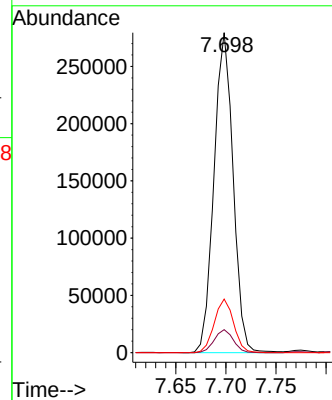
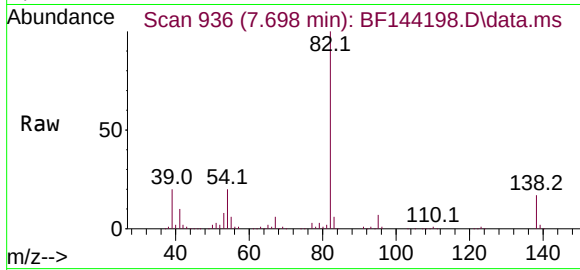




#25
Isophorone
Concen: 41.779 ng
RT: 7.698 min Scan# 936
Delta R.T. 0.012 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

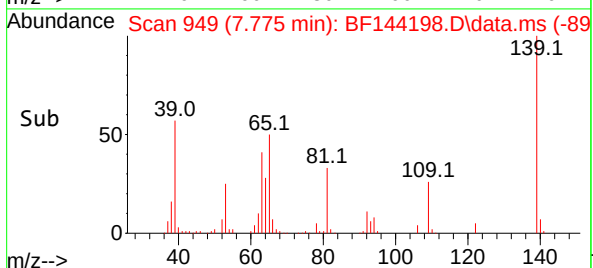
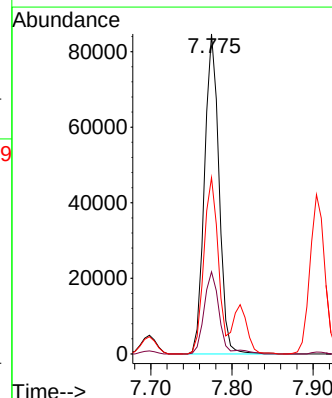
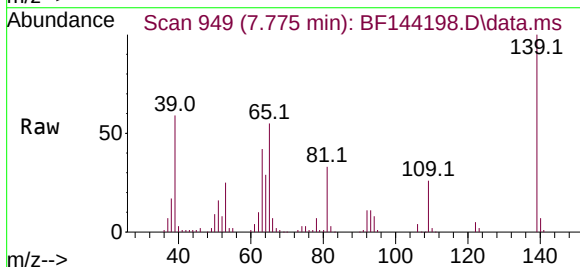
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

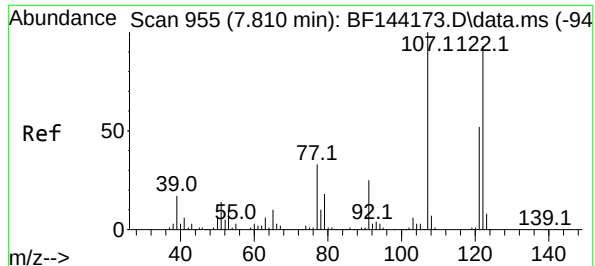
Tgt Ion: 82 Resp: 371430
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 16.7 13.7 20.5



#26
2-Nitrophenol
Concen: 41.654 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:139 Resp: 105226
Ion Ratio Lower Upper
139 100
109 25.6 22.2 33.2
65 55.1 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 41.789 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

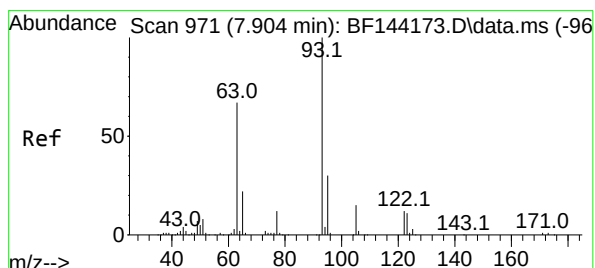
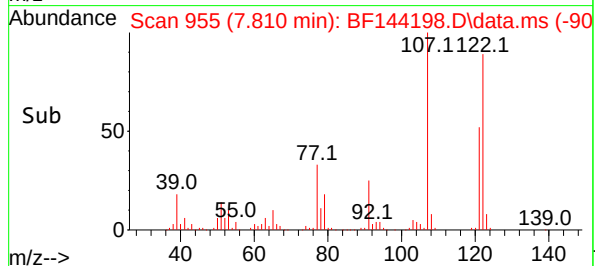
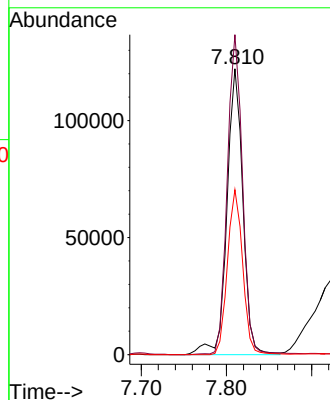
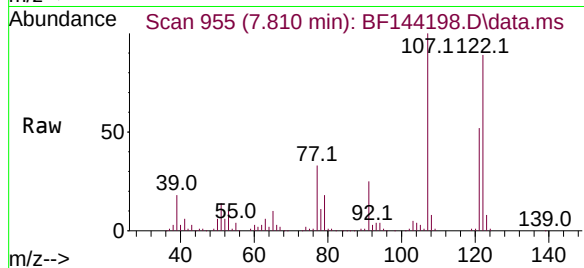
Tgt Ion:122 Resp: 158227

Ion Ratio Lower Upper

122 100

107 111.9 86.2 129.4

121 57.7 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.530 ng

RT: 7.904 min Scan# 971

Delta R.T. 0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

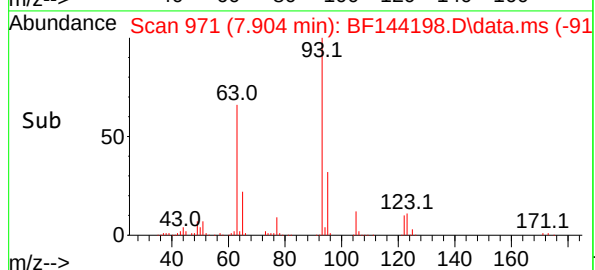
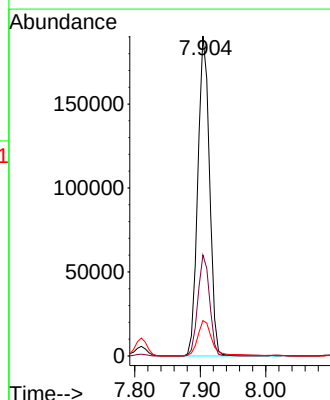
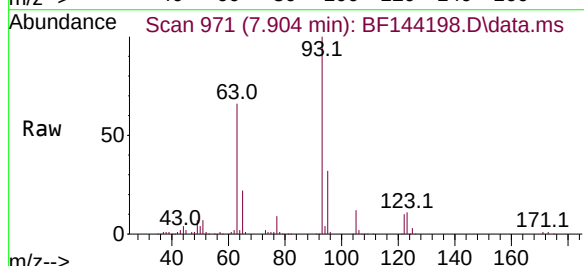
Tgt Ion: 93 Resp: 236110

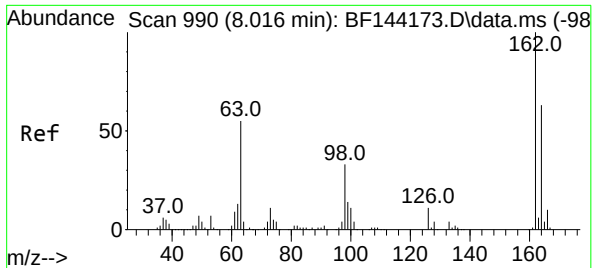
Ion Ratio Lower Upper

93 100

95 31.5 24.2 36.4

123 11.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.056 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.000 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

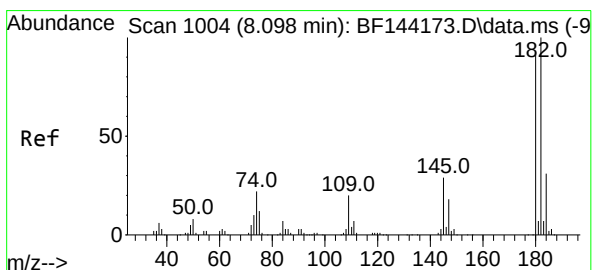
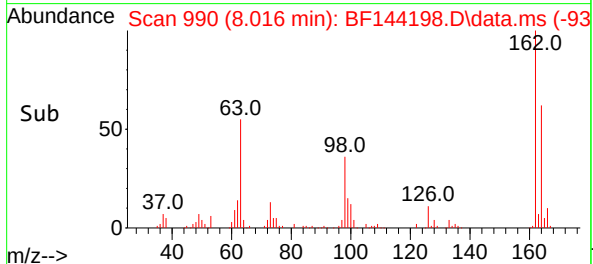
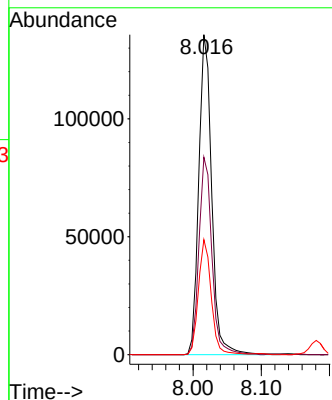
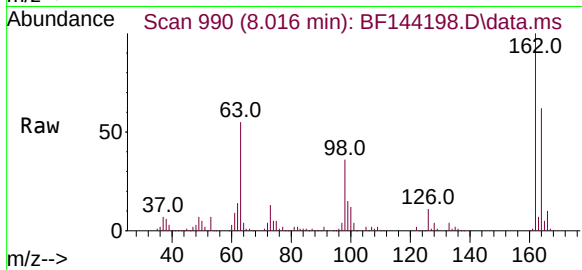
Tgt Ion:162 Resp: 179169

Ion Ratio Lower Upper

162 100

164 61.7 42.9 82.9

98 35.9 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 40.694 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

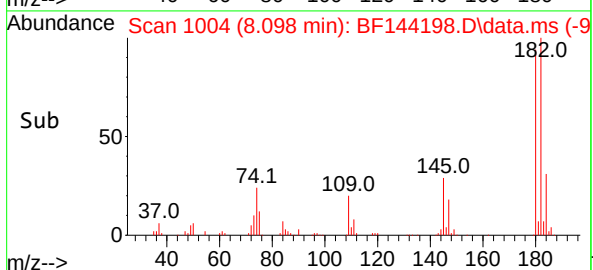
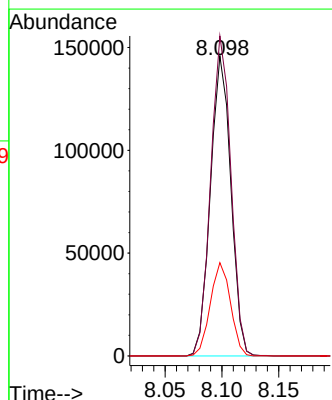
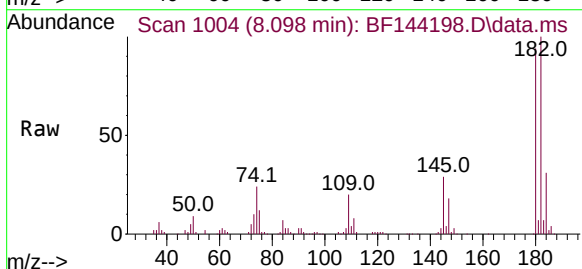
Tgt Ion:180 Resp: 182355

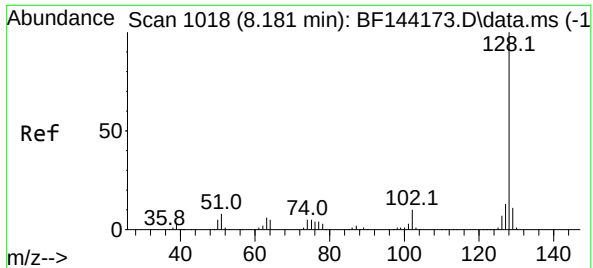
Ion Ratio Lower Upper

180 100

182 106.8 87.7 131.5

145 31.1 25.4 38.0





#31

Naphthalene

Concen: 41.391 ng

RT: 8.181 min Scan# 1018

Delta R.T. 0.006 min

Lab File: BF144198.D

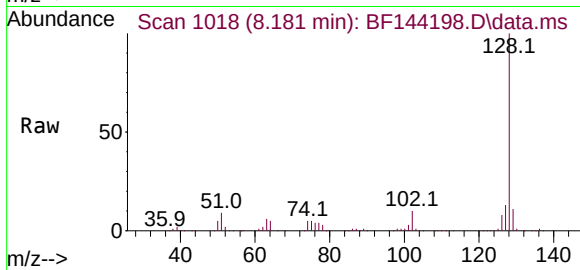
Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



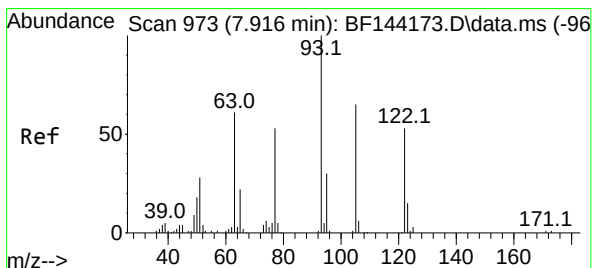
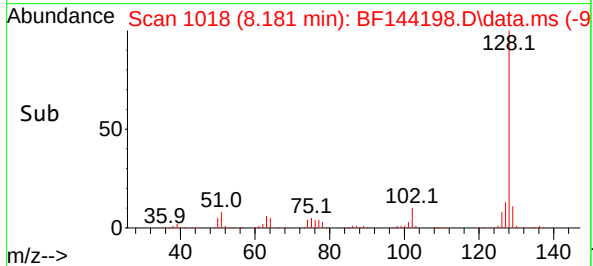
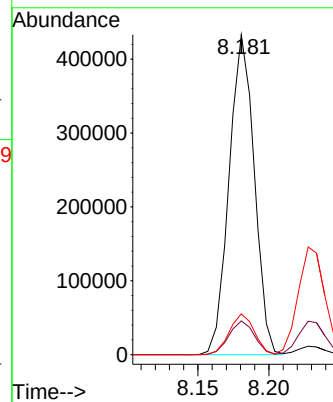
Tgt Ion:128 Resp: 534471

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

127 12.7 10.3 15.5



#32

Benzoic acid

Concen: 36.357 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.029 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

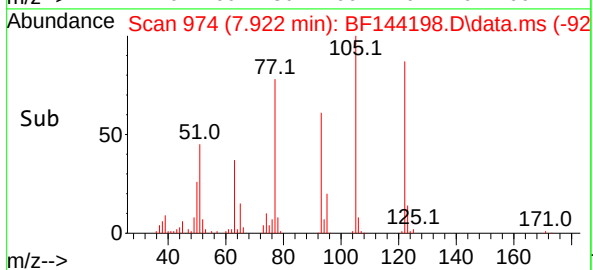
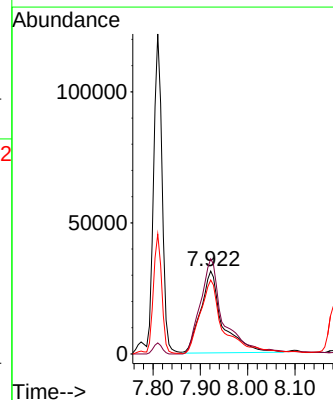
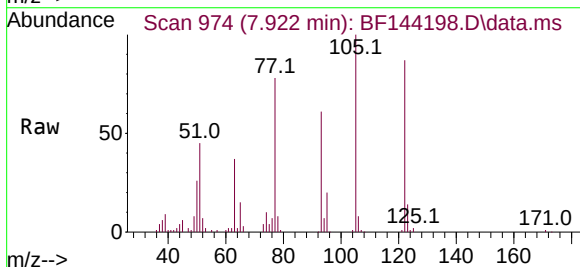
Tgt Ion:122 Resp: 100905

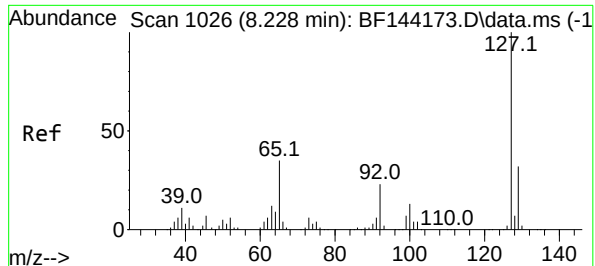
Ion Ratio Lower Upper

122 100

105 114.7 99.9 139.9

77 89.2 77.5 117.5





#33

4-Chloroaniline

Concen: 41.158 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 193834

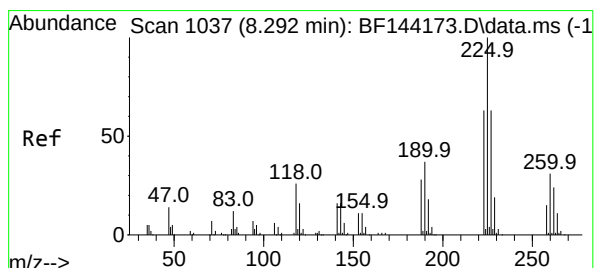
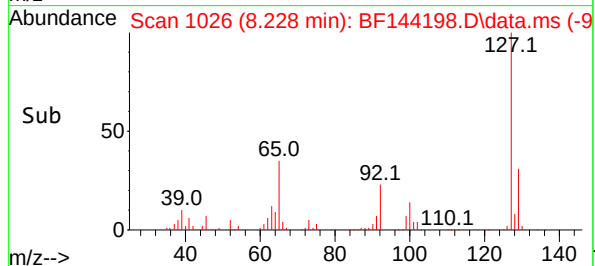
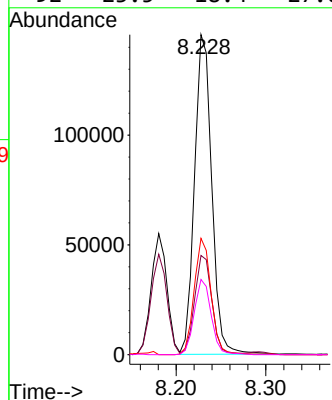
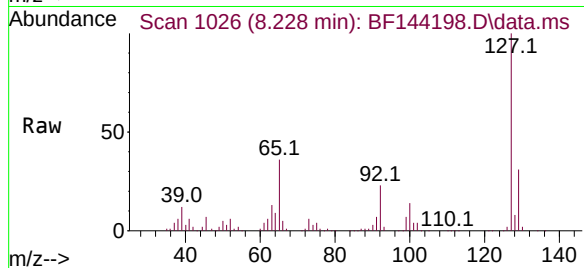
Ion Ratio Lower Upper

127 100

129 31.0 25.3 37.9

65 36.3 27.6 41.4

92 23.5 18.4 27.6



#34

Hexachlorobutadiene

Concen: 41.097 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.000 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

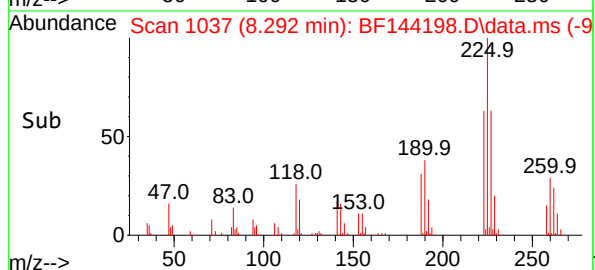
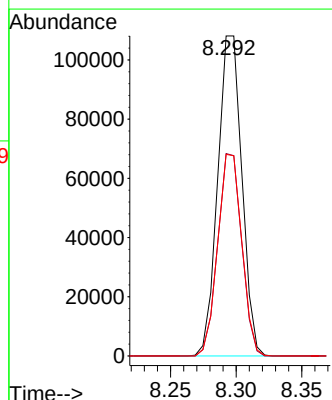
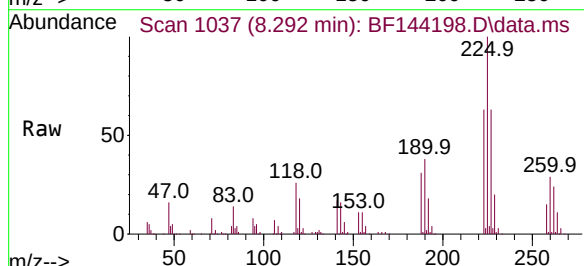
Tgt Ion:225 Resp: 138793

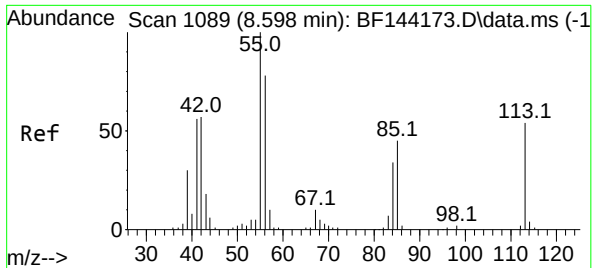
Ion Ratio Lower Upper

225 100

223 63.2 50.2 75.4

227 63.0 50.1 75.1

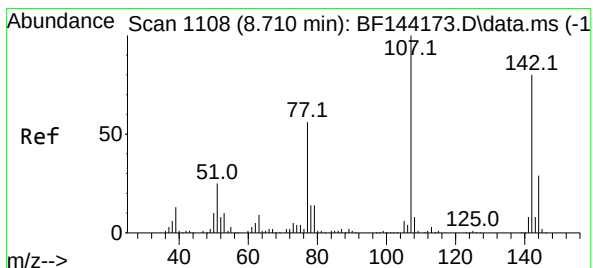
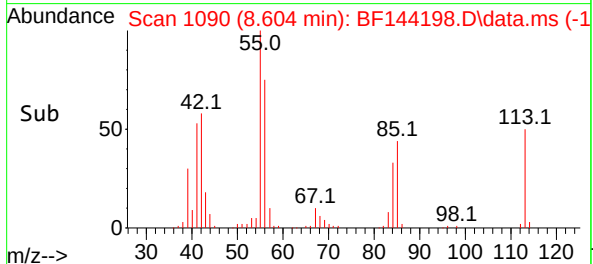
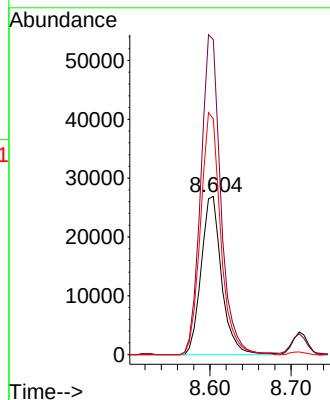
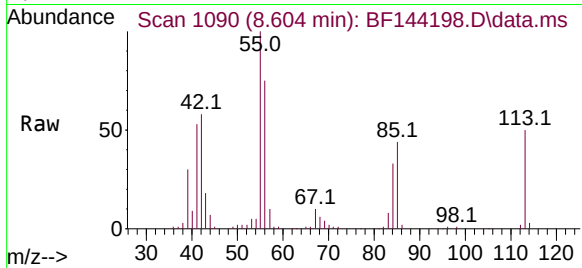




#35
Caprolactam
Concen: 39.364 ng
RT: 8.604 min Scan# 1089
Delta R.T. -0.018 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

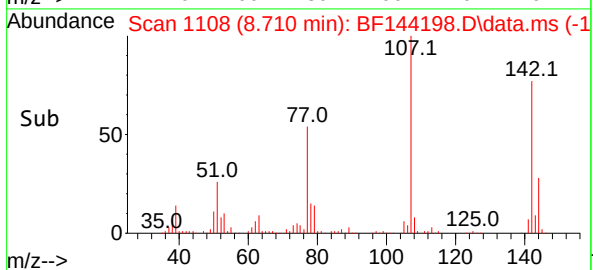
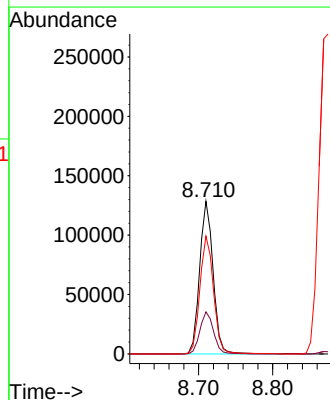
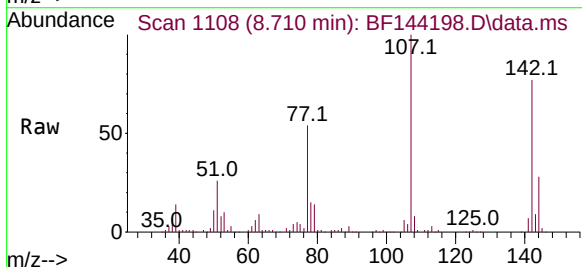
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

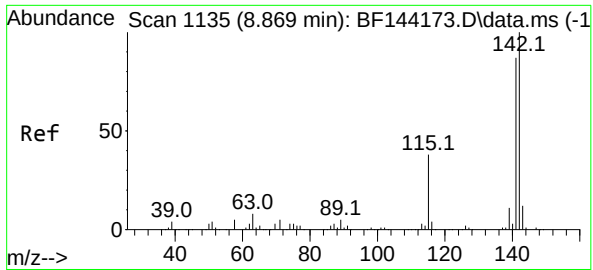
Tgt Ion:113 Resp: 47064
Ion Ratio Lower Upper
113 100
55 199.0 166.8 206.8
56 149.0 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 41.481 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:107 Resp: 162232
Ion Ratio Lower Upper
107 100
144 27.5 23.3 34.9
142 77.1 63.8 95.6





#37

2-Methylnaphthalene

Concen: 40.740 ng

RT: 8.875 min Scan# 1135

Delta R.T. 0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

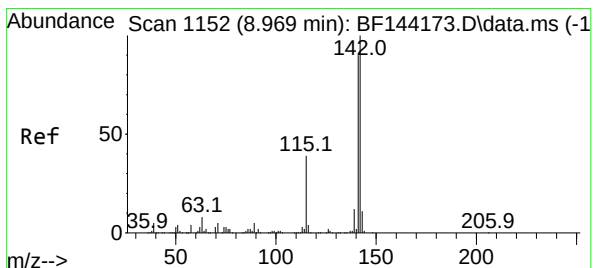
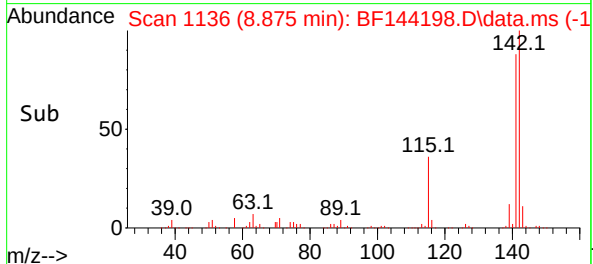
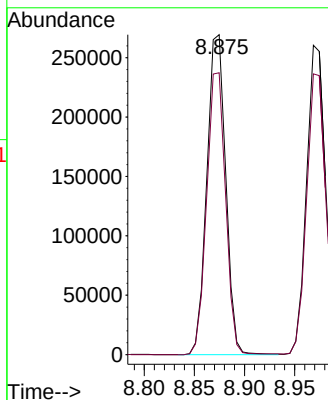
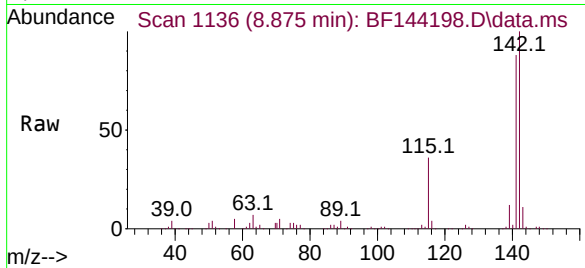
SSTDCCC040

Tgt Ion:142 Resp: 351729

Ion Ratio Lower Upper

142 100

141 88.1 69.9 104.9



#38

1-Methylnaphthalene

Concen: 40.539 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF144198.D

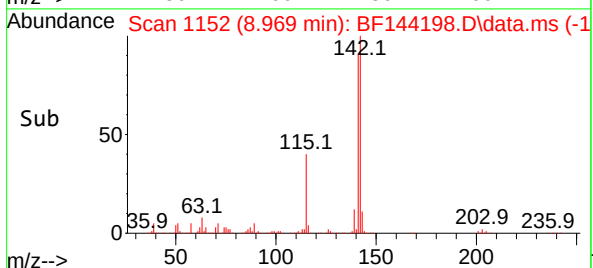
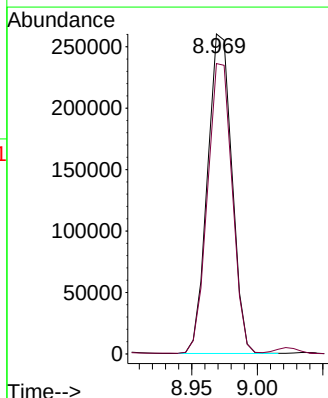
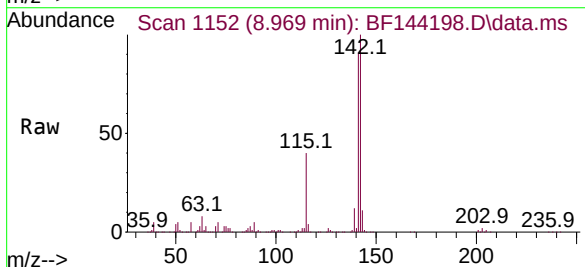
Acq: 11 Nov 2025 10:09

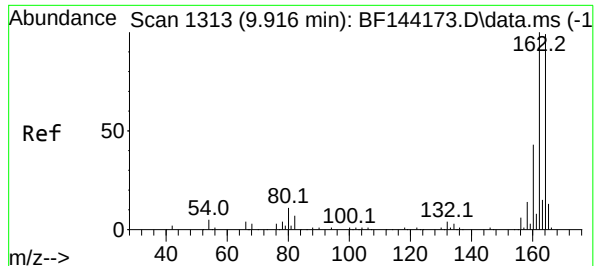
Tgt Ion:142 Resp: 337698

Ion Ratio Lower Upper

142 100

141 90.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

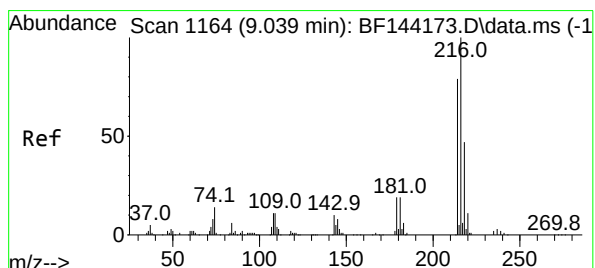
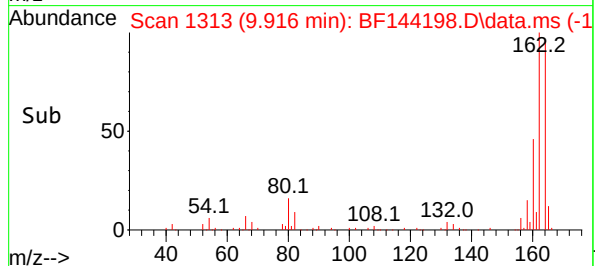
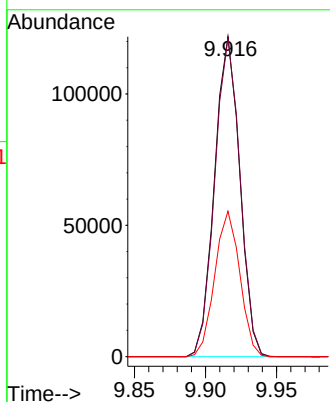
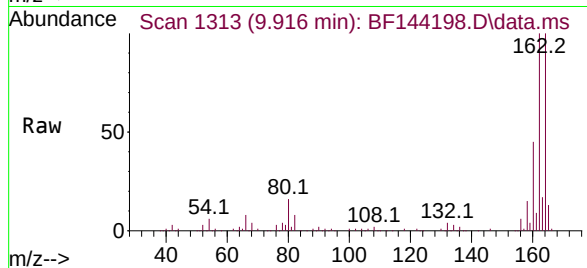
Tgt Ion:164 Resp: 150816

Ion Ratio Lower Upper

164 100

162 99.5 81.1 121.7

160 45.4 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.967 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Tgt Ion:216 Resp: 202490

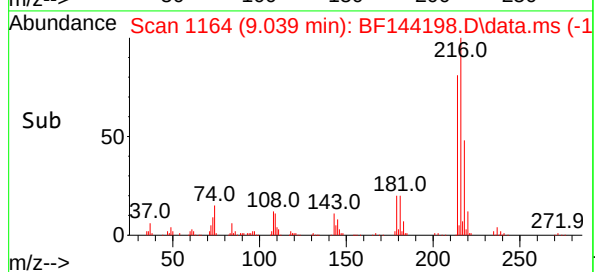
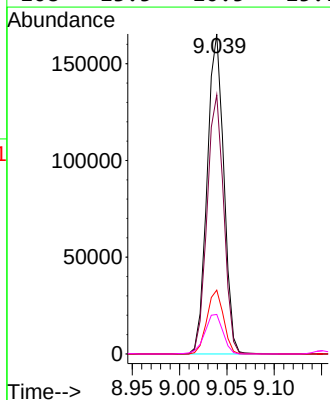
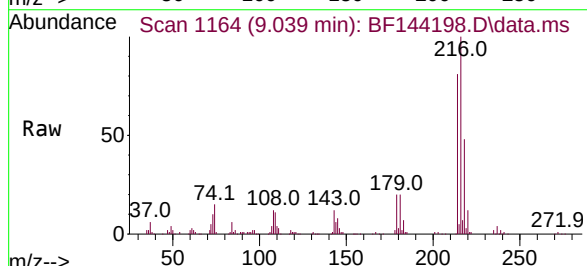
Ion Ratio Lower Upper

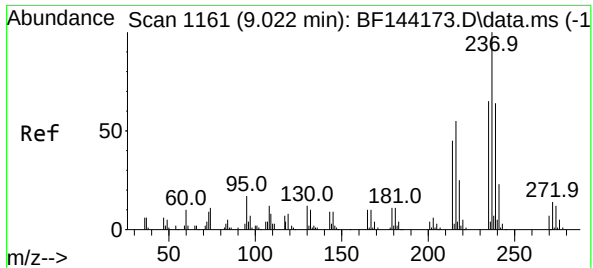
216 100

214 80.8 63.4 95.2

179 19.8 15.0 22.4

108 13.5 10.5 15.7

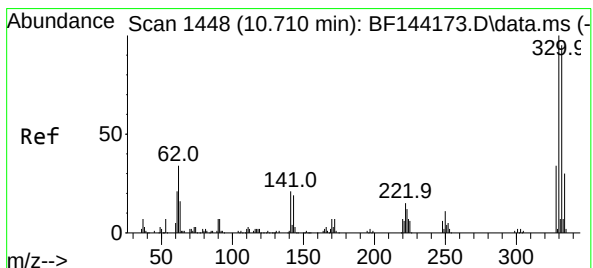
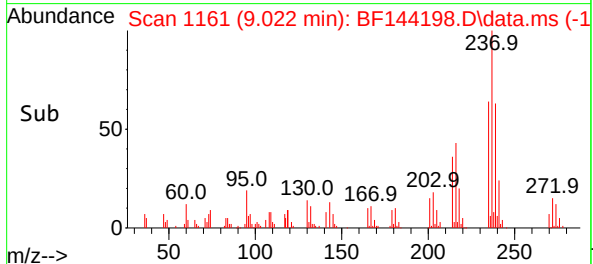
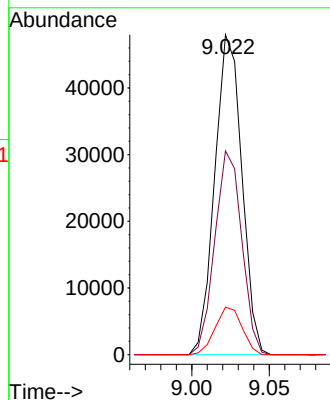
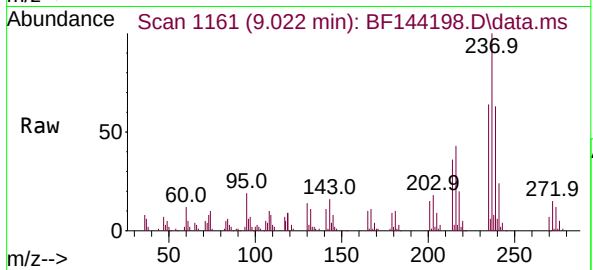




#41
Hexachlorocyclopentadiene
Concen: 39.027 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

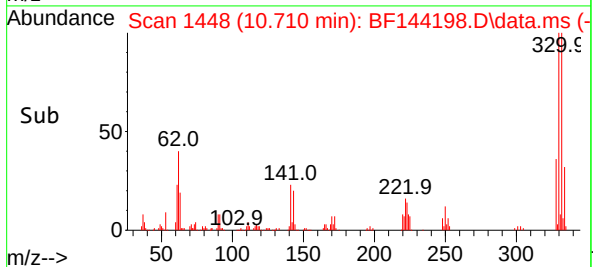
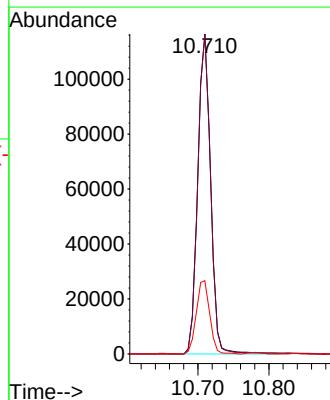
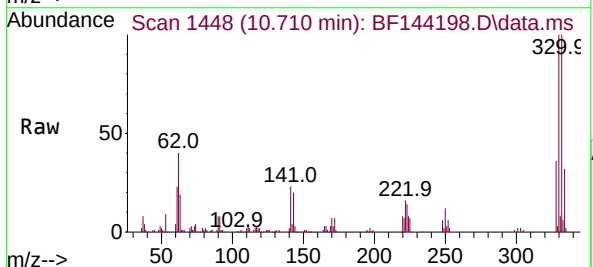
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

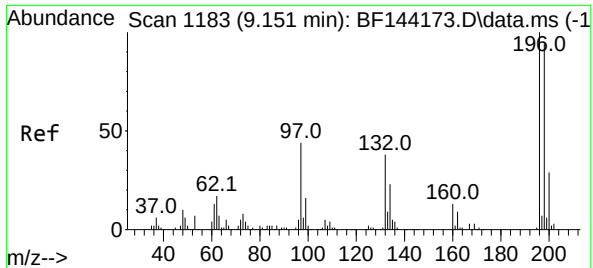
Tgt Ion:237 Resp: 58396
Ion Ratio Lower Upper
237 100
235 63.7 45.5 85.5
272 14.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 77.364 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:330 Resp: 146416
Ion Ratio Lower Upper
330 100
332 99.1 76.7 115.1
141 23.9 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 40.885 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

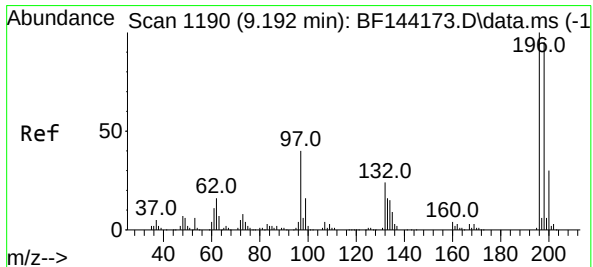
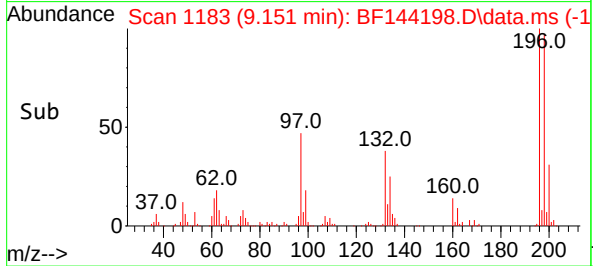
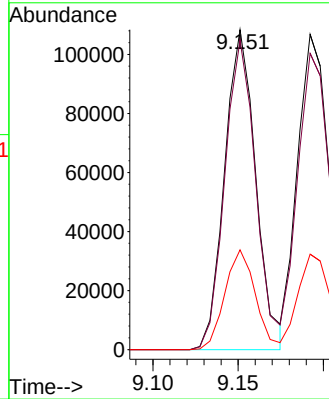
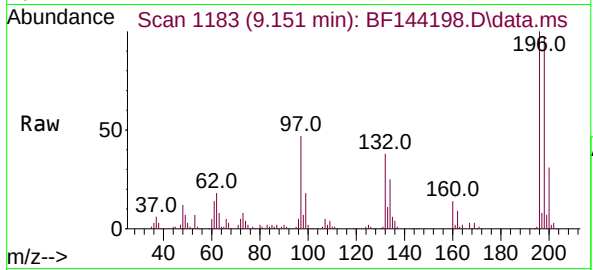
Tgt Ion:196 Resp: 137540

Ion Ratio Lower Upper

196 100

198 96.7 75.3 112.9

200 31.2 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 39.469 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Tgt Ion:196 Resp: 143106

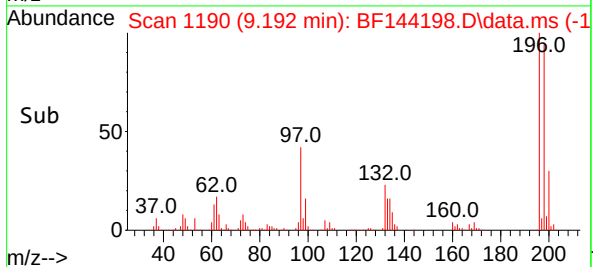
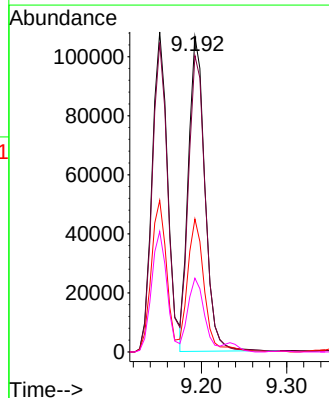
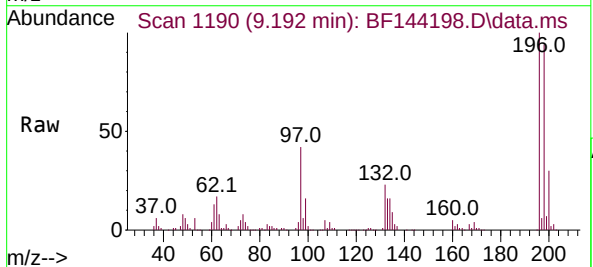
Ion Ratio Lower Upper

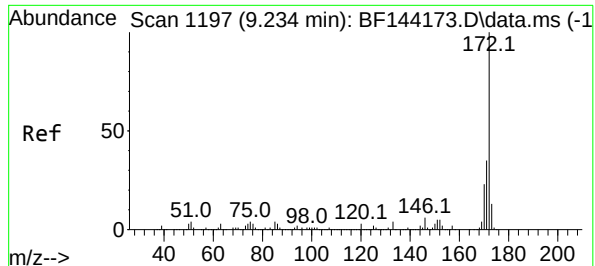
196 100

198 94.0 76.1 114.1

97 42.2 31.9 47.9

132 23.4 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 79.108 ng

RT: 9.233 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

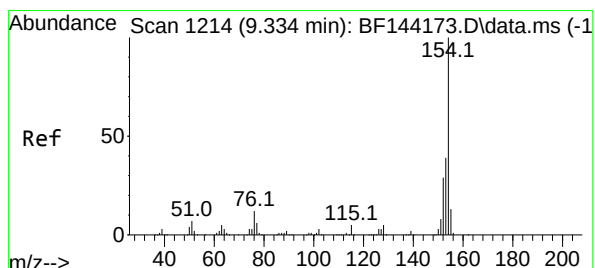
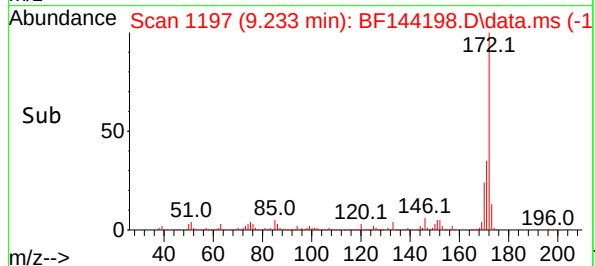
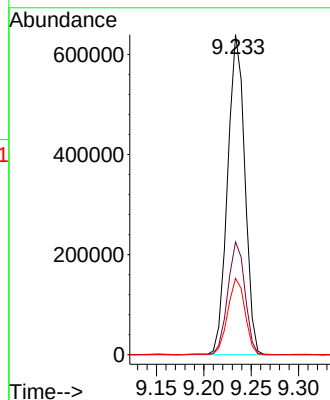
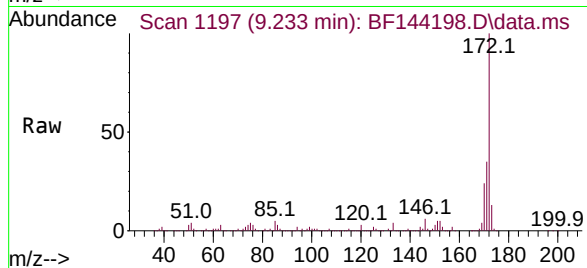
Tgt Ion:172 Resp: 807802

Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.9 18.6 28.0



#46

1,1'-Biphenyl

Concen: 40.895 ng

RT: 9.333 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

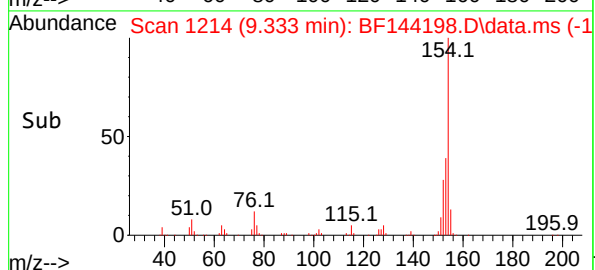
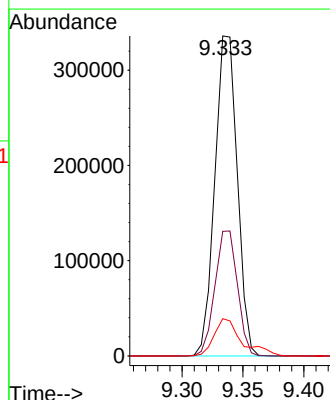
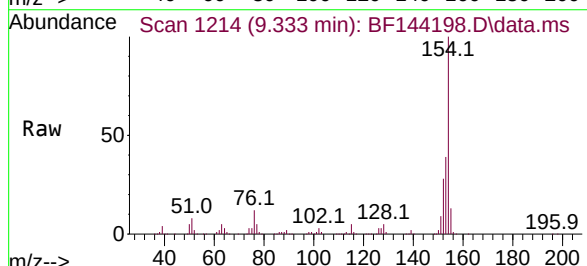
Tgt Ion:154 Resp: 430515

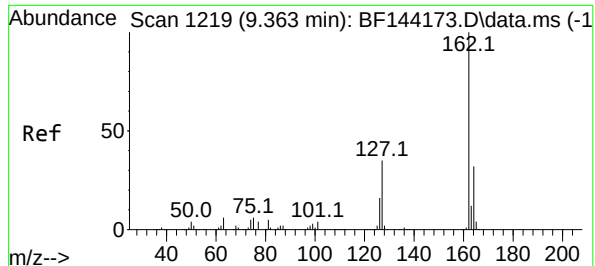
Ion Ratio Lower Upper

154 100

153 38.9 19.2 59.2

76 11.6 0.0 31.8





#47

2-Chloronaphthalene

Concen: 40.928 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

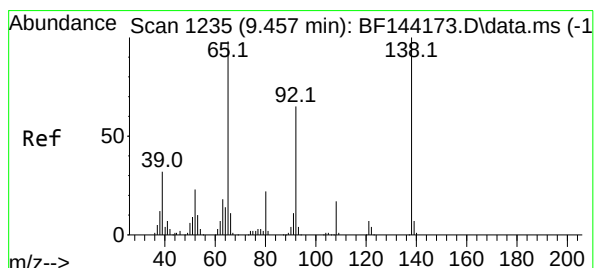
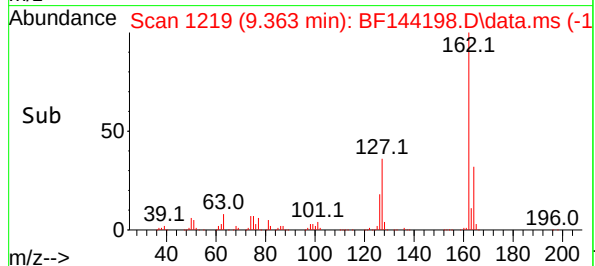
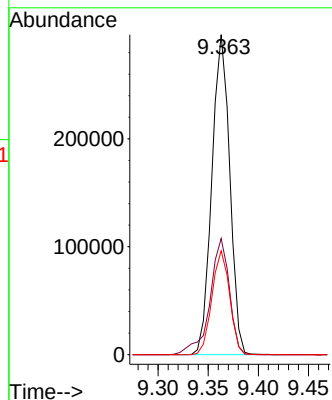
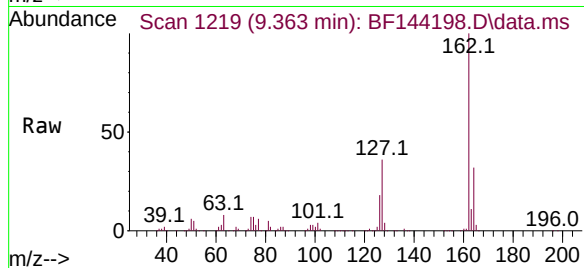
Tgt Ion:162 Resp: 367534

Ion Ratio Lower Upper

162 100

127 36.3 28.8 43.2

164 32.4 25.8 38.8



#48

2-Nitroaniline

Concen: 43.722 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

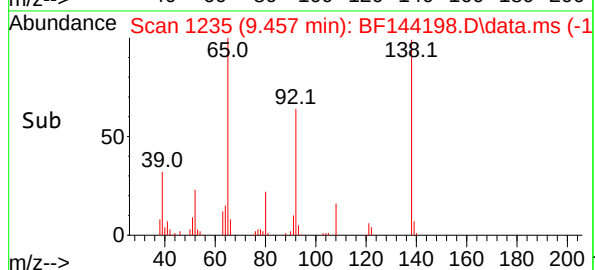
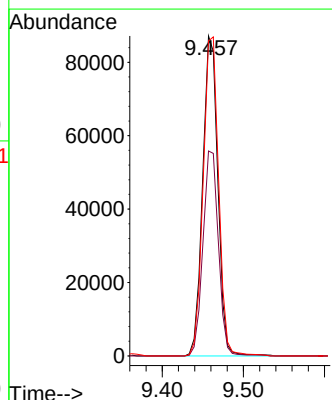
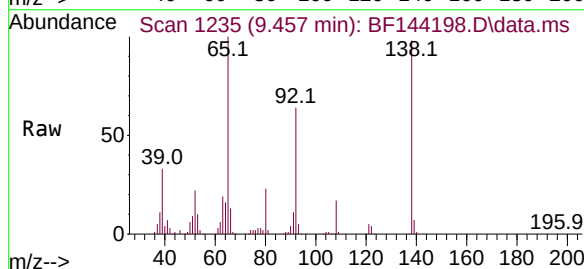
Tgt Ion: 65 Resp: 113284

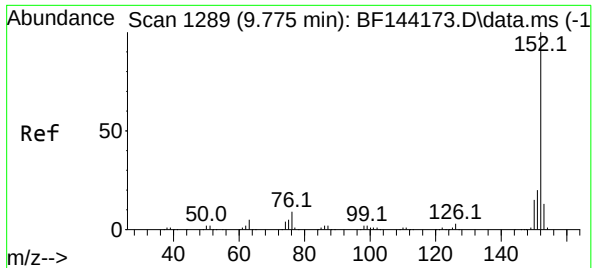
Ion Ratio Lower Upper

65 100

92 64.0 53.0 79.6

138 98.4 81.6 122.4





#49

Acenaphthylene

Concen: 40.591 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.000 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

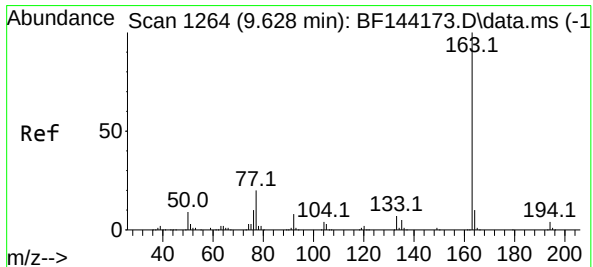
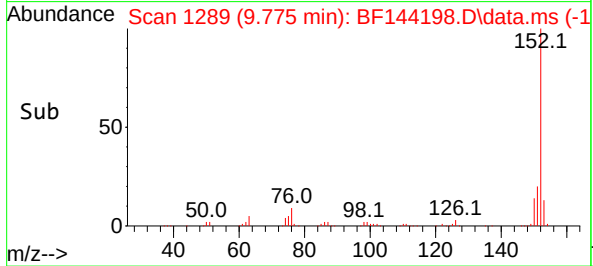
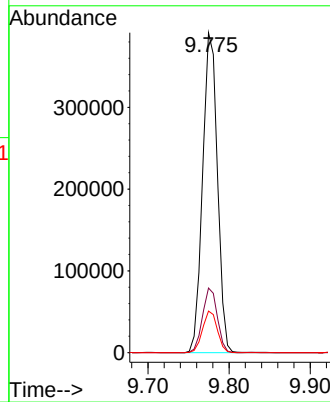
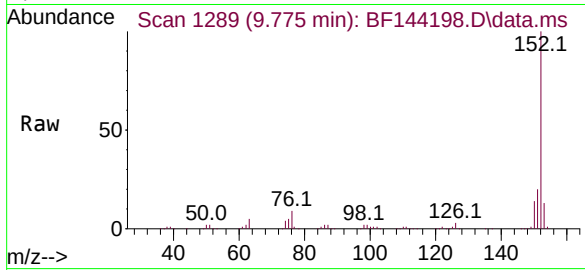
Tgt Ion:152 Resp: 496729

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 40.861 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

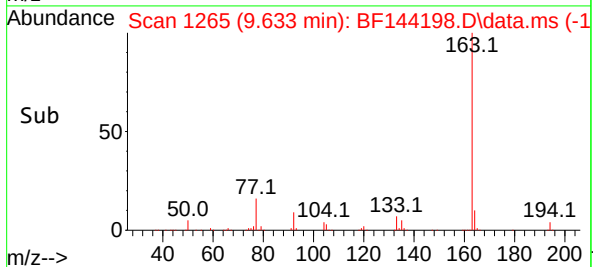
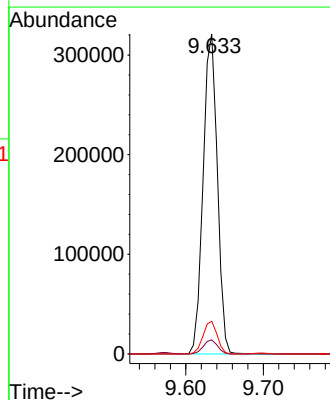
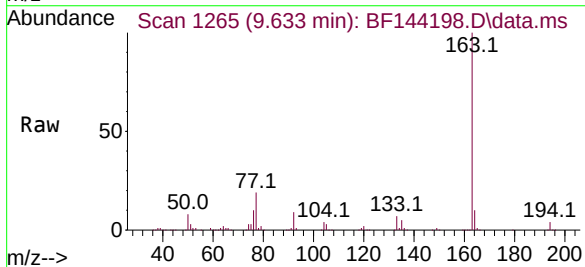
Tgt Ion:163 Resp: 408251

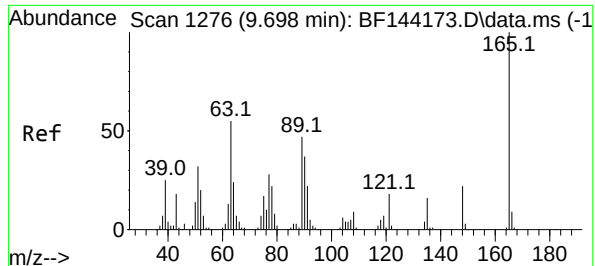
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 42.865 ng

RT: 9.698 min Scan# 1276

Delta R.T. 0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

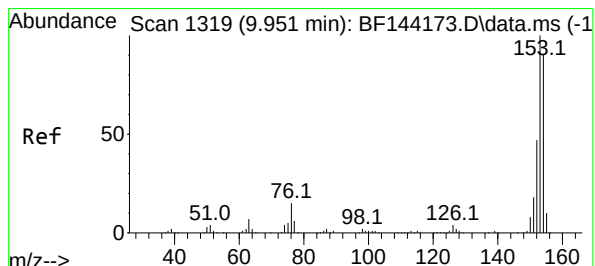
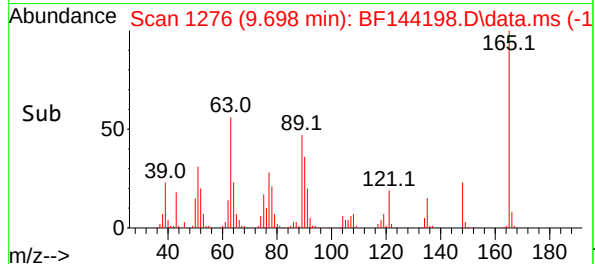
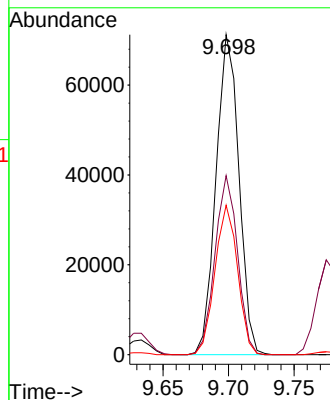
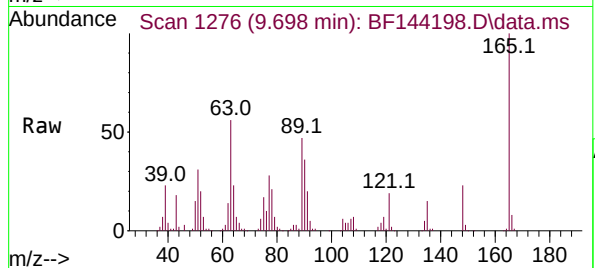
Tgt Ion:165 Resp: 86697

Ion Ratio Lower Upper

165 100

63 55.9 43.8 65.8

89 46.7 37.5 56.3



#52

Acenaphthene

Concen: 40.511 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

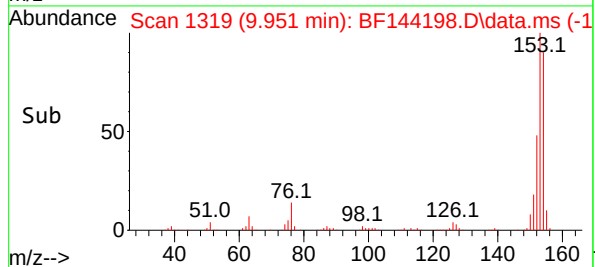
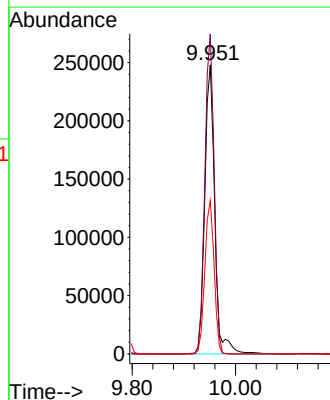
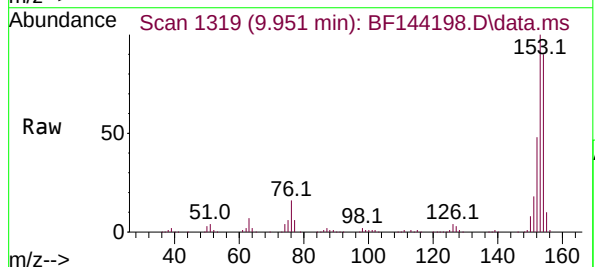
Tgt Ion:154 Resp: 331509

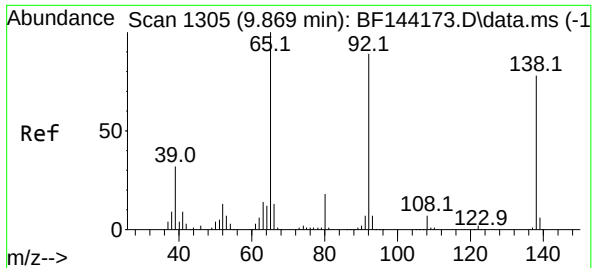
Ion Ratio Lower Upper

154 100

153 110.7 89.0 133.4

152 53.0 42.2 63.4

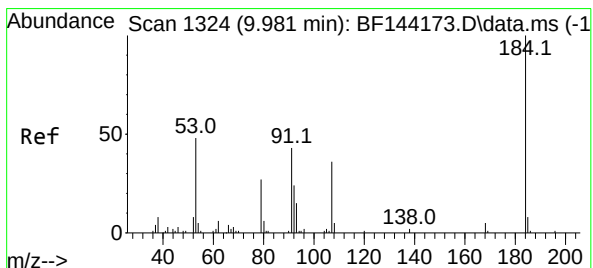
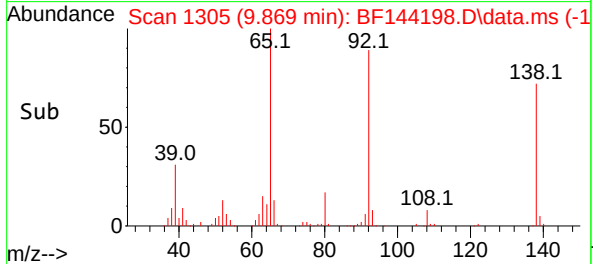
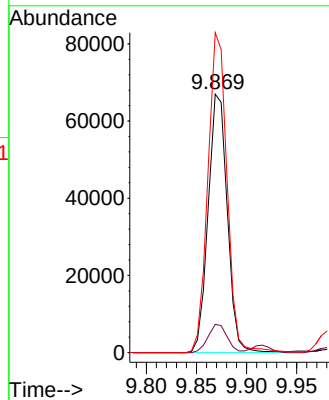
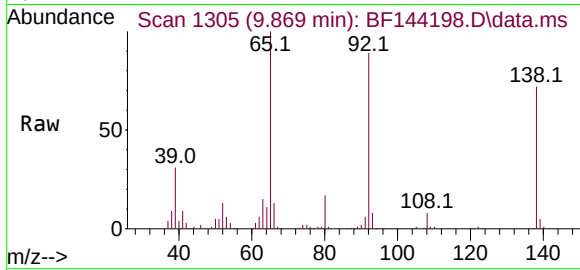




#53
3-Nitroaniline
Concen: 40.190 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

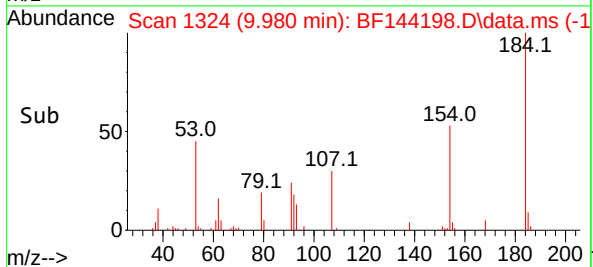
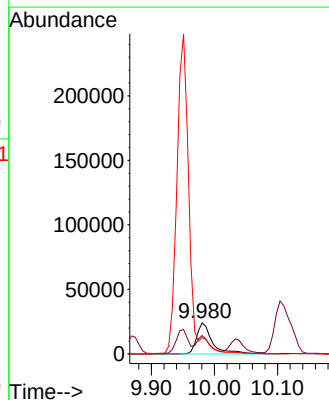
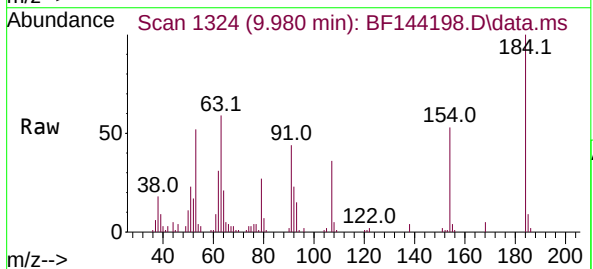
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

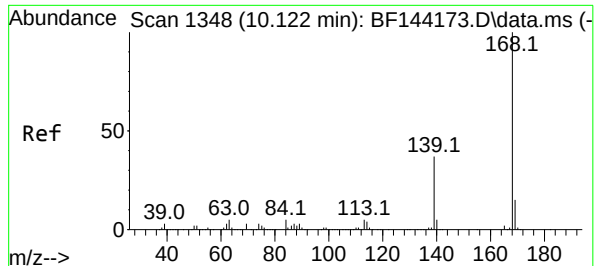
Tgt Ion:138 Resp: 88858
Ion Ratio Lower Upper
138 100
108 10.9 7.5 11.3
92 123.8 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 34.075 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:184 Resp: 41617
Ion Ratio Lower Upper
184 100
63 59.2 44.0 66.0
154 52.6 42.4 63.6





#55

Dibenzofuran

Concen: 39.968 ng

RT: 10.122 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

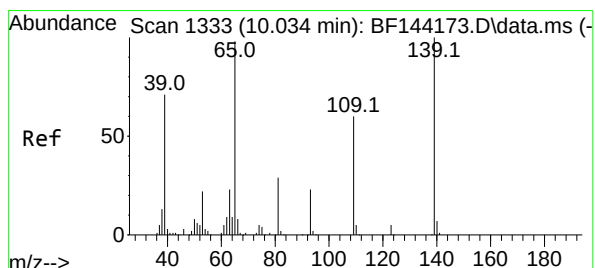
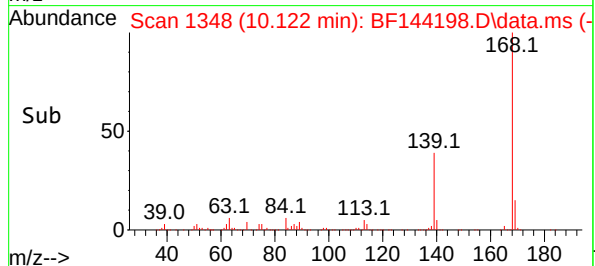
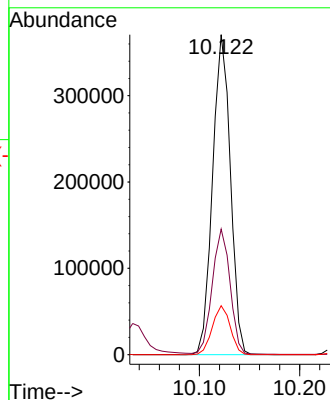
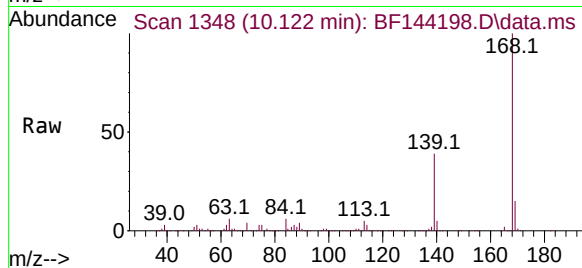
Tgt Ion:168 Resp: 458069

Ion Ratio Lower Upper

168 100

139 39.2 30.2 45.2

169 15.3 12.2 18.4



#56

4-Nitrophenol

Concen: 34.763 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

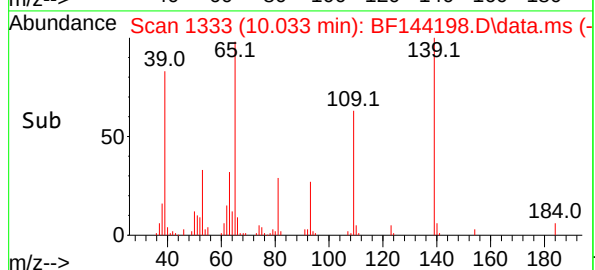
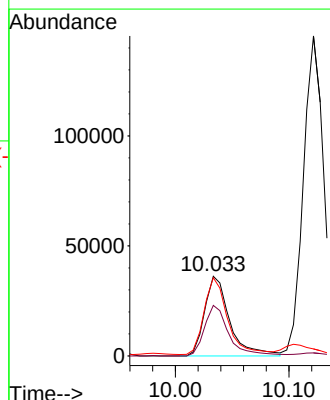
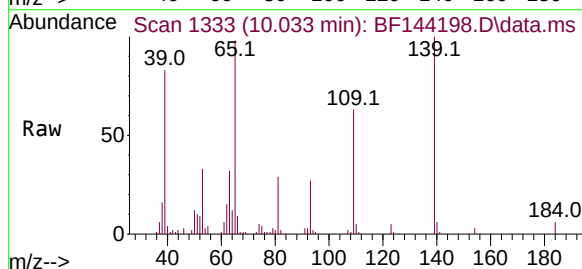
Tgt Ion:139 Resp: 55598

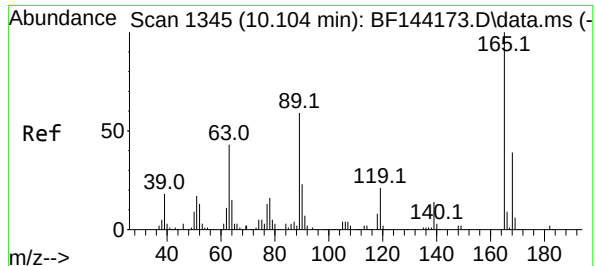
Ion Ratio Lower Upper

139 100

109 63.5 39.9 79.9

65 98.3 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 40.748 ng

RT: 10.104 min Scan# 1345

Delta R.T. 0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 110330

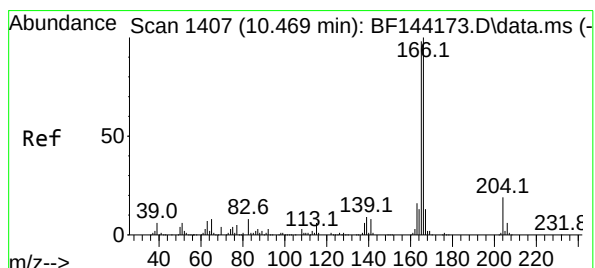
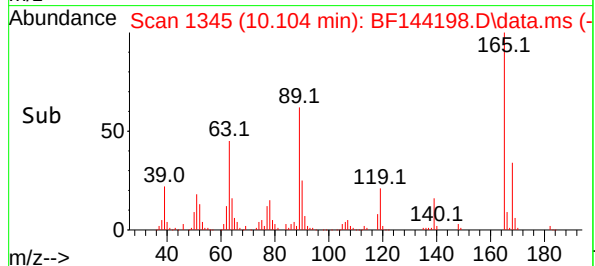
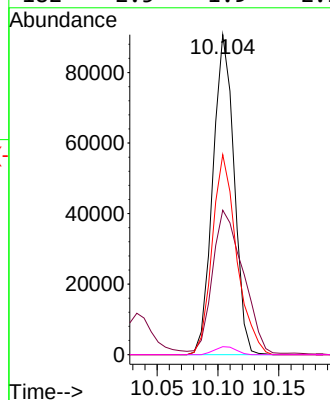
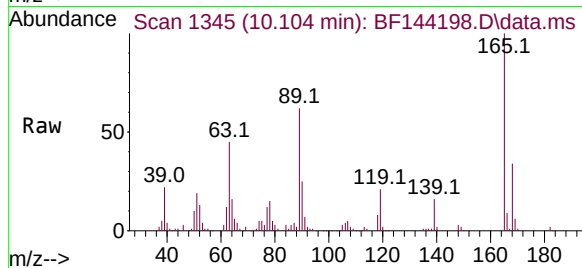
Ion Ratio Lower Upper

165 100

63 45.1 35.5 53.3

89 62.5 47.4 71.2

182 2.5 1.9 2.9



#58

Fluorene

Concen: 40.383 ng

RT: 10.469 min Scan# 1407

Delta R.T. 0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

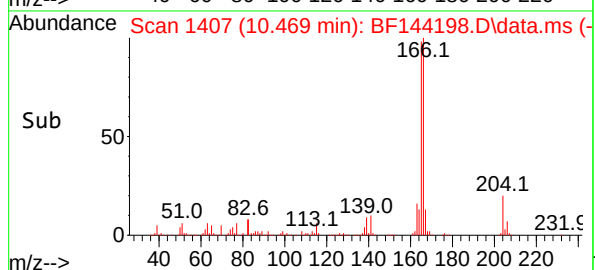
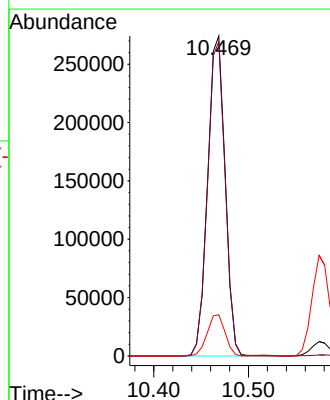
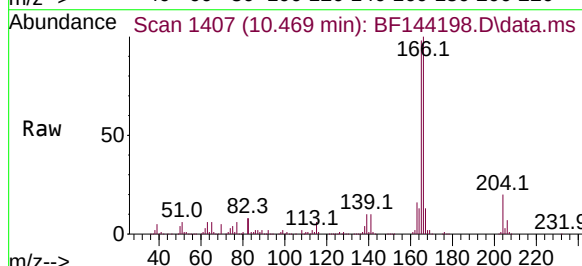
Tgt Ion:166 Resp: 351893

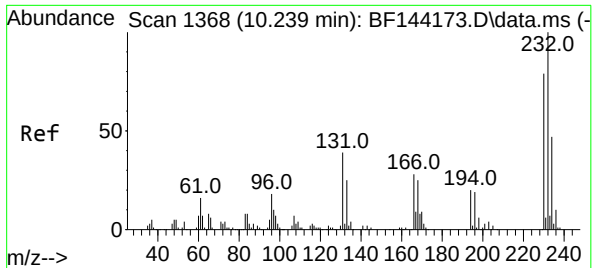
Ion Ratio Lower Upper

166 100

165 98.1 78.6 118.0

167 12.9 10.4 15.6

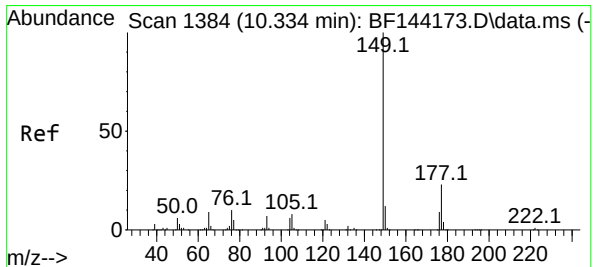
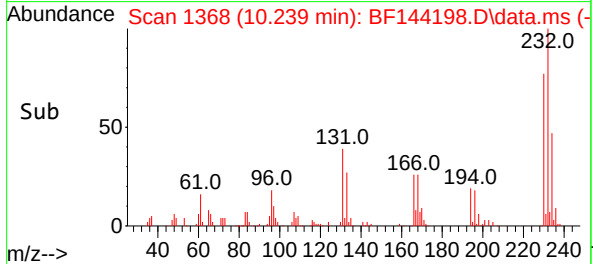
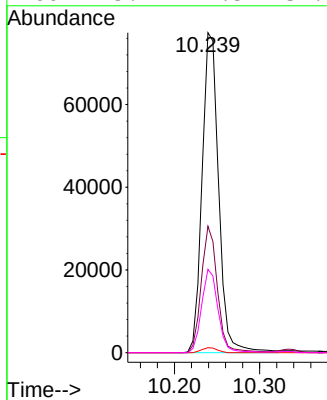
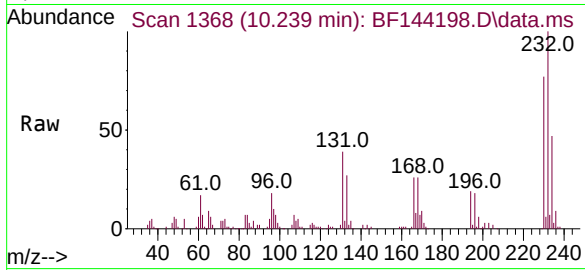




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.773 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

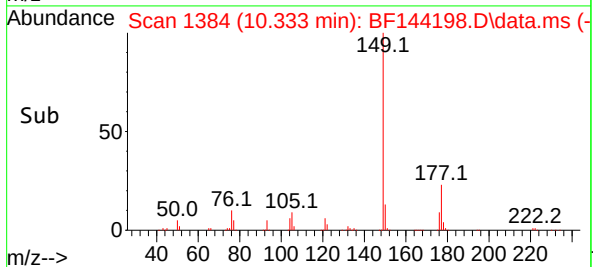
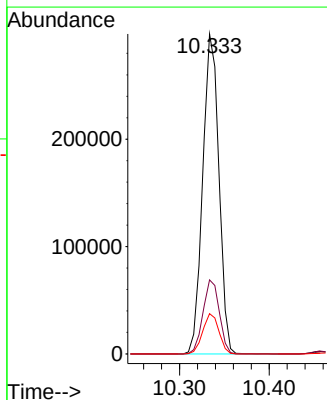
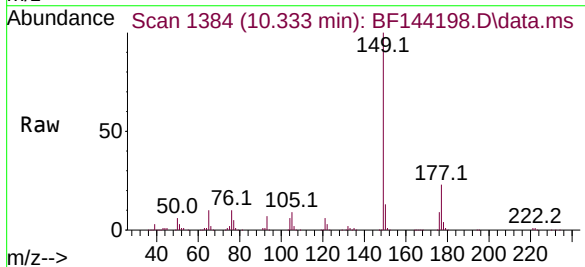
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

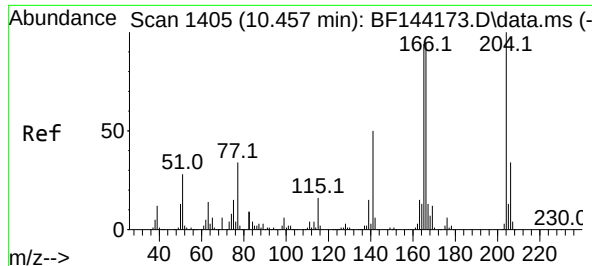
Tgt Ion:232 Resp: 104592
Ion Ratio Lower Upper
232 100
131 38.3 30.3 45.5
130 1.4 1.2 1.8
166 25.7 21.5 32.3



#60
Diethylphthalate
Concen: 40.626 ng
RT: 10.333 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:149 Resp: 374181
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 12.6 9.8 14.6

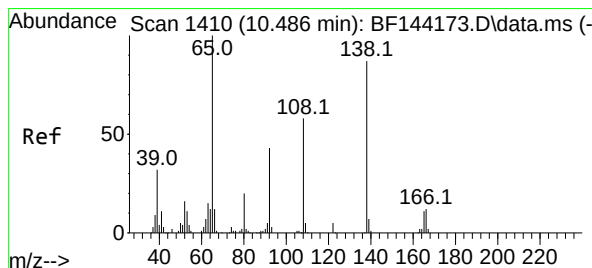
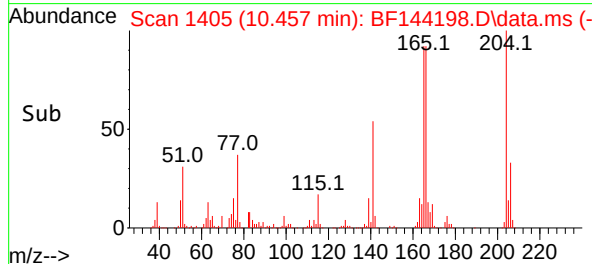
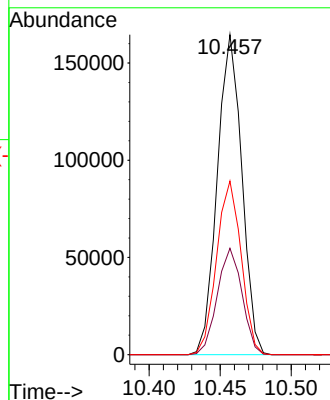
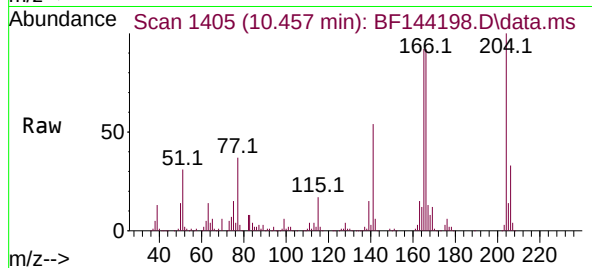




#61
4-Chlorophenyl-phenylether
Concen: 39.846 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

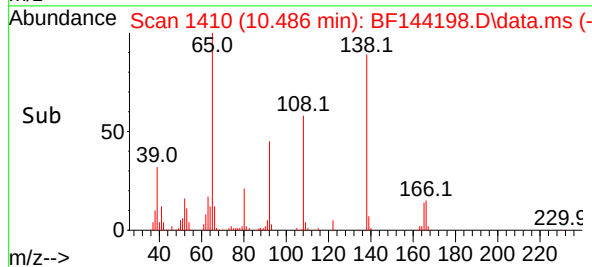
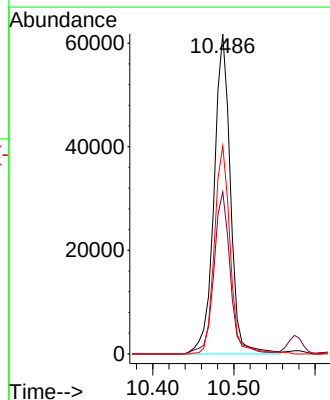
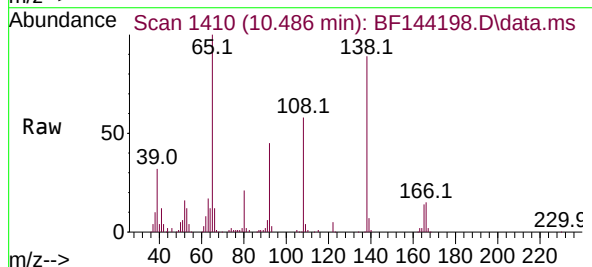
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

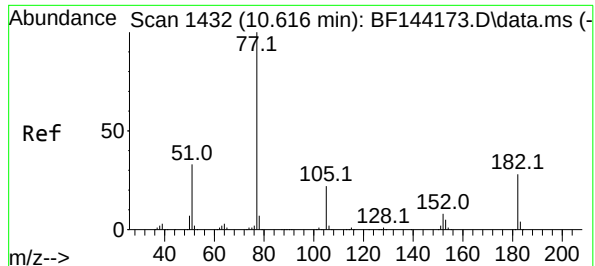
Tgt Ion:204 Resp: 197779
Ion Ratio Lower Upper
204 100
206 33.3 27.4 41.2
141 54.2 40.0 60.0



#62
4-Nitroaniline
Concen: 41.136 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:138 Resp: 86613
Ion Ratio Lower Upper
138 100
92 50.6 29.4 69.4
108 65.0 46.4 86.4

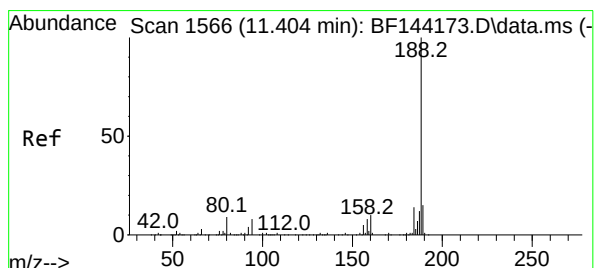
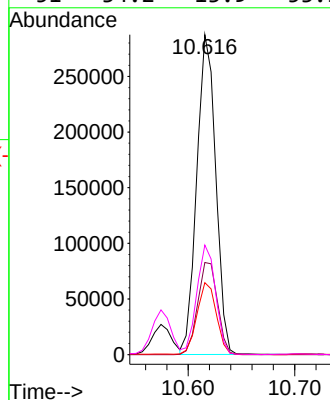
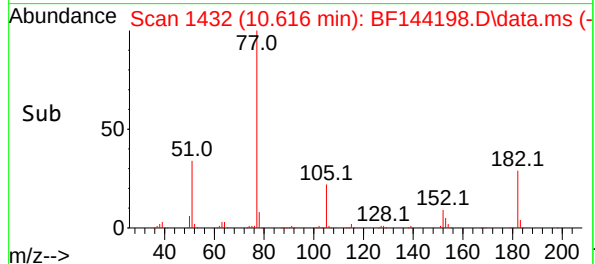
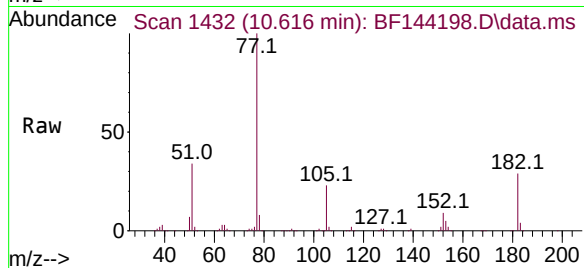




#63
Azobenzene
Concen: 41.456 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

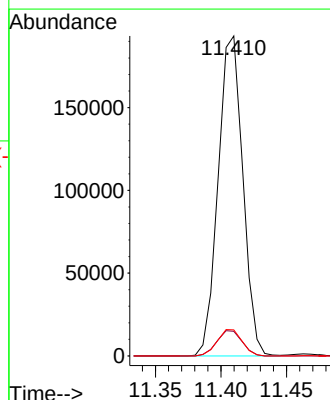
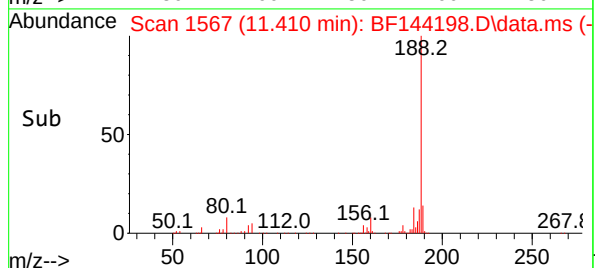
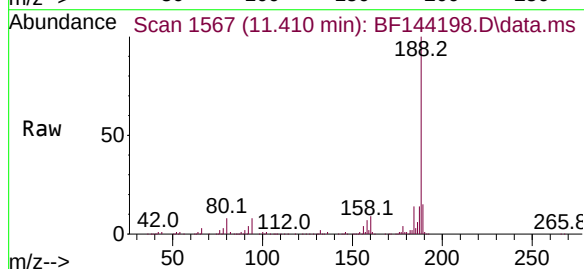
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

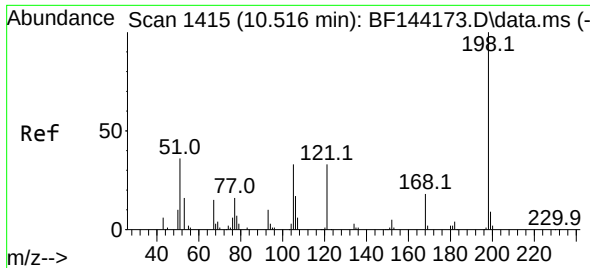
Tgt Ion: 77 Resp: 355358
Ion Ratio Lower Upper
77 100
182 28.8 8.1 48.1
105 22.5 2.0 42.0
51 34.2 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion: 188 Resp: 253608
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 8.1 6.9 10.3

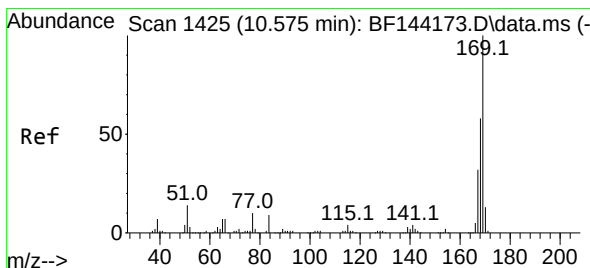
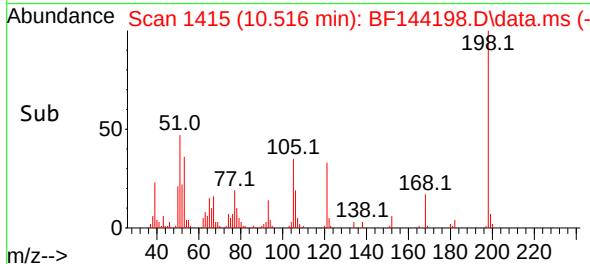
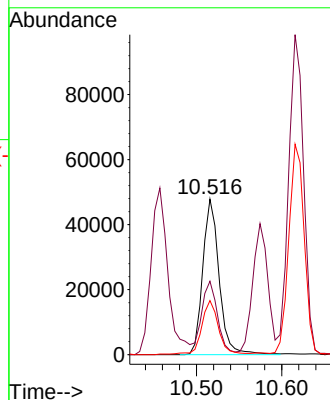
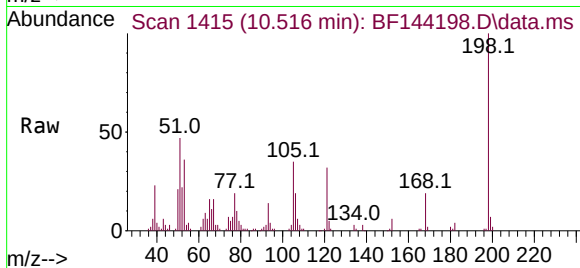




#65
4,6-Dinitro-2-methylphenol
Concen: 37.036 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

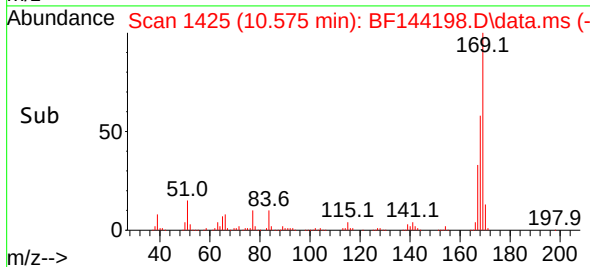
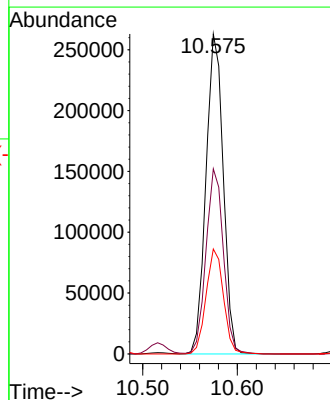
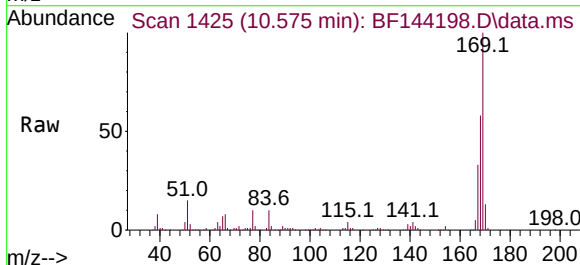
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

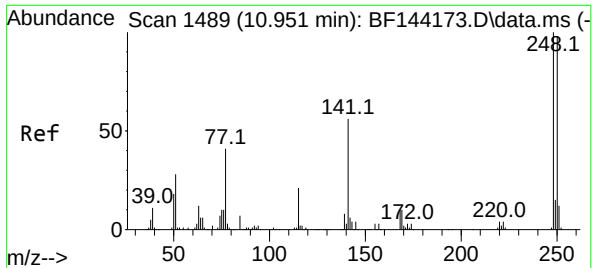
Tgt Ion	Ratio	Lower	Upper
198	100		
51	47.3	25.6	65.6
105	34.7	14.6	54.6



#66
n-Nitrosodiphenylamine
Concen: 40.851 ng
RT: 10.575 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion	Ratio	Lower	Upper
169	100		
168	57.8	46.2	69.2
167	32.8	25.7	38.5

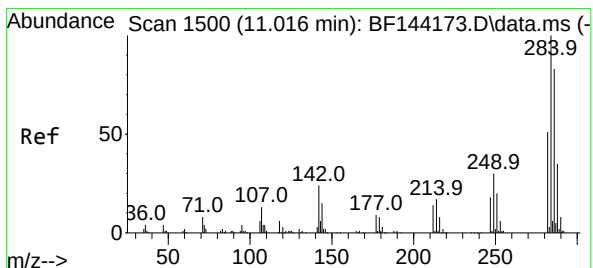
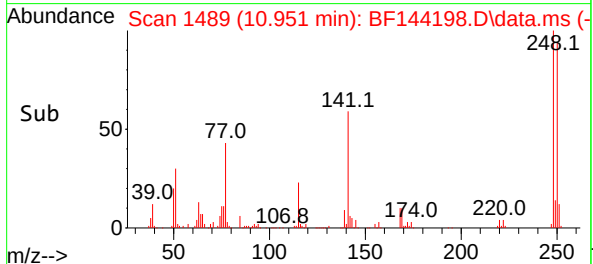
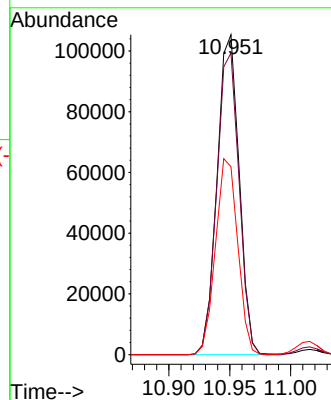
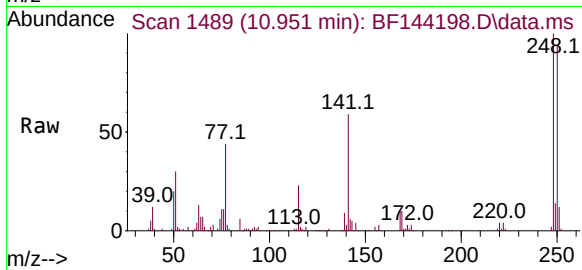




#67
4-Bromophenyl-phenylether
Concen: 41.051 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

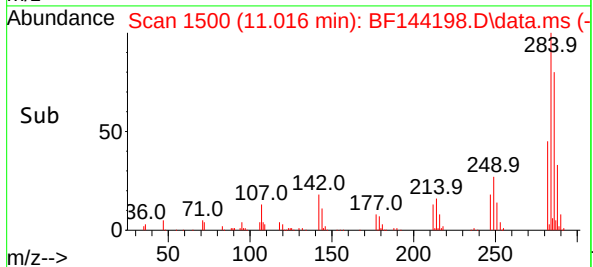
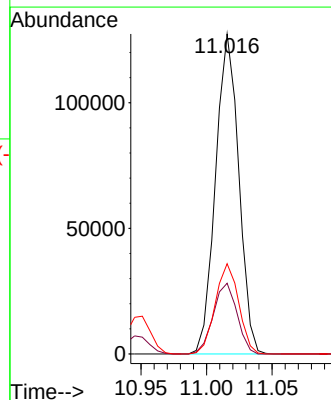
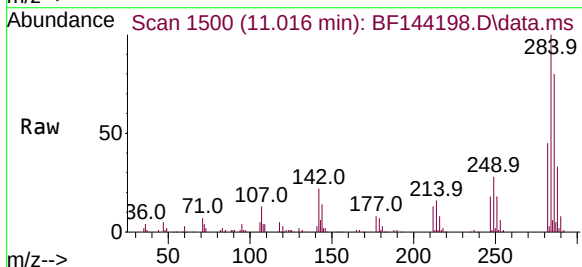
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

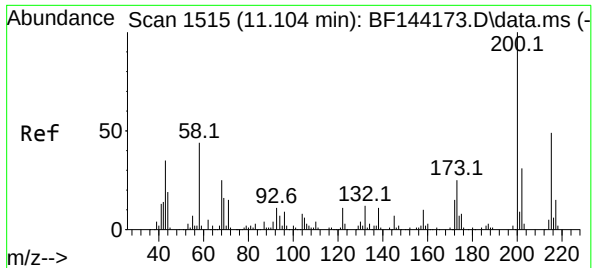
Tgt Ion:248 Resp: 132885
Ion Ratio Lower Upper
248 100
250 94.2 78.4 117.6
141 58.8 45.1 67.7



#68
Hexachlorobenzene
Concen: 41.159 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:284 Resp: 156932
Ion Ratio Lower Upper
284 100
142 22.1 19.2 28.8
249 28.2 23.8 35.8





#69

Atrazine

Concen: 40.143 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

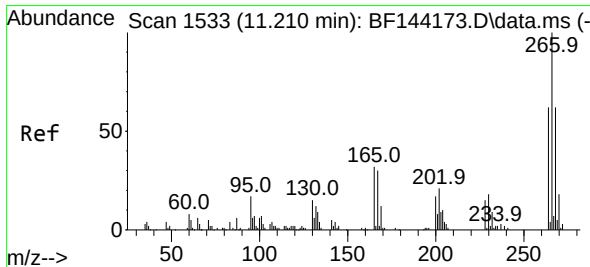
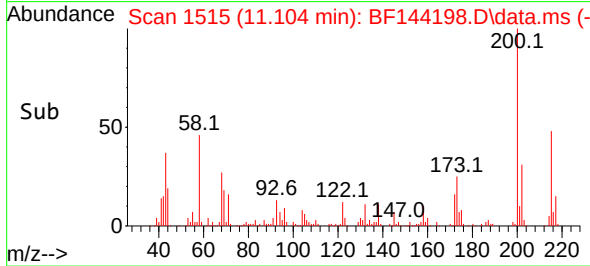
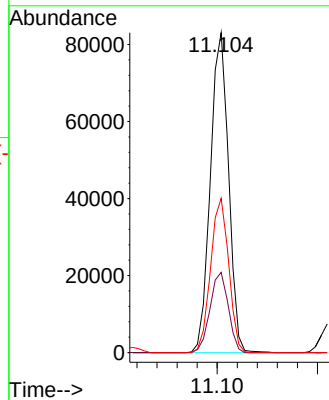
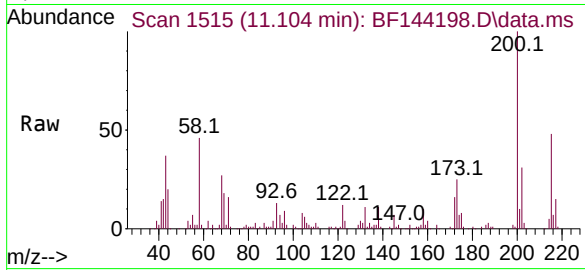
Tgt Ion:200 Resp: 104132

Ion Ratio Lower Upper

200 100

173 25.1 5.0 45.0

215 48.2 28.7 68.7



#70

Pentachlorophenol

Concen: 36.877 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

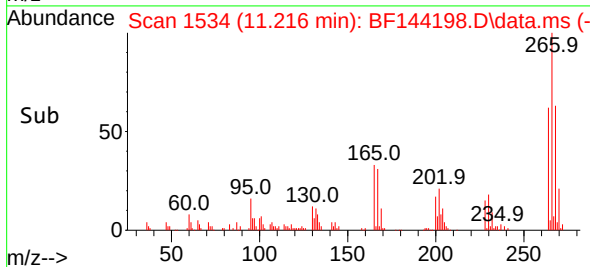
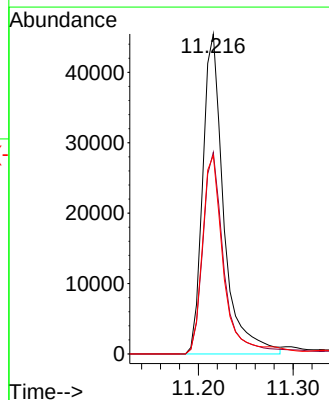
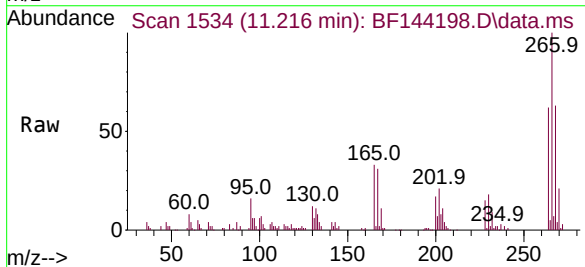
Tgt Ion:266 Resp: 70017

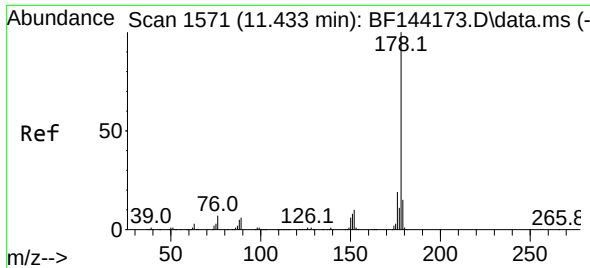
Ion Ratio Lower Upper

266 100

268 63.0 49.5 74.3

264 62.0 49.4 74.2

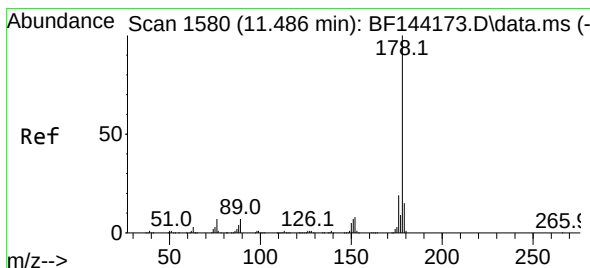
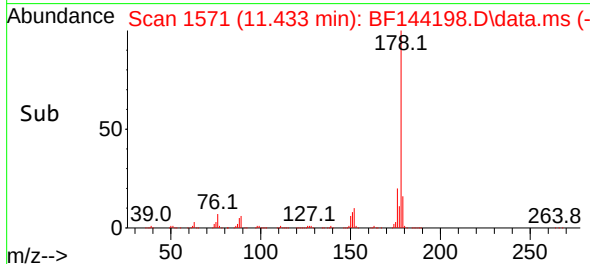
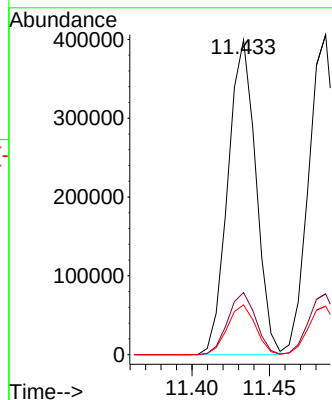
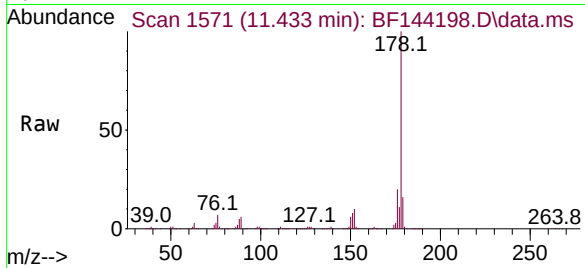




#71
Phenanthrene
Concen: 39.635 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

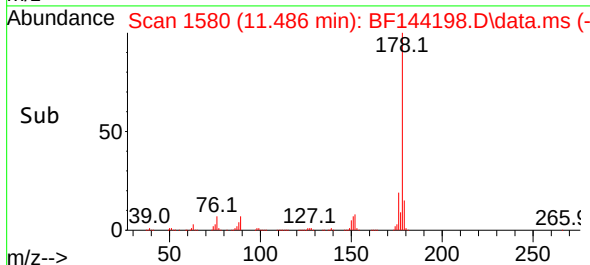
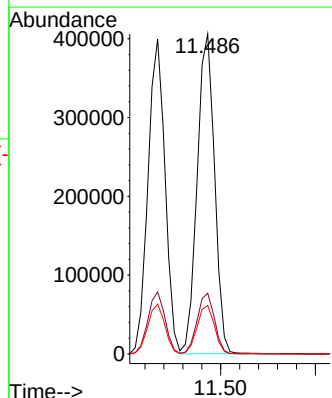
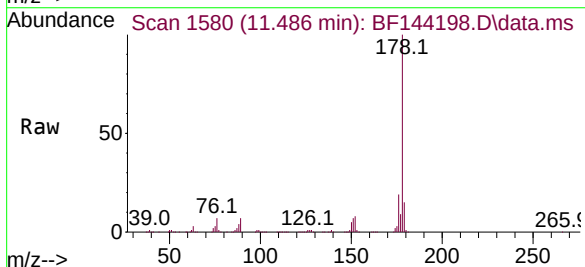
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

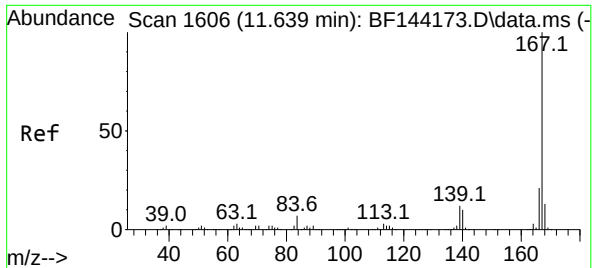
Tgt Ion:178 Resp: 500461
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.8 12.2 18.4



#72
Anthracene
Concen: 40.246 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:178 Resp: 516728
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.1 12.0 18.0

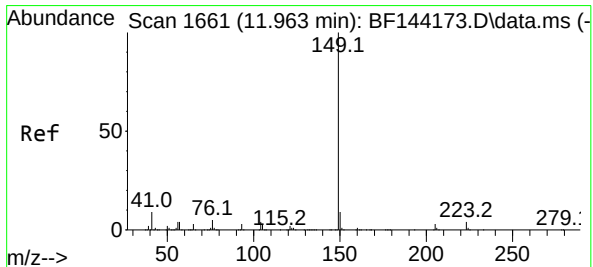
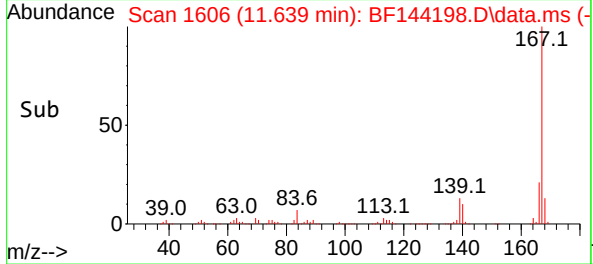
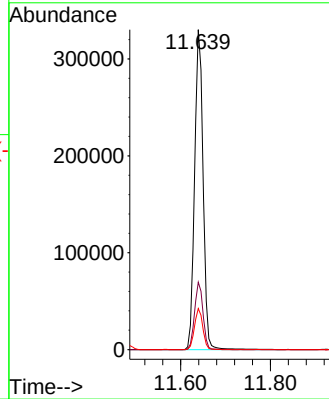
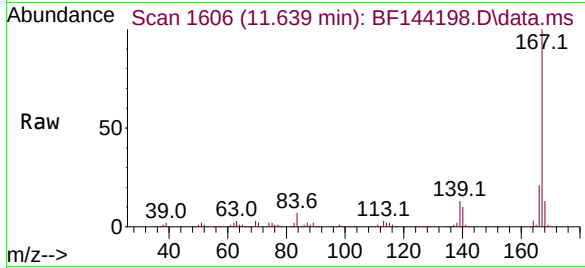




#73
Carbazole
Concen: 39.597 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

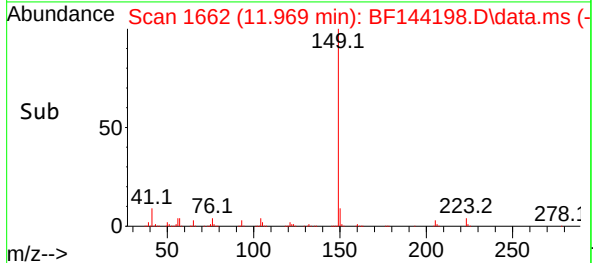
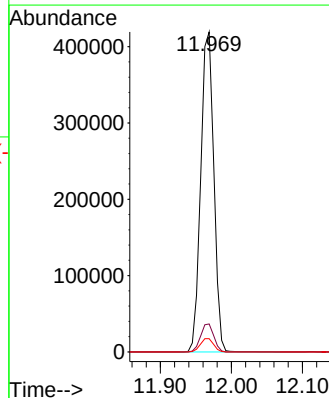
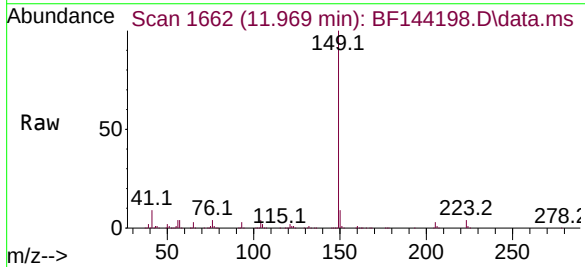
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

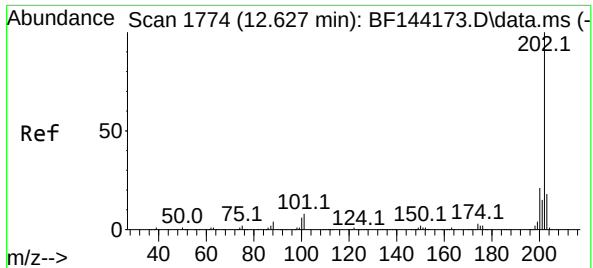
Tgt Ion:167 Resp: 432310
Ion Ratio Lower Upper
167 100
166 21.1 17.2 25.8
139 12.8 9.9 14.9



#74
Di-n-butylphthalate
Concen: 40.329 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:149 Resp: 532269
Ion Ratio Lower Upper
149 100
150 8.7 7.4 11.0
104 4.1 3.4 5.2

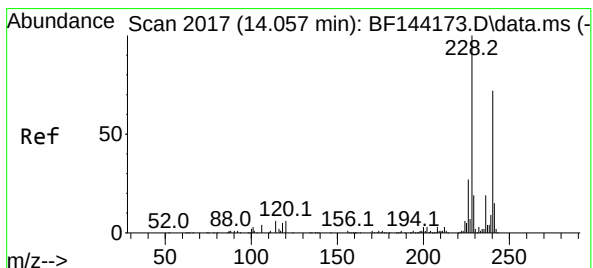
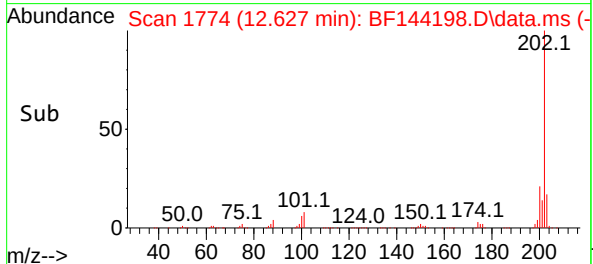
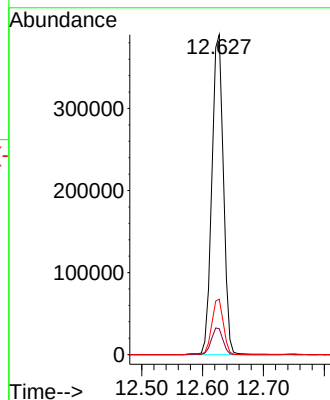
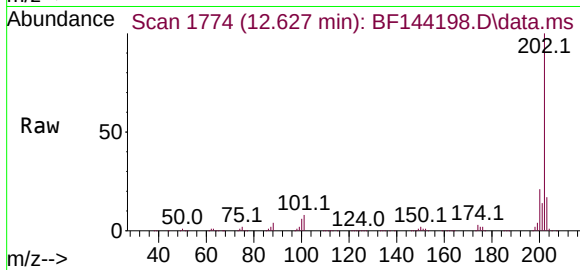




#75
Fluoranthene
Concen: 39.444 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

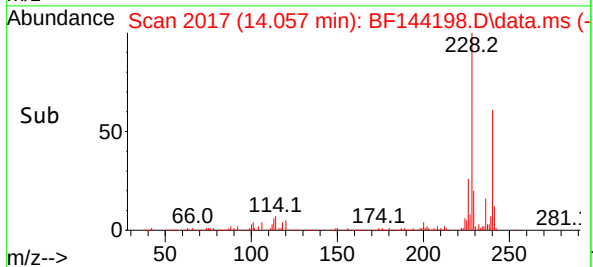
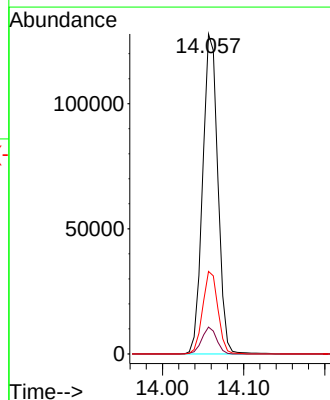
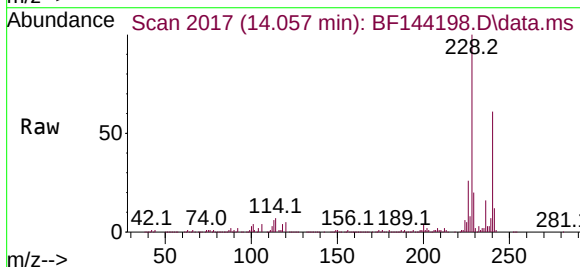
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

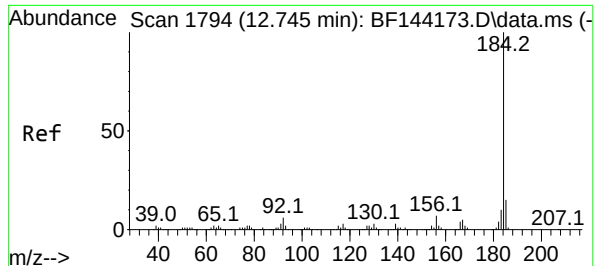
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	27.9
203	17.3	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.6	10.0
236	25.8	21.4	32.2





#77

Benzidine

Concen: 48.342 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

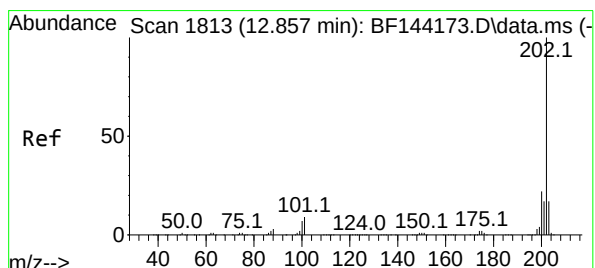
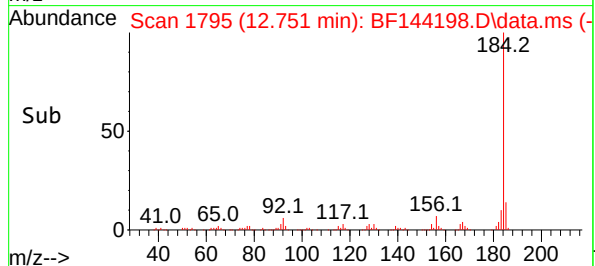
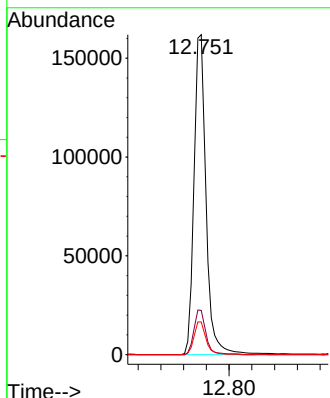
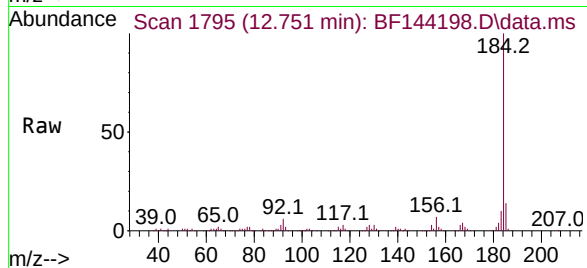
Tgt Ion:184 Resp: 237841

Ion Ratio Lower Upper

184 100

185 13.8 11.7 17.5

183 10.2 8.3 12.5



#78

Pyrene

Concen: 38.850 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

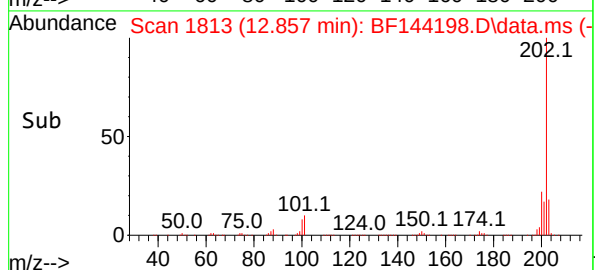
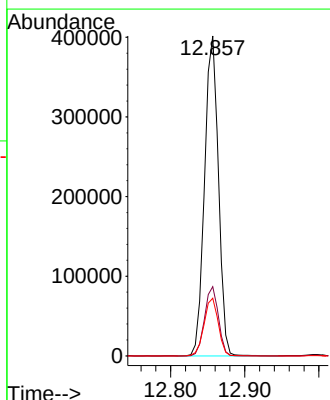
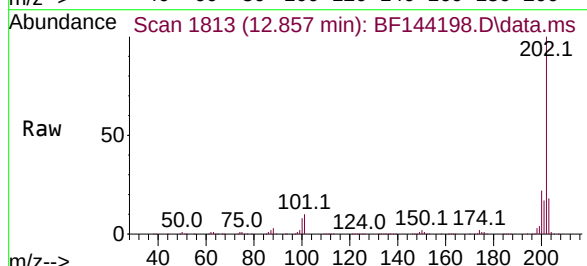
Tgt Ion:202 Resp: 521018

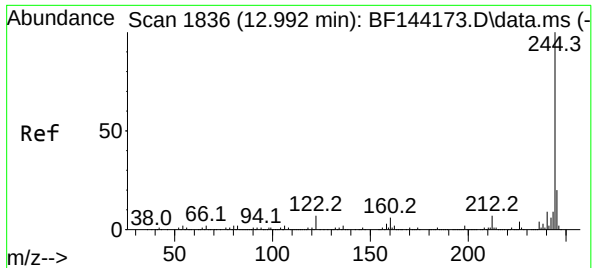
Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

203 18.0 13.7 20.5

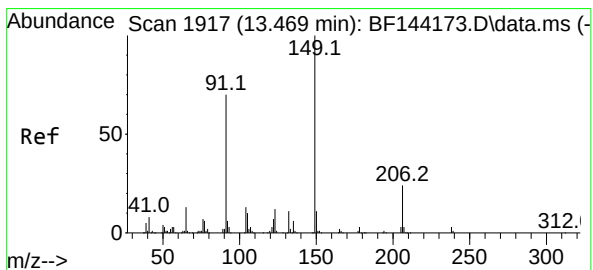
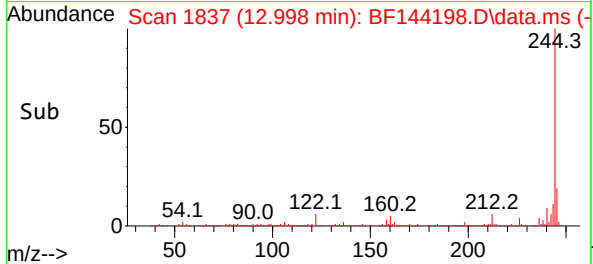
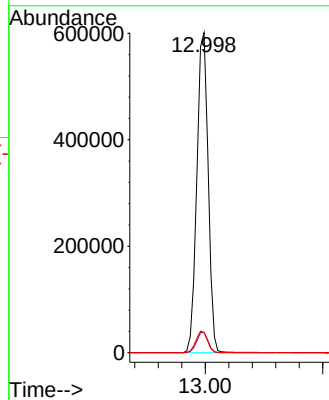
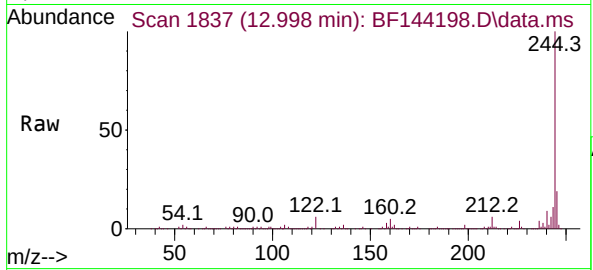




#79
Terphenyl-d14
Concen: 76.672 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

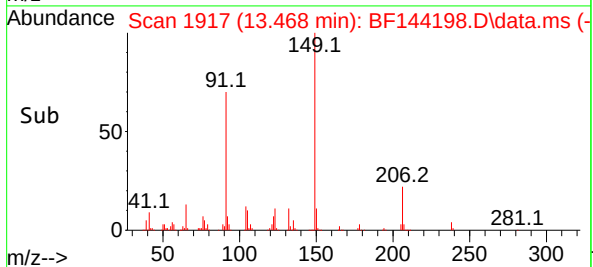
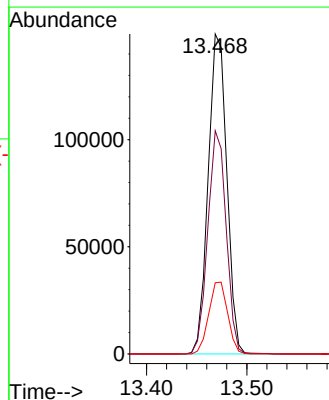
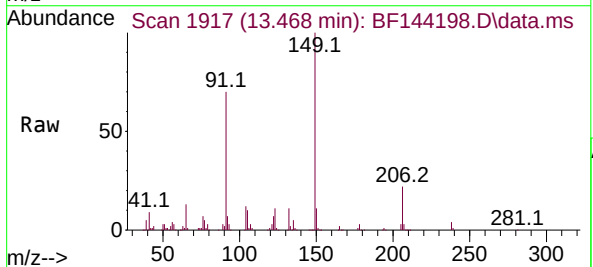
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

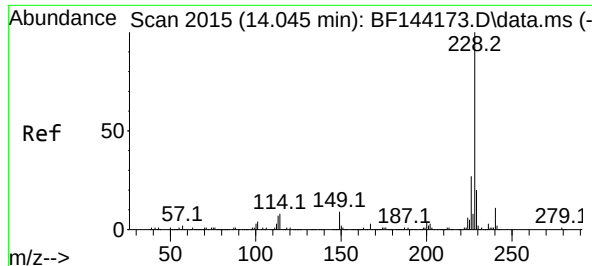
Tgt Ion:244 Resp: 802870
Ion Ratio Lower Upper
244 100
212 6.4 5.3 7.9
122 6.3 5.6 8.4



#80
Butylbenzylphthalate
Concen: 41.360 ng
RT: 13.468 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:149 Resp: 192248
Ion Ratio Lower Upper
149 100
91 69.7 56.1 84.1
206 22.2 18.8 28.2





#81

Benzo(a)anthracene

Concen: 41.453 ng

RT: 14.051 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

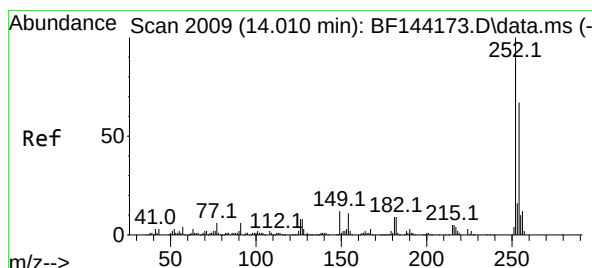
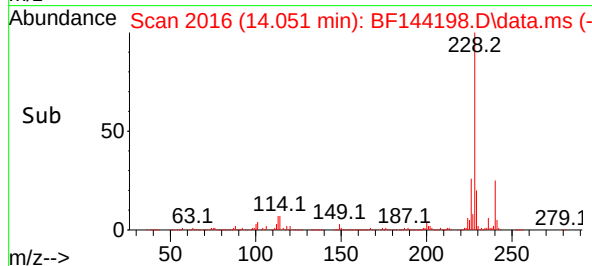
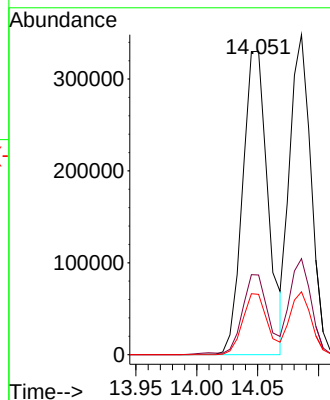
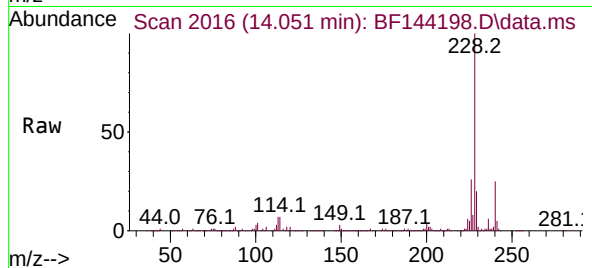
Tgt Ion:228 Resp: 477865

Ion Ratio Lower Upper

228 100

226 26.2 21.8 32.8

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 41.532 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

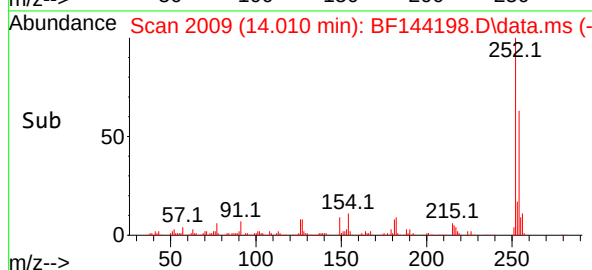
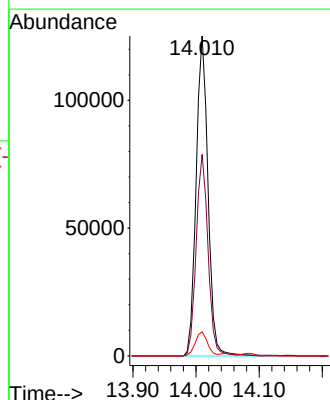
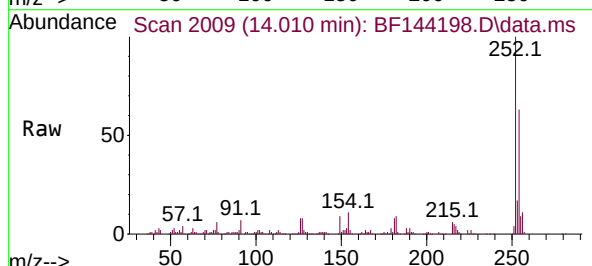
Tgt Ion:252 Resp: 164112

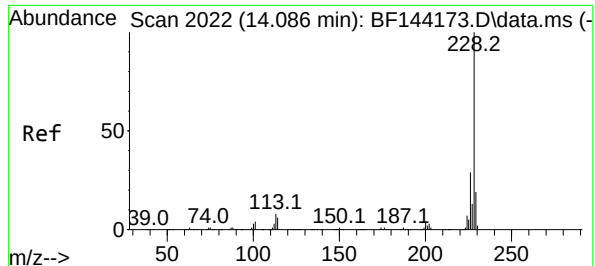
Ion Ratio Lower Upper

252 100

254 63.0 53.5 80.3

126 7.5 6.4 9.6





#83

Chrysene

Concen: 40.013 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

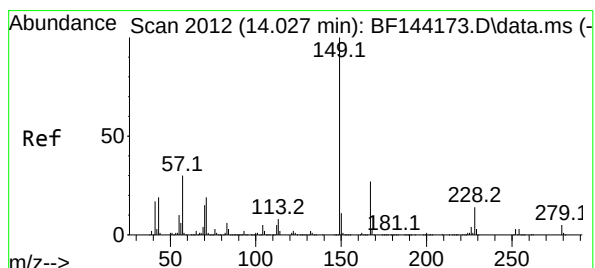
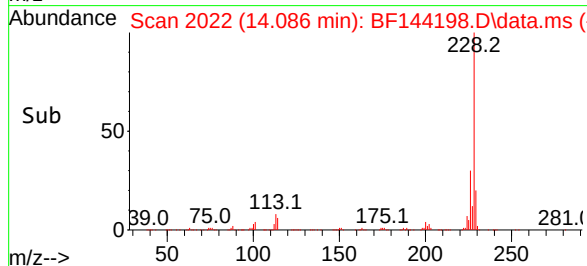
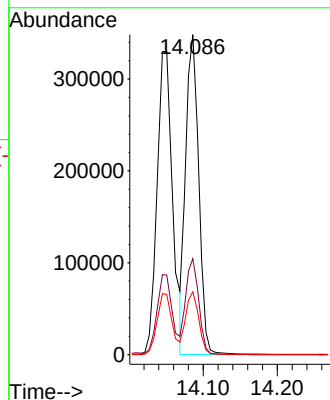
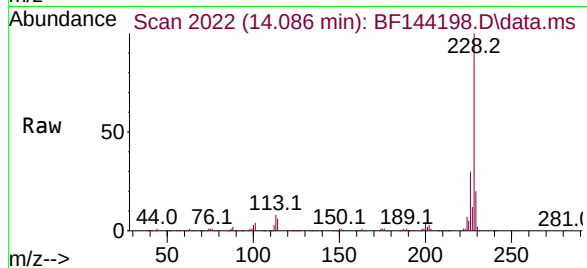
Tgt Ion:228 Resp: 425808

Ion Ratio Lower Upper

228 100

226 30.0 22.9 34.3

229 19.6 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.374 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

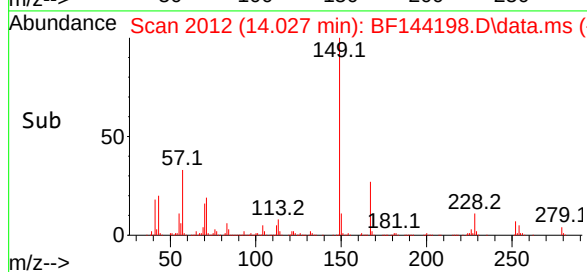
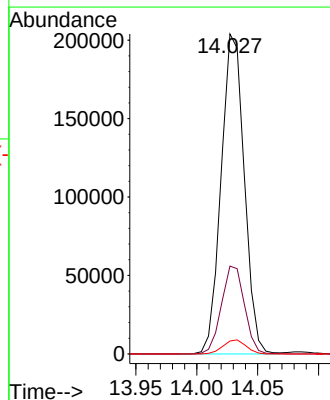
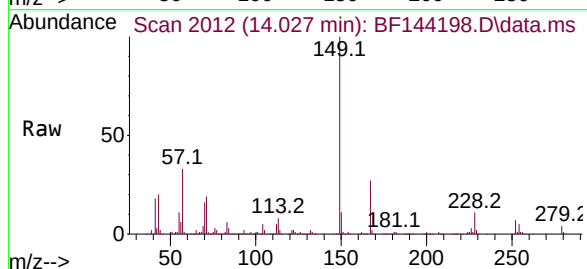
Tgt Ion:149 Resp: 269627

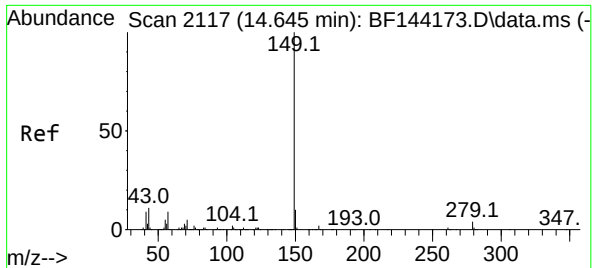
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

279 4.0 3.7 5.5

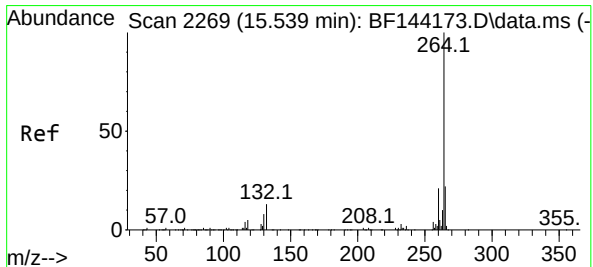
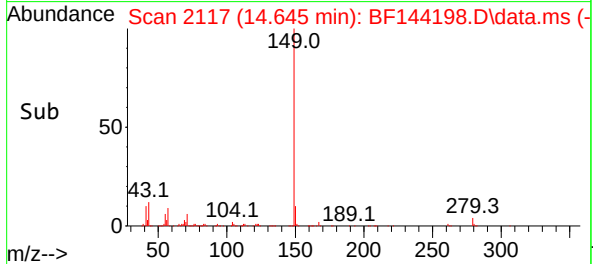
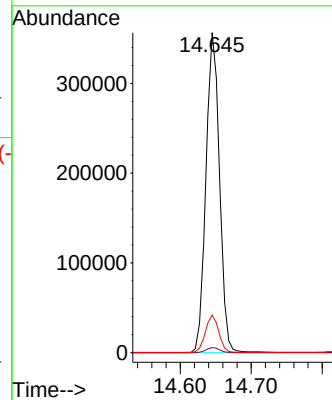
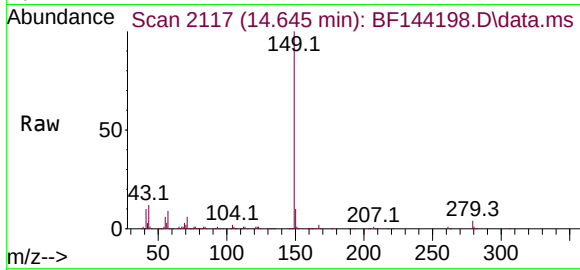




#85
Di-n-octyl phthalate
Concen: 42.880 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

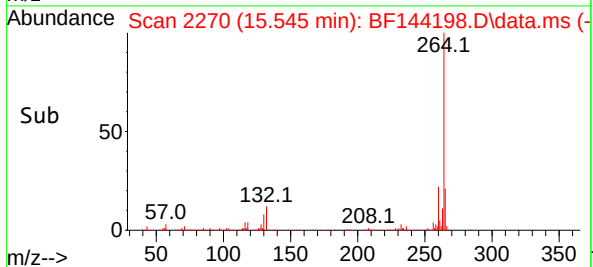
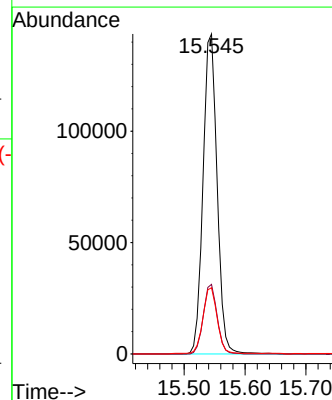
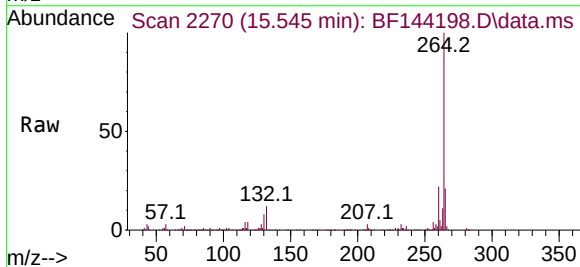
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

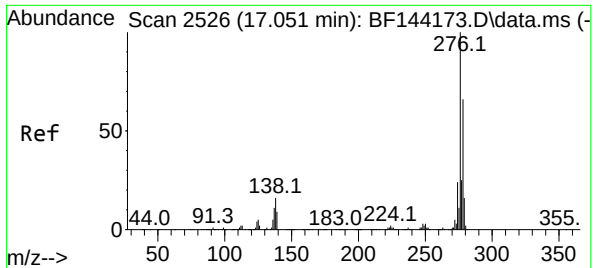
Tgt Ion:149 Resp: 470752
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.5 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF144198.D
Acq: 11 Nov 2025 10:09

Tgt Ion:264 Resp: 229506
Ion Ratio Lower Upper
264 100
260 21.7 17.1 25.7
265 20.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.789 ng

RT: 17.051 min Scan# 21993

Delta R.T. 0.017 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

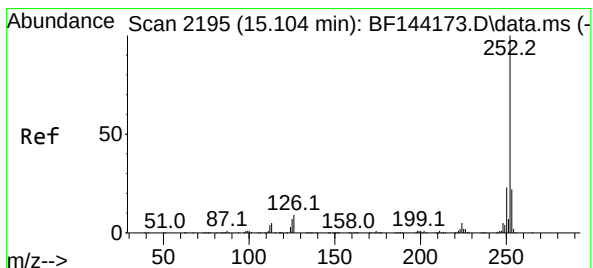
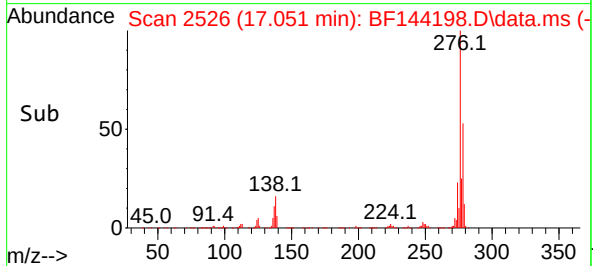
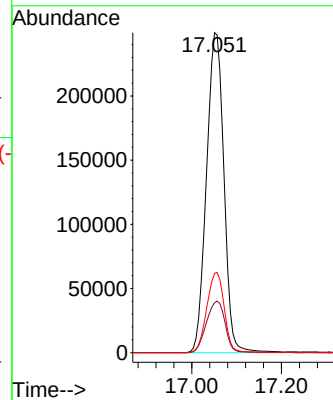
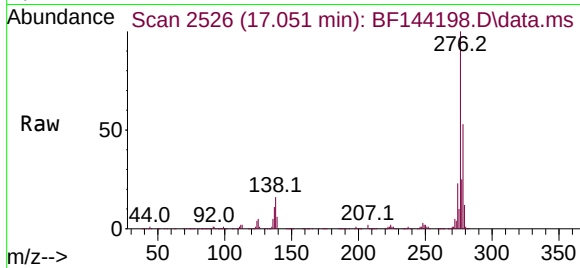
Tgt Ion:276 Resp: 671993

Ion Ratio Lower Upper

276 100

138 17.3 13.9 20.9

277 25.1 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 38.808 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.012 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

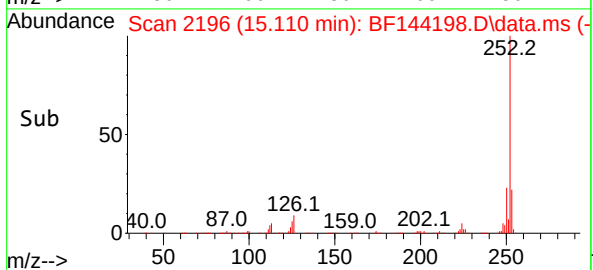
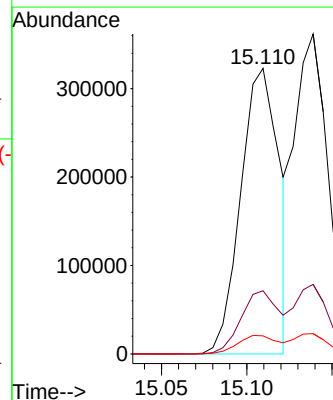
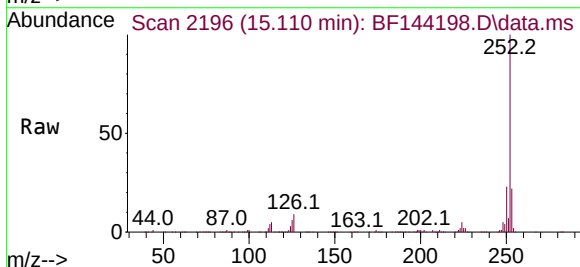
Tgt Ion:252 Resp: 506360

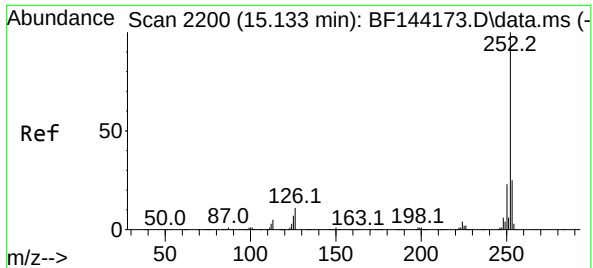
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 6.3 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 40.975 ng

RT: 15.139 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

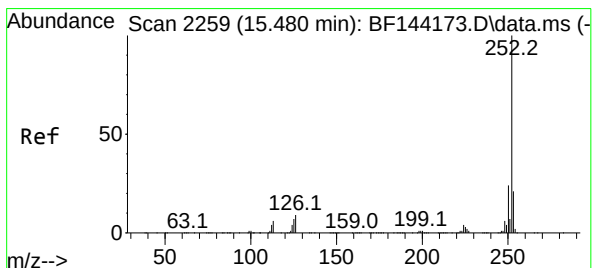
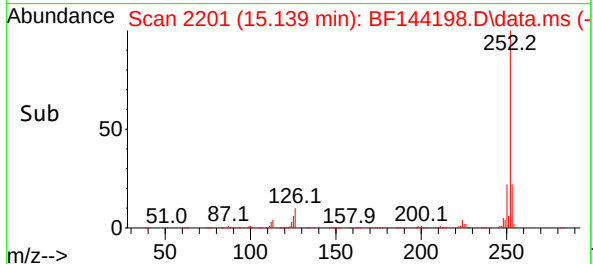
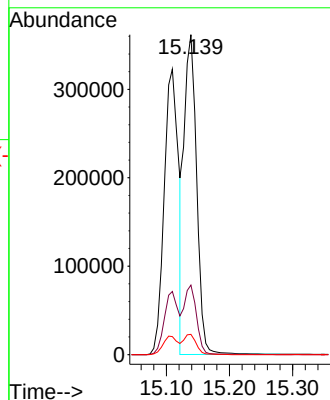
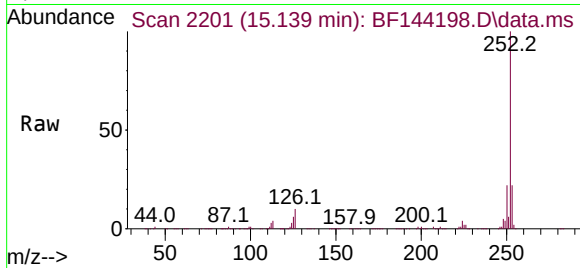
Tgt Ion:252 Resp: 500421

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

125 6.3 5.4 8.2



#90

Benzo(a)pyrene

Concen: 40.039 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.006 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

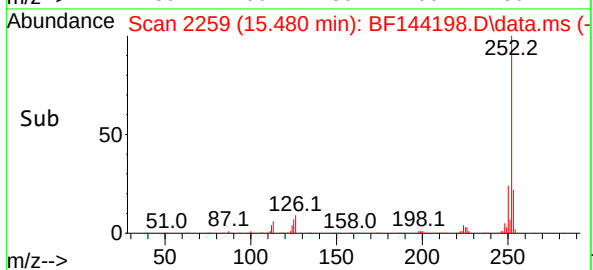
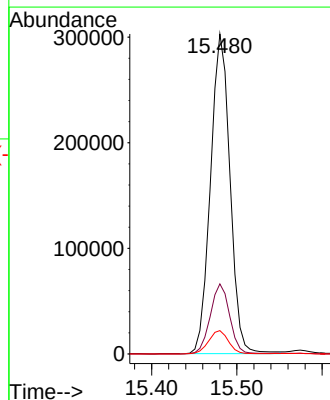
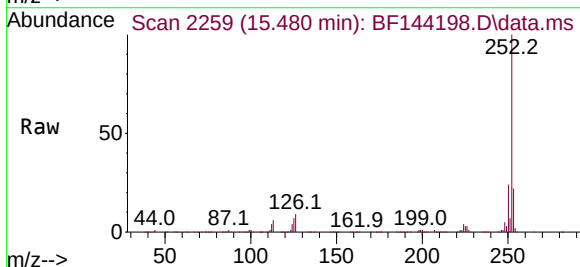
Tgt Ion:252 Resp: 481954

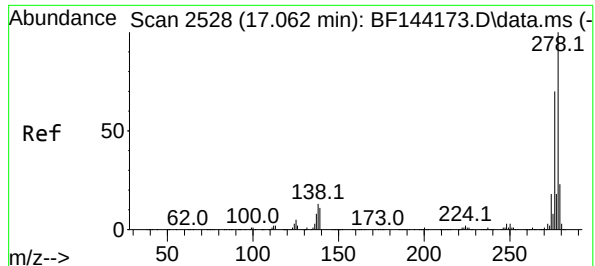
Ion Ratio Lower Upper

252 100

253 21.9 16.7 25.1

125 7.3 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 40.830 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

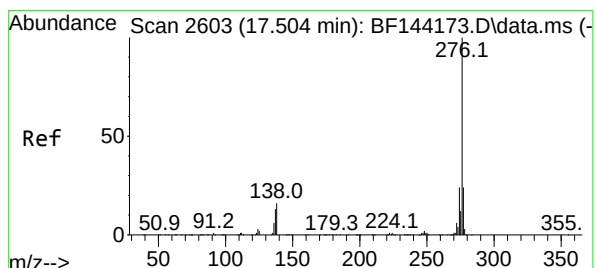
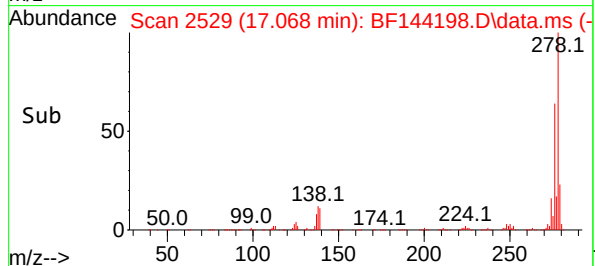
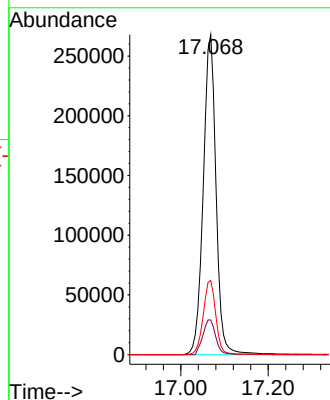
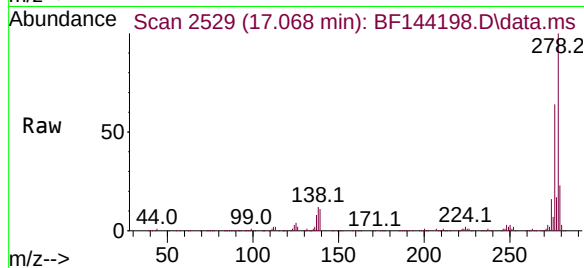
Tgt Ion:278 Resp: 540222

Ion Ratio Lower Upper

278 100

139 10.8 9.1 13.7

279 23.2 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 41.261 ng

RT: 17.509 min Scan# 2604

Delta R.T. 0.017 min

Lab File: BF144198.D

Acq: 11 Nov 2025 10:09

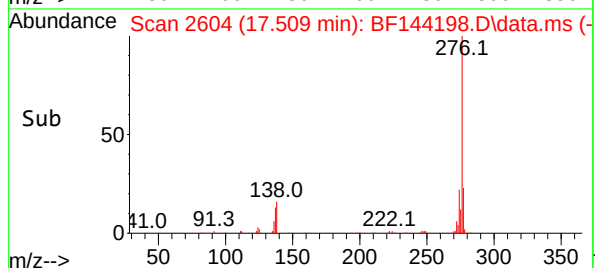
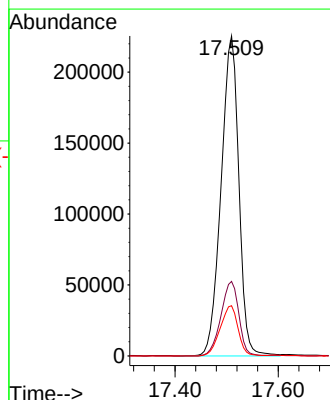
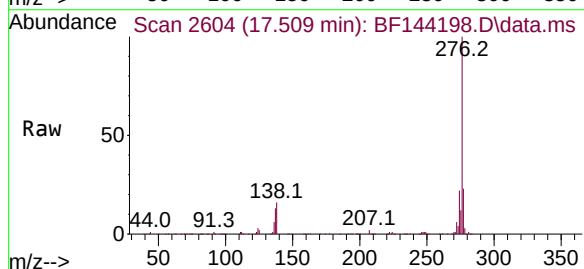
Tgt Ion:276 Resp: 539108

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 15.7 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144198.D
 Acq On : 11 Nov 2025 10:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 11 10:43:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
2	1,4-Dioxane	0.528	0.547	-3.6	104	-0.01
3	Pyridine	1.474	1.565	-6.2	108	-0.03
4	n-Nitrosodimethylamine	0.770	0.829	-7.7	112	-0.02
5 S	2-Fluorophenol	1.278	1.343	-5.1	107	0.00
6	Aniline	2.063	2.143	-3.9	109	0.00
7 S	Phenol-d6	1.448	1.461	-0.9	105	0.01
8	2-Chlorophenol	1.253	1.308	-4.4	107	0.00
9	Benzaldehyde	0.818	1.141	-39.5#	147	0.00
10 C	Phenol	1.769	1.799	-1.7	102	0.01
11	bis(2-Chloroethyl)ether	1.289	1.325	-2.8	106	0.00
12	1,3-Dichlorobenzene	1.547	1.567	-1.3	107	0.00
13 C	1,4-Dichlorobenzene	1.549	1.545	0.3	102	0.00
14	1,2-Dichlorobenzene	1.485	1.523	-2.6	108	0.00
15	Benzyl Alcohol	1.147	1.185	-3.3	107	0.00
16	2,2'-oxybis(1-Chloropropane	2.374	2.513	-5.9	109	0.00
17	2-Methylphenol	0.997	1.026	-2.9	104	0.00
18	Hexachloroethane	0.515	0.537	-4.3	106	0.00
19 P	n-Nitroso-di-n-propylamine	0.953	0.933	2.1	103	0.01
20	3+4-Methylphenols	1.175	1.170	0.4	101	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	103	0.00
22	Acetophenone	0.429	0.431	-0.5	103	0.00
23 S	Nitrobenzene-d5	0.346	0.361	-4.3	104	0.00
24	Nitrobenzene	0.376	0.395	-5.1	105	0.00
25	Isophorone	0.655	0.684	-4.4	105	0.01
26 C	2-Nitrophenol	0.186	0.194	-4.3	102	0.00
27	2,4-Dimethylphenol	0.279	0.291	-4.3	101	0.00
28	bis(2-Chloroethoxy)methane	0.409	0.435	-6.4	106	0.00
29 C	2,4-Dichlorophenol	0.322	0.330	-2.5	103	0.00
30	1,2,4-Trichlorobenzene	0.330	0.336	-1.8	103	0.00
31	Naphthalene	0.951	0.984	-3.5	105	0.00
32	Benzoic acid	0.204	0.186	8.8	107	-0.03
33	4-Chloroaniline	0.347	0.357	-2.9	102	0.00
34 C	Hexachlorobutadiene	0.249	0.256	-2.8	102	0.00
35	Caprolactam	0.088	0.087	1.1	97	-0.02
36 C	4-Chloro-3-methylphenol	0.288	0.299	-3.8	104	0.00
37	2-Methylnaphthalene	0.636	0.648	-1.9	104	0.00
38	1-Methylnaphthalene	0.614	0.622	-1.3	104	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	101	0.00
40	1,2,4,5-Tetrachlorobenzene	0.655	0.671	-2.4	101	0.00
41 P	Hexachlorocyclopentadiene	0.195	0.194	0.5	98	0.00
42 S	2,4,6-Tribromophenol	0.251	0.243	3.2	93	0.00
43 C	2,4,6-Trichlorophenol	0.446	0.456	-2.2	101	0.00
44	2,4,5-Trichlorophenol	0.481	0.474	1.5	98	0.00
45 S	2-Fluorobiphenyl	1.354	1.339	1.1	101	0.00
46	1,1'-Biphenyl	1.396	1.427	-2.2	103	0.00
47	2-Chloronaphthalene	1.191	1.218	-2.3	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144198.D
 Acq On : 11 Nov 2025 10:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 11 10:43:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.344	0.376	-9.3	105	0.00
49	Acenaphthylene	1.623	1.647	-1.5	101	0.00
50	Dimethylphthalate	1.325	1.353	-2.1	102	0.00
51	2,6-Dinitrotoluene	0.268	0.287	-7.1	106	0.00
52 C	Acenaphthene	1.085	1.099	-1.3	102	0.00
53	3-Nitroaniline	0.293	0.295	-0.7	95	0.00
54 P	2,4-Dinitrophenol	0.162	0.138	14.8	100	0.00
55	Dibenzofuran	1.520	1.519	0.1	99	0.00
56 P	4-Nitrophenol	0.212	0.184	13.2	92	0.00
57	2,4-Dinitrotoluene	0.359	0.366	-1.9	96	0.00
58	Fluorene	1.156	1.167	-1.0	100	0.00
59	2,3,4,6-Tetrachlorophenol	0.340	0.347	-2.1	98	0.00
60	Diethylphthalate	1.221	1.241	-1.6	100	0.00
61	4-Chlorophenyl-phenylether	0.658	0.656	0.3	97	0.00
62	4-Nitroaniline	0.279	0.287	-2.9	101	0.01
63	Azobenzene	1.137	1.178	-3.6	103	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	99	0.00
65	4,6-Dinitro-2-methylphenol	0.136	0.126	7.4	95	0.00
66 c	n-Nitrosodiphenylamine	0.643	0.657	-2.2	100	0.00
67	4-Bromophenyl-phenylether	0.255	0.262	-2.7	98	0.00
68	Hexachlorobenzene	0.301	0.309	-2.7	102	0.00
69	Atrazine	0.205	0.205	0.0	98	0.00
70 C	Pentachlorophenol	0.150	0.138	8.0	87	0.00
71	Phenanthrene	0.996	0.987	0.9	96	0.00
72	Anthracene	1.013	1.019	-0.6	98	0.00
73	Carbazole	0.861	0.852	1.0	96	0.00
74	Di-n-butylphthalate	1.041	1.049	-0.8	97	0.00
75 C	Fluoranthene	1.029	1.014	1.5	95	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	102	0.00
77	Benzidine	0.592	0.715	-20.8	117	0.00
78	Pyrene	1.613	1.566	2.9	94	0.00
79 S	Terphenyl-d14	1.259	1.207	4.1	94	0.00
80	Butylbenzylphthalate	0.559	0.578	-3.4	100	0.00
81	Benzo(a)anthracene	1.386	1.436	-3.6	103	0.00
82	3,3'-Dichlorobenzidine	0.475	0.493	-3.8	105	0.00
83	Chrysene	1.280	1.280	0.0	93	0.00
84	Bis(2-ethylhexyl)phthalate	0.765	0.811	-6.0	102	0.00
85 c	Di-n-octyl phthalate	1.320	1.415	-7.2	103	0.00
86 I	Perylene-d12	1.000	1.000	0.0	110	0.00
87	Indeno(1,2,3-cd)pyrene	1.436	1.464	-1.9	108	0.02
88	Benzo(b)fluoranthene	1.137	1.103	3.0	98	0.01
89	Benzo(k)fluoranthene	1.064	1.090	-2.4	115	0.01
90 C	Benzo(a)pyrene	1.049	1.050	-0.1	107	0.00
91	Dibenzo(a,h)anthracene	1.153	1.177	-2.1	108	0.02
92	Benzo(g,h,i)perylene	1.139	1.174	-3.1	108	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144198.D
Acq On : 11 Nov 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 11 10:43:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144198.D
 Acq On : 11 Nov 2025 10:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 11 10:43:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	105	0.00
2	1,4-Dioxane	40.000	41.378	-3.4	104	-0.01
3	Pyridine	40.000	42.468	-6.2	108	-0.03
4	n-Nitrosodimethylamine	40.000	43.052	-7.6	112	-0.02
5 S	2-Fluorophenol	80.000	84.046	-5.1	107	0.00
6	Aniline	40.000	41.543	-3.9	109	0.00
7 S	Phenol-d6	80.000	80.684	-0.9	105	0.01
8	2-Chlorophenol	40.000	41.735	-4.3	107	0.00
9	Benzaldehyde	40.000	55.800	-39.5#	147	0.00
10 C	Phenol	40.000	40.667	-1.7	102	0.01
11	bis(2-Chloroethyl)ether	40.000	41.106	-2.8	106	0.00
12	1,3-Dichlorobenzene	40.000	40.533	-1.3	107	0.00
13 C	1,4-Dichlorobenzene	40.000	39.886	0.3	102	0.00
14	1,2-Dichlorobenzene	40.000	41.020	-2.6	108	0.00
15	Benzyl Alcohol	40.000	41.349	-3.4	107	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	42.344	-5.9	109	0.00
17	2-Methylphenol	40.000	41.157	-2.9	104	0.00
18	Hexachloroethane	40.000	41.708	-4.3	106	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.141	2.1	103	0.01
20	3+4-Methylphenols	40.000	39.818	0.5	101	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	103	0.00
22	Acetophenone	40.000	40.223	-0.6	103	0.00
23 S	Nitrobenzene-d5	80.000	83.437	-4.3	104	0.00
24	Nitrobenzene	40.000	42.027	-5.1	105	0.00
25	Isophorone	40.000	41.779	-4.4	105	0.01
26 C	2-Nitrophenol	40.000	41.654	-4.1	102	0.00
27	2,4-Dimethylphenol	40.000	41.789	-4.5	101	0.00
28	bis(2-Chloroethoxy)methane	40.000	42.530	-6.3	106	0.00
29 C	2,4-Dichlorophenol	40.000	41.056	-2.6	103	0.00
30	1,2,4-Trichlorobenzene	40.000	40.694	-1.7	103	0.00
31	Naphthalene	40.000	41.391	-3.5	105	0.00
32	Benzoic acid	40.000	36.357	9.1	107	-0.03
33	4-Chloroaniline	40.000	41.158	-2.9	102	0.00
34 C	Hexachlorobutadiene	40.000	41.097	-2.7	102	0.00
35	Caprolactam	40.000	39.364	1.6	97	-0.02
36 C	4-Chloro-3-methylphenol	40.000	41.481	-3.7	104	0.00
37	2-Methylnaphthalene	40.000	40.740	-1.9	104	0.00
38	1-Methylnaphthalene	40.000	40.539	-1.3	104	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	101	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.967	-2.4	101	0.00
41 P	Hexachlorocyclopentadiene	40.000	39.027	2.4	98	0.00
42 S	2,4,6-Tribromophenol	80.000	77.364	3.3	93	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.885	-2.2	101	0.00
44	2,4,5-Trichlorophenol	40.000	39.469	1.3	98	0.00
45 S	2-Fluorobiphenyl	80.000	79.108	1.1	101	0.00
46	1,1'-Biphenyl	40.000	40.895	-2.2	103	0.00
47	2-Chloronaphthalene	40.000	40.928	-2.3	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144198.D
 Acq On : 11 Nov 2025 10:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 11 10:43:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	43.722	-9.3	105	0.00
49	Acenaphthylene	40.000	40.591	-1.5	101	0.00
50	Dimethylphthalate	40.000	40.861	-2.2	102	0.00
51	2,6-Dinitrotoluene	40.000	42.865	-7.2	106	0.00
52 C	Acenaphthene	40.000	40.511	-1.3	102	0.00
53	3-Nitroaniline	40.000	40.190	-0.5	95	0.00
54 P	2,4-Dinitrophenol	40.000	34.075	14.8	100	0.00
55	Dibenzofuran	40.000	39.968	0.1	99	0.00
56 P	4-Nitrophenol	40.000	34.763	13.1	92	0.00
57	2,4-Dinitrotoluene	40.000	40.748	-1.9	96	0.00
58	Fluorene	40.000	40.383	-1.0	100	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.773	-1.9	98	0.00
60	Diethylphthalate	40.000	40.626	-1.6	100	0.00
61	4-Chlorophenyl-phenylether	40.000	39.846	0.4	97	0.00
62	4-Nitroaniline	40.000	41.136	-2.8	101	0.01
63	Azobenzene	40.000	41.456	-3.6	103	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	99	0.00
65	4,6-Dinitro-2-methylphenol	40.000	37.036	7.4	95	0.00
66 c	n-Nitrosodiphenylamine	40.000	40.851	-2.1	100	0.00
67	4-Bromophenyl-phenylether	40.000	41.051	-2.6	98	0.00
68	Hexachlorobenzene	40.000	41.159	-2.9	102	0.00
69	Atrazine	40.000	40.143	-0.4	98	0.00
70 C	Pentachlorophenol	40.000	36.877	7.8	87	0.00
71	Phenanthrene	40.000	39.635	0.9	96	0.00
72	Anthracene	40.000	40.246	-0.6	98	0.00
73	Carbazole	40.000	39.597	1.0	96	0.00
74	Di-n-butylphthalate	40.000	40.329	-0.8	97	0.00
75 C	Fluoranthene	40.000	39.444	1.4	95	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	102	0.00
77	Benzydine	40.000	48.342	-20.9	117	0.00
78	Pyrene	40.000	38.850	2.9	94	0.00
79 S	Terphenyl-d14	80.000	76.672	4.2	94	0.00
80	Butylbenzylphthalate	40.000	41.360	-3.4	100	0.00
81	Benzo(a)anthracene	40.000	41.453	-3.6	103	0.00
82	3,3'-Dichlorobenzidine	40.000	41.532	-3.8	105	0.00
83	Chrysene	40.000	40.013	-0.0	93	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	42.374	-5.9	102	0.00
85 c	Di-n-octyl phthalate	40.000	42.880	-7.2	103	0.00
86 I	Perylene-d12	20.000	20.000	0.0	110	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	40.789	-2.0	108	0.02
88	Benzo(b)fluoranthene	40.000	38.808	3.0	98	0.01
89	Benzo(k)fluoranthene	40.000	40.975	-2.4	115	0.01
90 C	Benzo(a)pyrene	40.000	40.039	-0.1	107	0.00
91	Dibenzo(a,h)anthracene	40.000	40.830	-2.1	108	0.02
92	Benzo(g,h,i)perylene	40.000	41.261	-3.2	108	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144198.D
Acq On : 11 Nov 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 11 10:43:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3584</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>11/13/2025 14:56</u>
Lab File ID:	<u>BF144243.D</u>	Init. Calib. Date(s):	<u>11/05/2025 11/05/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:50 16:49</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.278	1.375		7.6	
Benzaldehyde	0.818	1.206		47.4	
Phenol-d6	1.448	1.526		5.4	
Phenol	1.769	1.913		8.1	20.0
bis(2-Chloroethyl)ether	1.289	1.402		8.8	
2-Chlorophenol	1.253	1.324		5.7	
2-Methylphenol	0.997	1.056		5.9	
2,2-oxybis(1-Chloropropane)	2.374	2.549		7.4	
Acetophenone	0.429	0.434		1.2	
3+4-Methylphenols	1.175	1.224		4.2	
n-Nitroso-di-n-propylamine	0.953	0.975	0.050	2.3	
Nitrobenzene-d5	0.346	0.362		4.6	
Hexachloroethane	0.515	0.540		4.9	
Nitrobenzene	0.376	0.391		4.0	
Isophorone	0.655	0.679		3.7	
2-Nitrophenol	0.186	0.202		8.6	20.0
2,4-Dimethylphenol	0.279	0.291		4.3	
bis(2-Chloroethoxy)methane	0.409	0.424		3.7	
2,4-Dichlorophenol	0.322	0.334		3.7	20.0
Naphthalene	0.951	0.964		1.4	
4-Chloroaniline	0.347	0.363		4.6	
Hexachlorobutadiene	0.249	0.251		0.8	20.0
Caprolactam	0.088	0.092		4.5	
4-Chloro-3-methylphenol	0.288	0.303		5.2	20.0
2-Methylnaphthalene	0.636	0.635		-0.2	
Hexachlorocyclopentadiene	0.195	0.295	0.050	51.3	
2,4,6-Trichlorophenol	0.446	0.457		2.5	20.0
2-Fluorobiphenyl	1.354	1.327		-2.0	
2,4,5-Trichlorophenol	0.481	0.480		-0.2	
1,1-Biphenyl	1.396	1.417		1.5	
2-Chloronaphthalene	1.191	1.193		0.2	
2-Nitroaniline	0.344	0.381		10.8	
Dimethylphthalate	1.325	1.363		2.9	
Acenaphthylene	1.623	1.644		1.3	
2,6-Dinitrotoluene	0.268	0.291		8.6	
3-Nitroaniline	0.293	0.319		8.9	
Acenaphthene	1.085	1.166		7.5	20.0
2,4-Dinitrophenol	0.162	0.249	0.050	53.7	
4-Nitrophenol	0.212	0.206	0.050	-2.8	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3584</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>11/13/2025 14:56</u>
Lab File ID:	<u>BF144243.D</u>	Init. Calib. Date(s):	<u>11/05/2025 11/05/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:50 16:49</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.520	1.540		1.3	
2,4-Dinitrotoluene	0.359	0.390		8.6	
Diethylphthalate	1.221	1.251		2.5	
4-Chlorophenyl-phenylether	0.658	0.647		-1.7	
Fluorene	1.156	1.154		-0.2	
4-Nitroaniline	0.279	0.290		3.9	
4,6-Dinitro-2-methylphenol	0.136	0.142		4.4	
n-Nitrosodiphenylamine	0.643	0.669		4.0	20.0
2,4,6-Tribromophenol	0.251	0.249		-0.8	
4-Bromophenyl-phenylether	0.255	0.263		3.1	
Hexachlorobenzene	0.301	0.300		-0.3	
Atrazine	0.205	0.190		-7.3	
Pentachlorophenol	0.150	0.146		-2.7	20.0
Phenanthrene	0.996	1.007		1.1	
Anthracene	1.013	1.027		1.4	
Carbazole	0.861	0.857		-0.5	
Di-n-butylphthalate	1.041	0.988		-5.1	
Fluoranthene	1.029	0.976		-5.2	20.0
Pyrene	1.613	1.773		9.9	
Terphenyl-d14	1.259	1.311		4.1	
Butylbenzylphthalate	0.559	0.572		2.3	
3,3-Dichlorobenzidine	0.475	0.477		0.4	
Benzo (a) anthracene	1.386	1.424		2.7	
Chrysene	1.280	1.371		7.1	
Bis(2-ethylhexyl)phthalate	0.765	0.734		-4.1	
Di-n-octyl phthalate	1.320	1.279		-3.1	20.0
Benzo (b) fluoranthene	1.137	1.144		0.6	
Benzo (k) fluoranthene	1.064	1.069		0.5	
Benzo (a) pyrene	1.049	1.055		0.6	20.0
Indeno (1,2,3-cd) pyrene	1.436	1.481		3.1	
Dibenzo (a,h) anthracene	1.153	1.199		4.0	
Benzo (g,h,i) perylene	1.139	1.197		5.1	
1,2,4,5-Tetrachlorobenzene	0.655	0.656		0.2	
1,4-Dioxane	0.528	0.556		5.3	20.0
2,3,4,6-Tetrachlorophenol	0.340	0.352		3.5	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144243.D
 Acq On : 13 Nov 2025 14:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 13 15:18:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	57801	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	225618	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	126474	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	214028	20.000	ng	0.00
76) Chrysene-d12	14.045	240	119800	20.000	ng	0.00
86) Perylene-d12	15.521	264	154528	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	317850	86.053	ng	-0.01
7) Phenol-d6	6.498	99	352742	84.283	ng	0.00
23) Nitrobenzene-d5	7.434	82	327055	83.721	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	125941	79.353	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	671420	78.407	ng	0.00
79) Terphenyl-d14	12.980	244	628319	83.308	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	64325	42.123	ng	97
3) Pyridine	3.369	79	187268	43.956	ng	99
4) n-Nitrosodimethylamine	3.316	42	94773	42.588	ng	99
6) Aniline	6.528	93	255676	42.878	ng	94
8) 2-Chlorophenol	6.651	128	153049	42.252	ng	98
9) Benzaldehyde	6.422	77	139426	58.996	ng	97
10) Phenol	6.510	94	221166	43.252	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	162086	43.502	ng	99
12) 1,3-Dichlorobenzene	6.810	146	186845	41.801	ng	98
13) 1,4-Dichlorobenzene	6.887	146	188761	42.152	ng	98
14) 1,2-Dichlorobenzene	7.034	146	177796	41.423	ng	99
15) Benzyl Alcohol	7.010	79	141987	42.845	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	294701	42.950	ng	90
17) 2-Methylphenol	7.122	107	122046	42.352	ng	95
18) Hexachloroethane	7.375	117	62410	41.949	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	112683	40.899	ng	95
20) 3+4-Methylphenols	7.275	107	141494	41.653	ng	97
22) Acetophenone	7.275	105	195657	40.425	ng	94
24) Nitrobenzene	7.451	77	176289	41.563	ng	99
25) Isophorone	7.686	82	306409	41.467	ng	100
26) 2-Nitrophenol	7.769	139	91269	43.469	ng	97
27) 2,4-Dimethylphenol	7.804	122	131515	41.791	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	191324	41.464	ng	98
29) 2,4-Dichlorophenol	8.010	162	150726	41.555	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	149265	40.076	ng	97
31) Naphthalene	8.175	128	434920	40.524	ng	99
32) Benzoic acid	7.916	122	91717	39.760	ng	99
33) 4-Chloroaniline	8.222	127	163820	41.852	ng	98
34) Hexachlorobutadiene	8.286	225	113192	40.325	ng	99
35) Caprolactam	8.592	113	41292	41.553	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	136882	42.109	ng	99
37) 2-Methylnaphthalene	8.863	142	286611	39.942	ng	99
38) 1-Methylnaphthalene	8.963	142	277452	40.073	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	165890	40.022	ng	99
41) Hexachlorocyclopentadiene	9.016	237	74643	53.524	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	115545	40.957	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144243.D
 Acq On : 13 Nov 2025 14:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 13 15:18:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

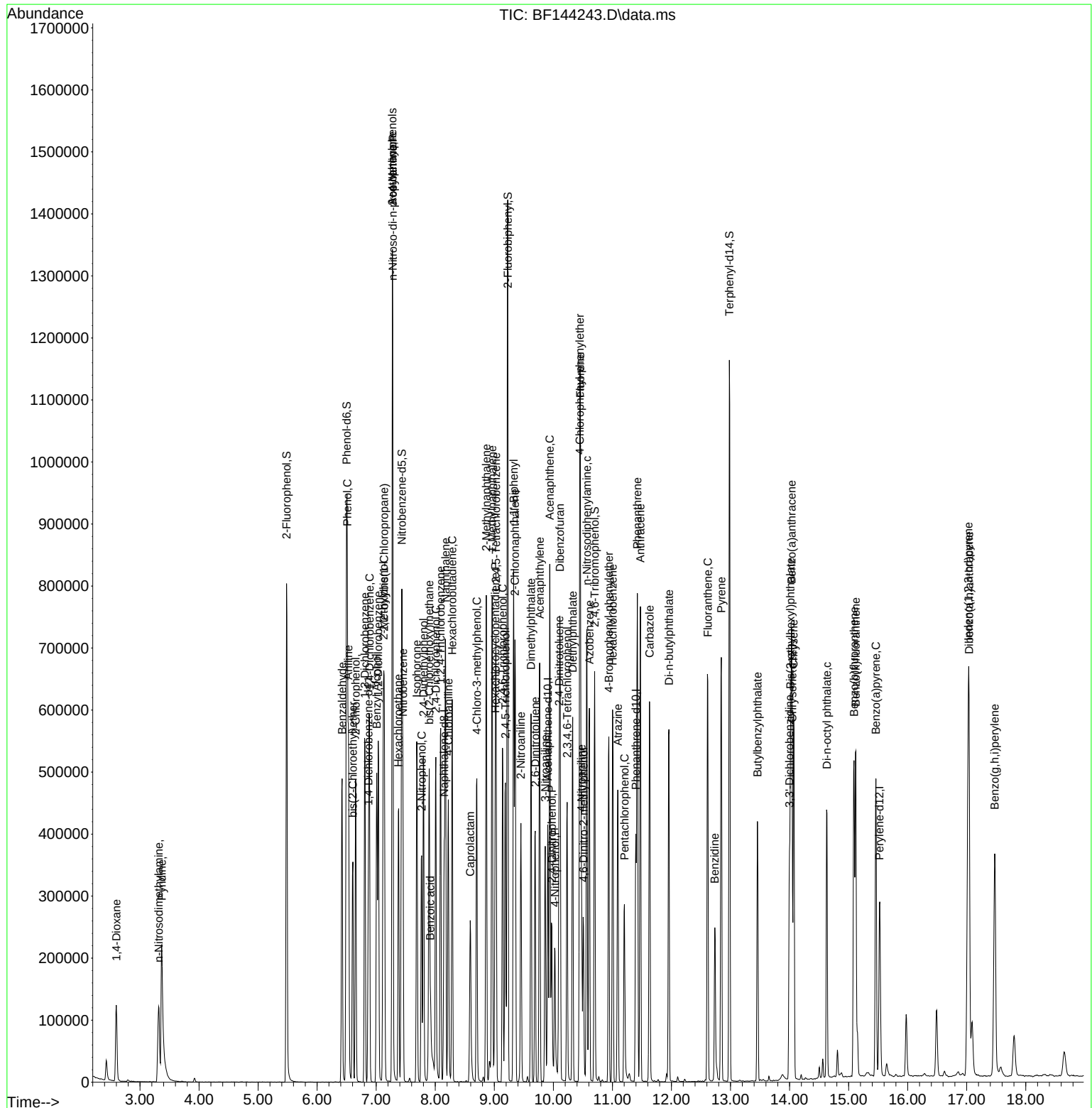
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	121468	39.949	ng	98
46) 1,1'-Biphenyl	9.328	154	358522	40.611	ng	100
47) 2-Chloronaphthalene	9.351	162	301868	40.085	ng	99
48) 2-Nitroaniline	9.451	65	96372	44.353	ng	98
49) Acenaphthylene	9.769	152	415869	40.524	ng	99
50) Dimethylphthalate	9.622	163	344741	41.145	ng	100
51) 2,6-Dinitrotoluene	9.692	165	73622	43.406	ng	99
52) Acenaphthene	9.939	154	294814	42.960	ng	100
53) 3-Nitroaniline	9.863	138	80793	43.575	ng	100
54) 2,4-Dinitrophenol	9.975	184	63105	61.614	ng	98
55) Dibenzofuran	10.110	168	389584	40.534	ng	98
56) 4-Nitrophenol	10.027	139	52059	38.815	ng	95
57) 2,4-Dinitrotoluene	10.098	165	98763	43.497	ng	98
58) Fluorene	10.457	166	291978	39.956	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	88970	41.358	ng	99
60) Diethylphthalate	10.327	149	316454	40.971	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	163577	39.298	ng	96
62) 4-Nitroaniline	10.475	138	73241	41.480	ng	97
63) Azobenzene	10.610	77	300797	41.845	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	60897	41.883	ng	96
66) n-Nitrosodiphenylamine	10.569	169	286181	41.574	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	112659	41.239	ng	97
68) Hexachlorobenzene	11.004	284	128315	39.877	ng	99
69) Atrazine	11.092	200	81223	37.102	ng	98
70) Pentachlorophenol	11.204	266	62518	39.017	ng	97
71) Phenanthrene	11.422	178	431095	40.455	ng	99
72) Anthracene	11.474	178	439781	40.587	ng	100
73) Carbazole	11.627	167	366873	39.818	ng	99
74) Di-n-butylphthalate	11.957	149	422893	37.967	ng	99
75) Fluoranthene	12.616	202	417617	37.938	ng	98
77) Benzidine	12.733	184	159854	45.111	ng	99
78) Pyrene	12.845	202	424749	43.973	ng	99
80) Butylbenzylphthalate	13.457	149	137100	40.952	ng	99
81) Benzo(a)anthracene	14.033	228	341236	41.098	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	114359	40.181	ng	97
83) Chrysene	14.068	228	328428	42.849	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	175802	38.360	ng	98
85) Di-n-octyl phthalate	14.633	149	306354	38.744	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	457738	41.265	ng	99
88) Benzo(b)fluoranthene	15.092	252	353587	40.248	ng	100
89) Benzo(k)fluoranthene	15.121	252	330283	40.166	ng	98
90) Benzo(a)pyrene	15.462	252	326068	40.232	ng	97
91) Dibenzo(a,h)anthracene	17.039	278	370468	41.586	ng	98
92) Benzo(g,h,i)perylene	17.474	276	370077	42.067	ng	99

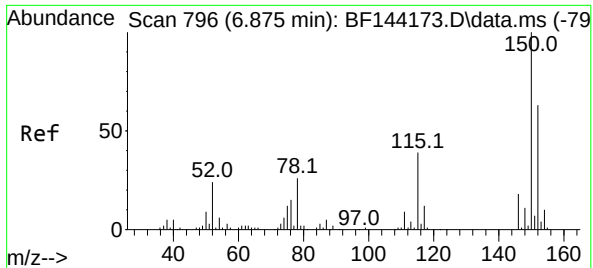
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144243.D
Acq On : 13 Nov 2025 14:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Nov 13 15:18:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

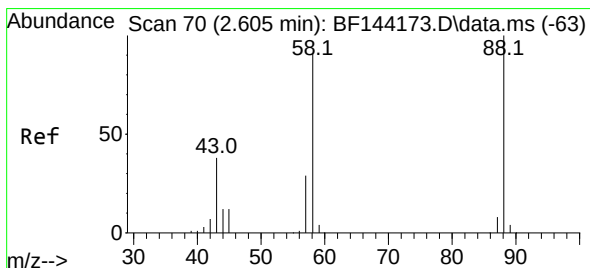
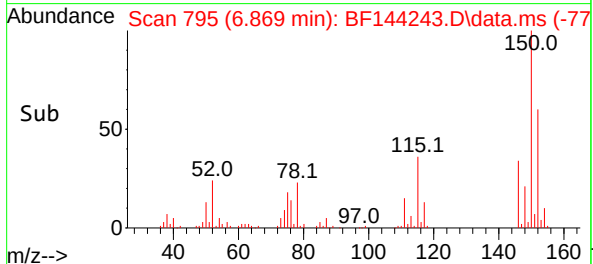
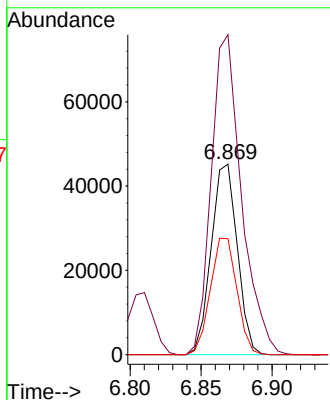
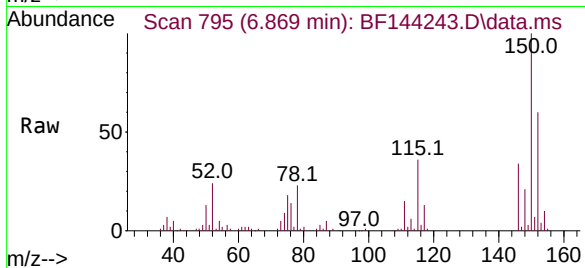




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

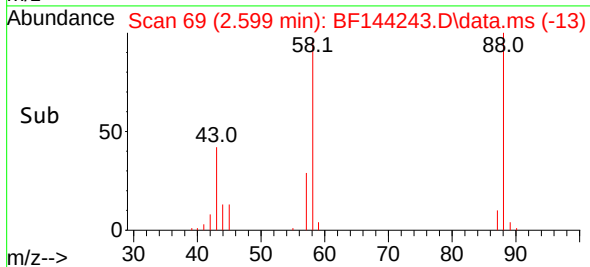
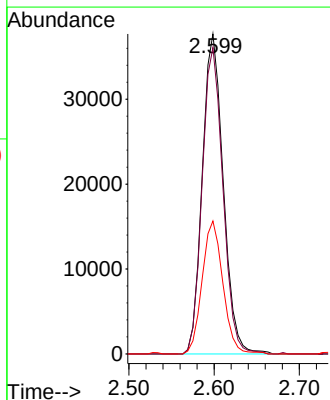
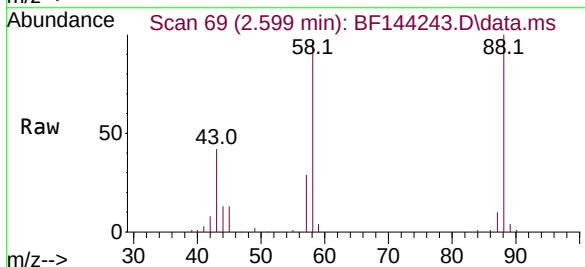
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

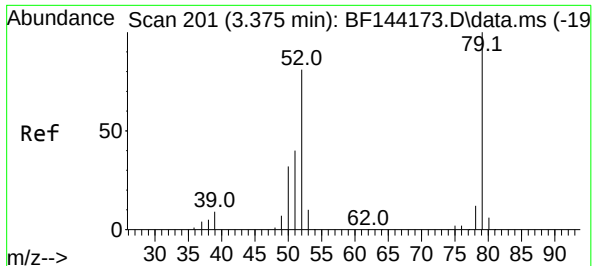
Tgt Ion:152 Resp: 57801
Ion Ratio Lower Upper
152 100
150 168.0 127.4 191.0
115 60.9 49.5 74.3



#2
1,4-Dioxane
Concen: 42.123 ng
RT: 2.599 min Scan# 69
Delta R.T. -0.018 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion: 88 Resp: 64325
Ion Ratio Lower Upper
88 100
58 94.6 73.1 109.7
43 41.2 31.0 46.6

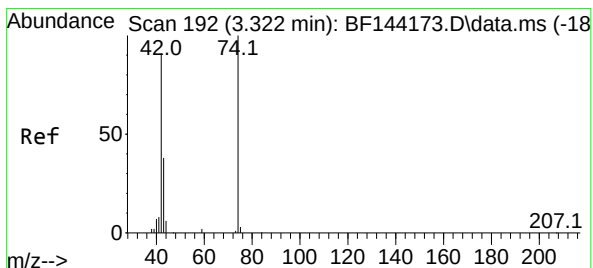
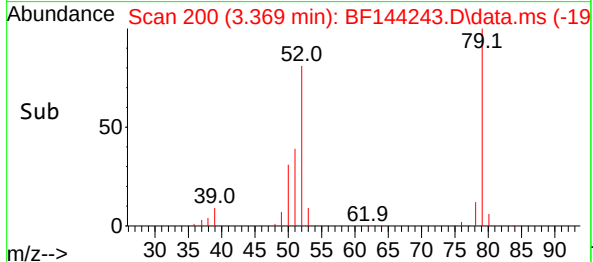
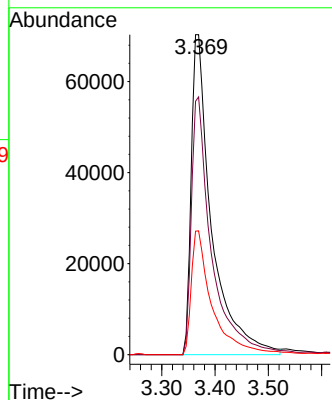
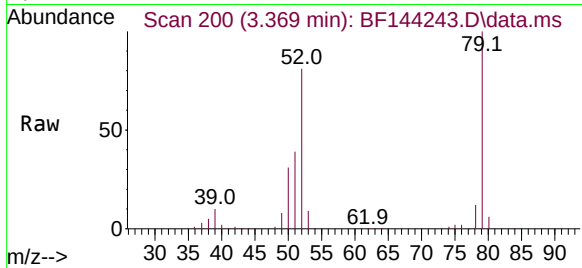




#3
Pyridine
Concen: 43.956 ng
RT: 3.369 min Scan# 201
Delta R.T. -0.041 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

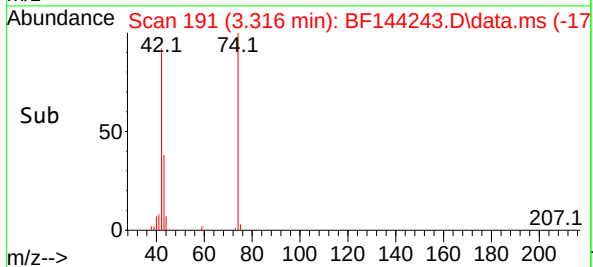
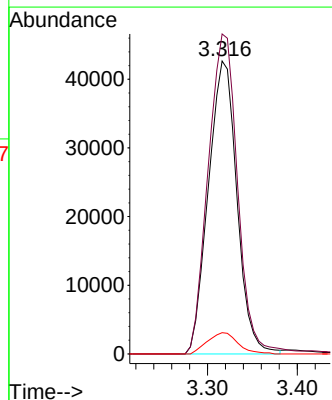
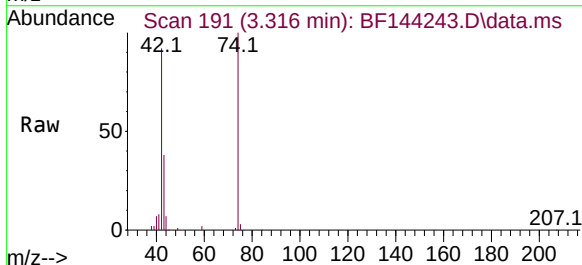
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

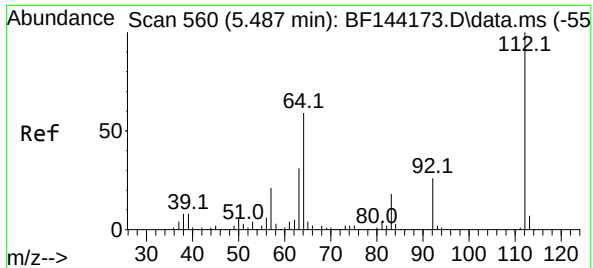
Tgt Ion	Ratio	Lower	Upper
79	100		
52	80.5	64.5	96.7
51	38.7	31.7	47.5



#4
n-Nitrosodimethylamine
Concen: 42.588 ng
RT: 3.316 min Scan# 191
Delta R.T. -0.029 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	109.3	88.2	132.4
44	7.2	5.7	8.5

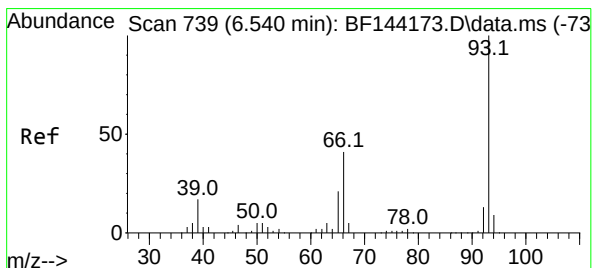
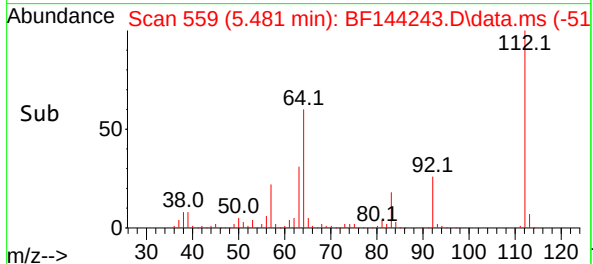
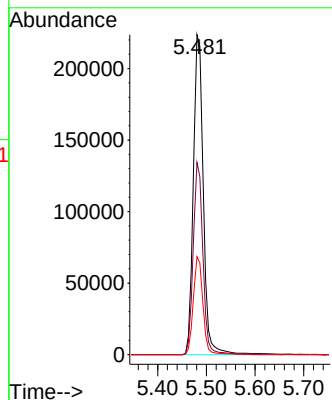
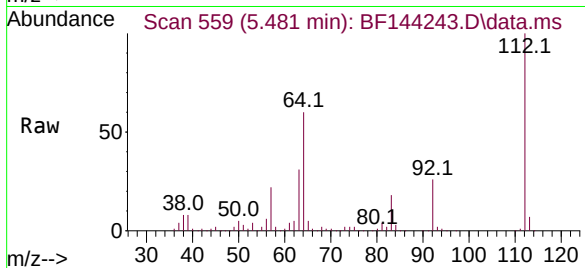




#5
2-Fluorophenol
Concen: 86.053 ng
RT: 5.481 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

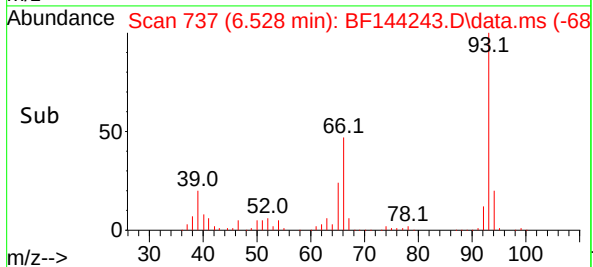
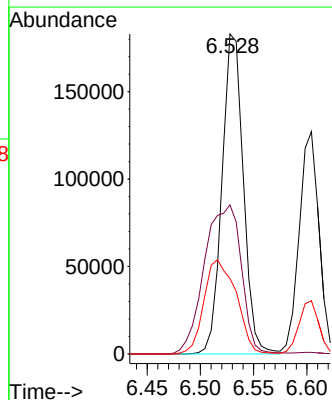
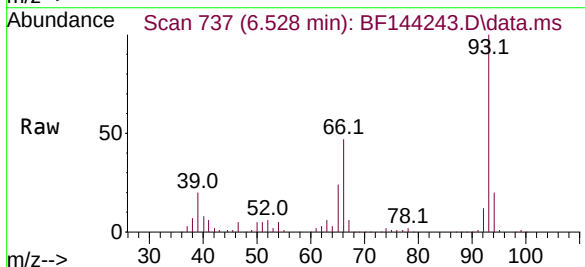
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

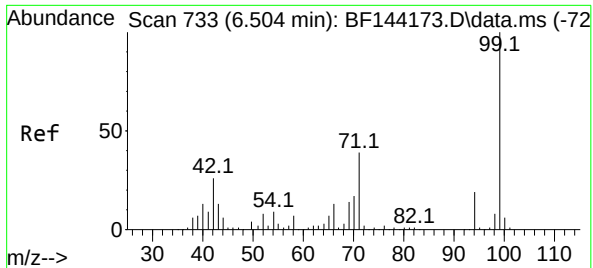
Tgt Ion:112 Resp: 317850
Ion Ratio Lower Upper
112 100
64 60.0 47.2 70.8
63 30.6 24.4 36.6



#6
Aniline
Concen: 42.878 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion: 93 Resp: 255676
Ion Ratio Lower Upper
93 100
66 46.6 34.3 51.5
65 23.5 16.9 25.3

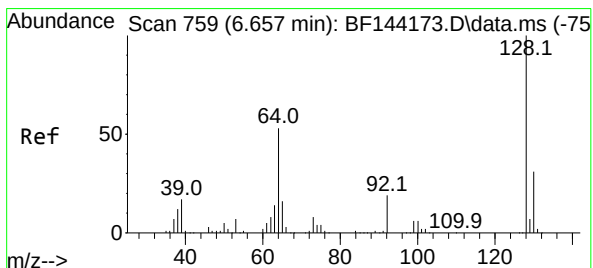
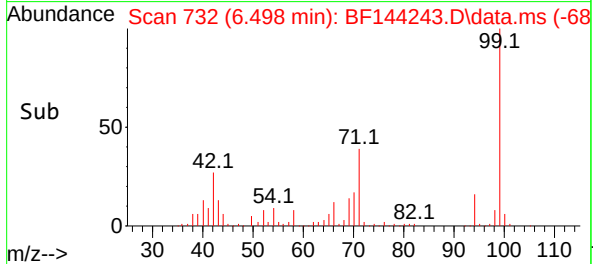
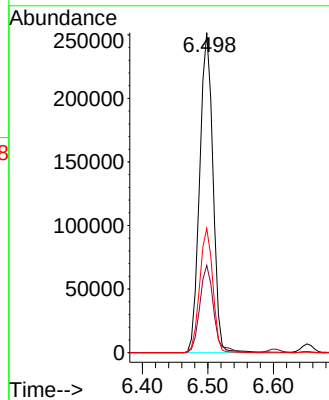
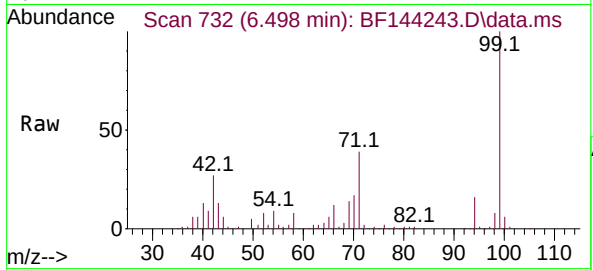




#7
Phenol-d6
Concen: 84.283 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

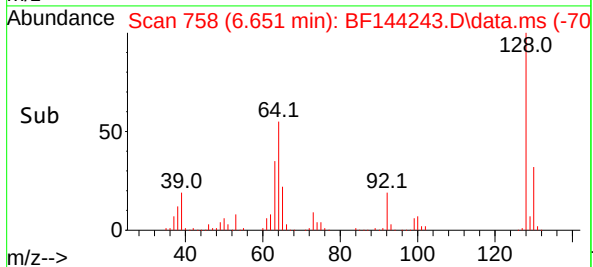
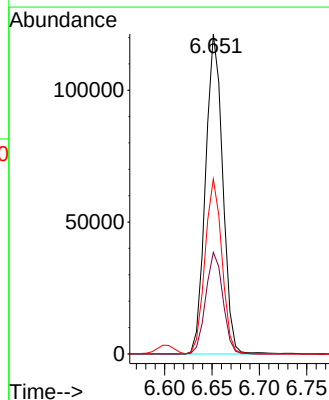
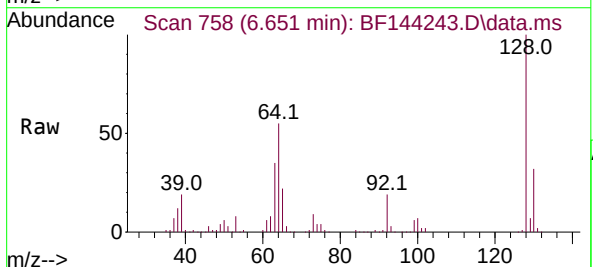
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

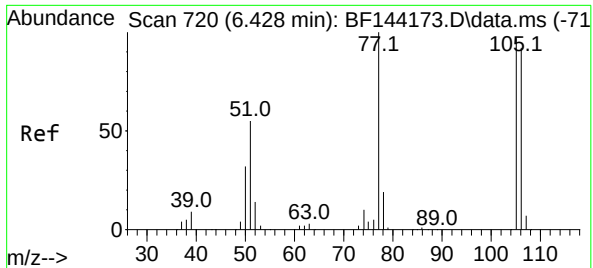
Tgt Ion: 99 Resp: 352742
Ion Ratio Lower Upper
99 100
42 27.3 20.9 31.3
71 38.8 31.4 47.2



#8
2-Chlorophenol
Concen: 42.252 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion: 128 Resp: 153049
Ion Ratio Lower Upper
128 100
130 31.7 10.5 50.5
64 54.6 33.2 73.2





#9

Benzaldehyde

Concen: 58.996 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

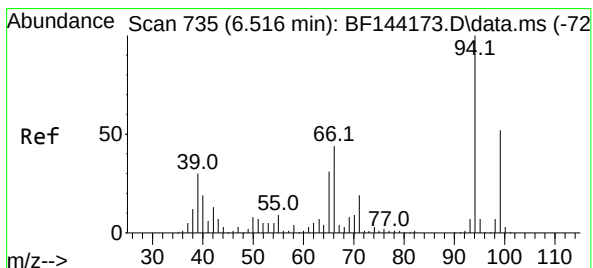
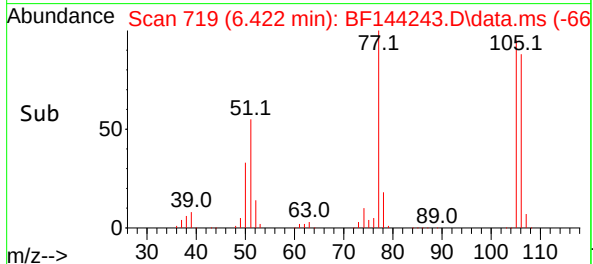
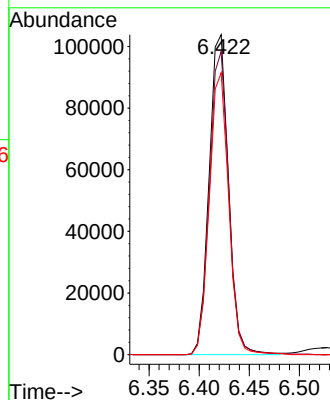
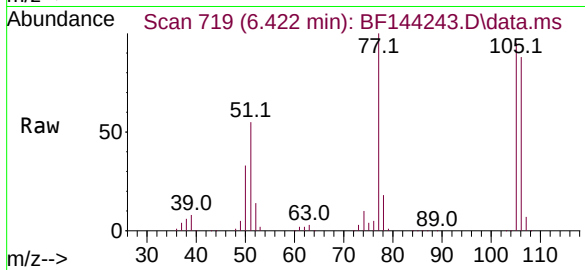
Tgt Ion: 77 Resp: 139426

Ion Ratio Lower Upper

77 100

105 94.7 77.2 117.2

106 88.1 72.2 112.2



#10

Phenol

Concen: 43.252 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.000 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

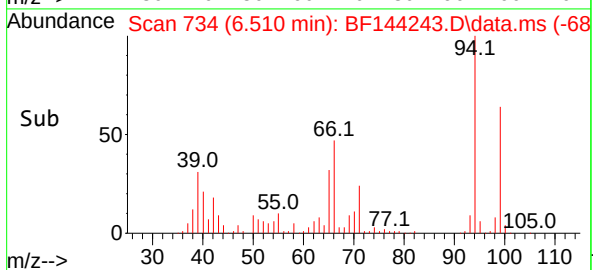
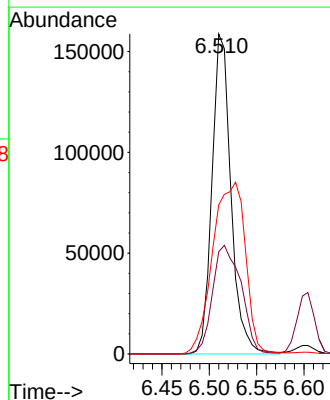
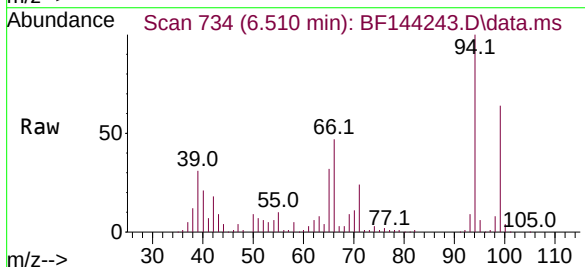
Tgt Ion: 94 Resp: 221166

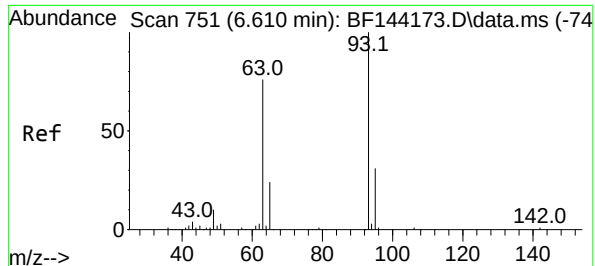
Ion Ratio Lower Upper

94 100

65 31.9 10.8 50.8

66 46.6 24.3 64.3

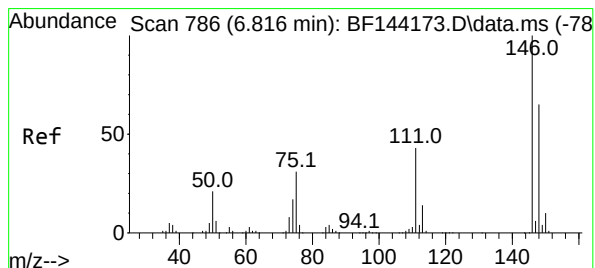
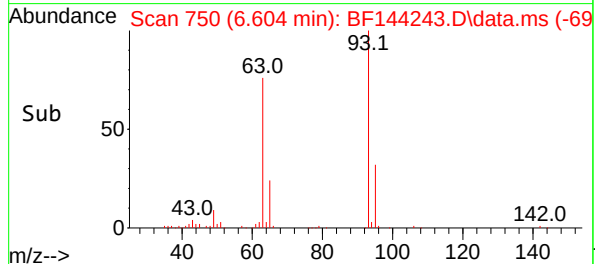
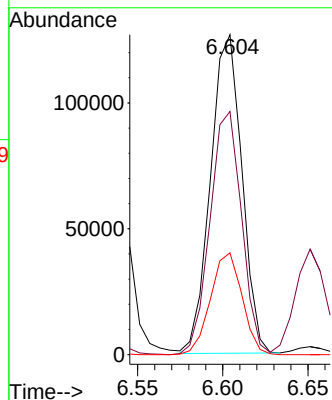
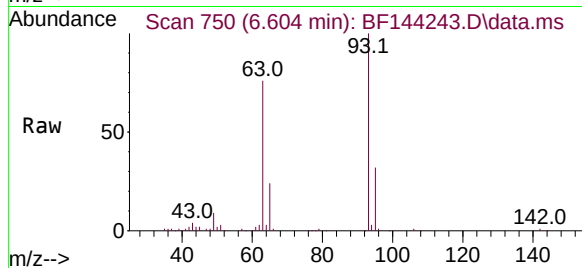




#11
bis(2-Chloroethyl)ether
Concen: 43.502 ng
RT: 6.604 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

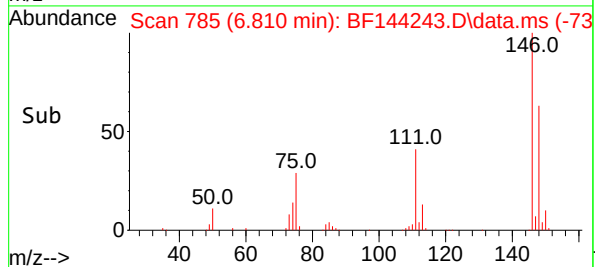
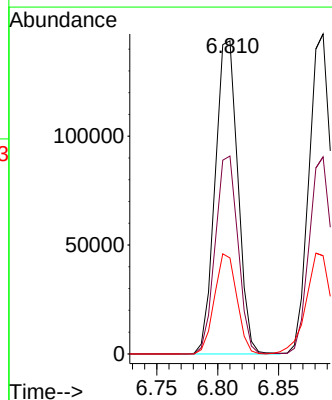
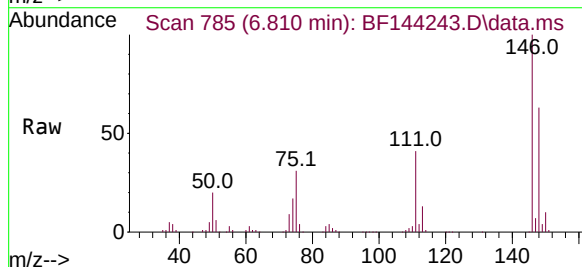
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

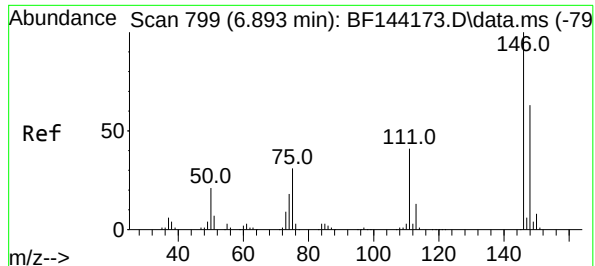
Tgt Ion: 93 Resp: 162086
Ion Ratio Lower Upper
93 100
63 76.0 55.2 95.2
95 31.8 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 41.801 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion: 146 Resp: 186845
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
75 30.7 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 42.152 ng

RT: 6.887 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

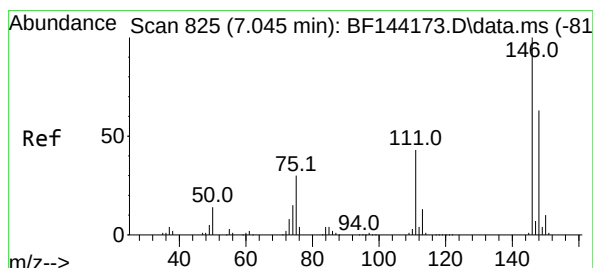
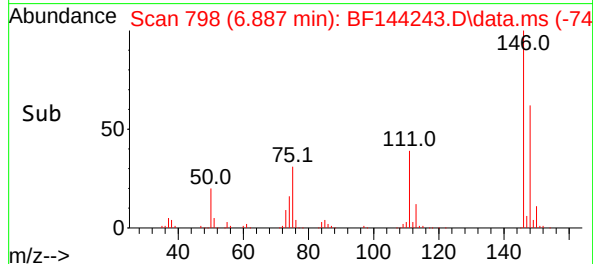
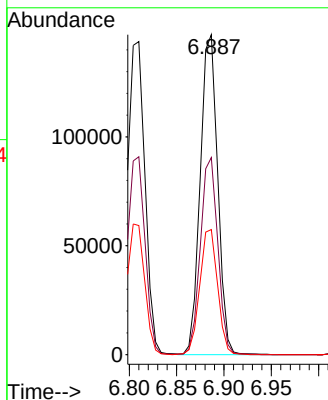
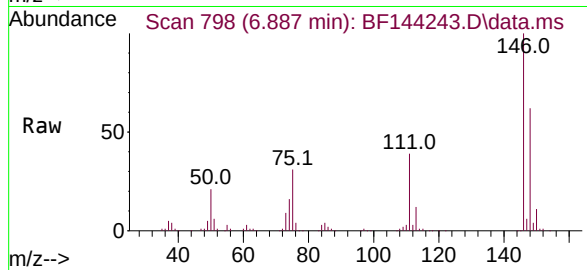
Tgt Ion:146 Resp: 188761

Ion Ratio Lower Upper

146 100

148 61.6 50.2 75.2

111 39.1 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 41.423 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

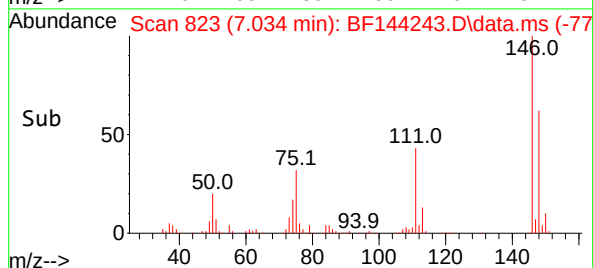
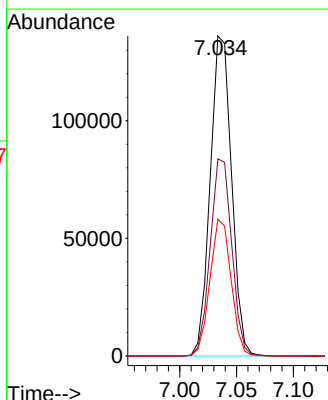
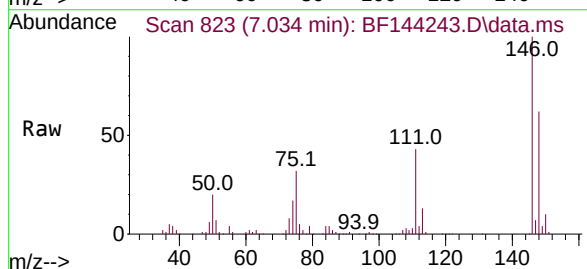
Tgt Ion:146 Resp: 177796

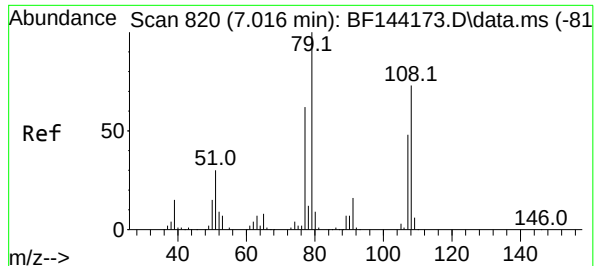
Ion Ratio Lower Upper

146 100

148 61.6 50.7 76.1

111 42.7 34.2 51.4





#15

Benzyl Alcohol

Concen: 42.845 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

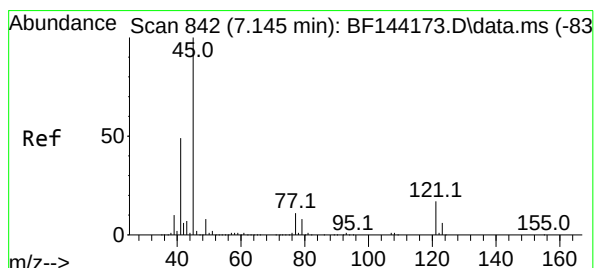
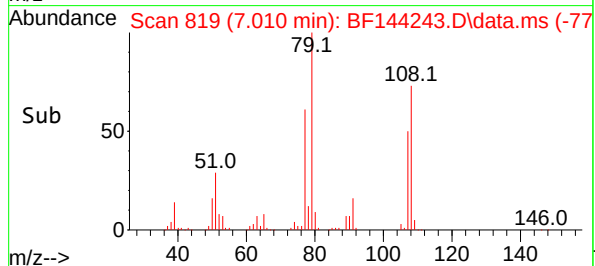
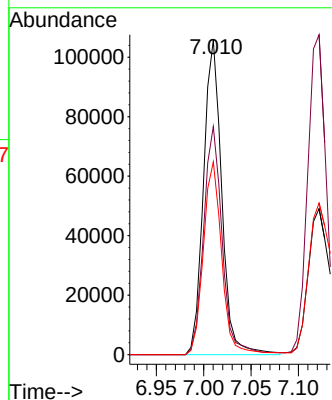
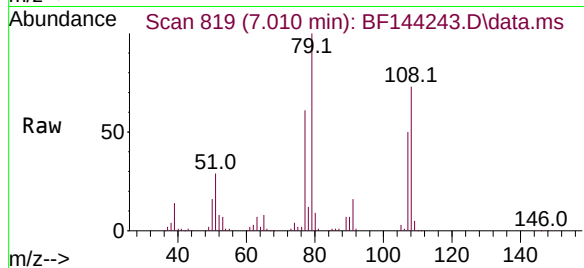
Tgt Ion: 79 Resp: 141987

Ion Ratio Lower Upper

79 100

108 72.6 58.2 87.4

77 61.3 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.950 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

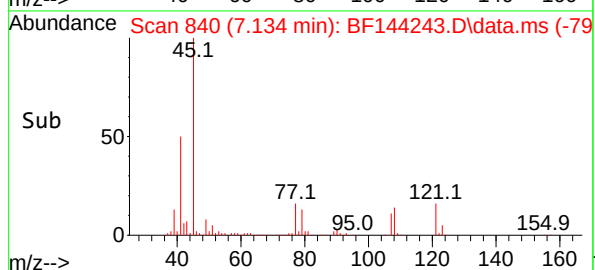
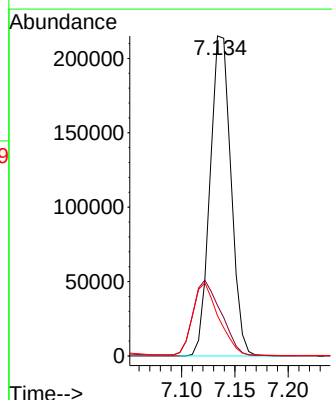
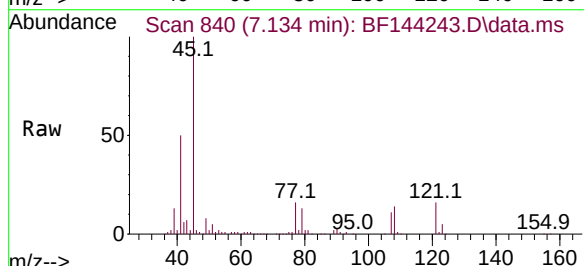
Tgt Ion: 45 Resp: 294701

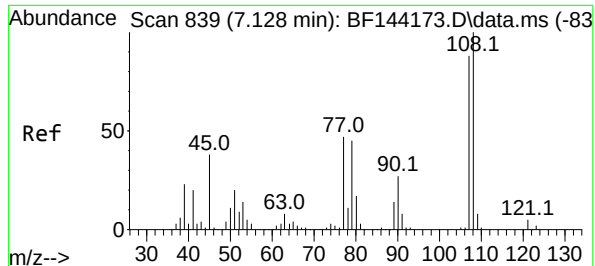
Ion Ratio Lower Upper

45 100

77 15.8 0.0 31.8

79 12.6 0.0 29.1





#17

2-Methylphenol

Concen: 42.352 ng

RT: 7.122 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 122046

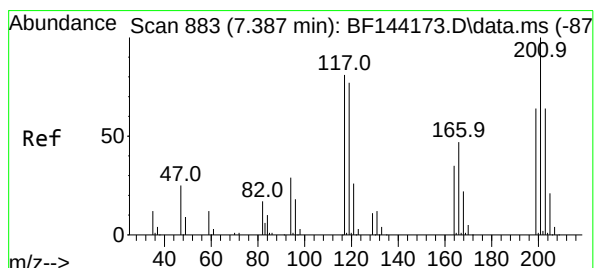
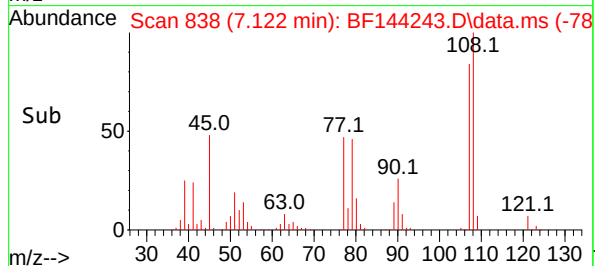
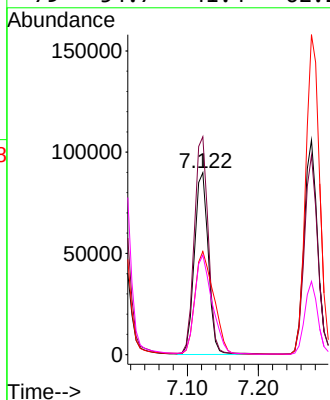
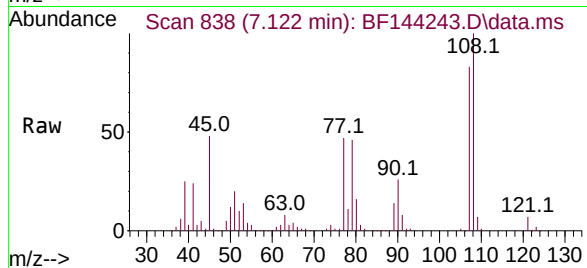
Ion Ratio Lower Upper

107 100

108 119.8 91.0 136.4

77 56.8 42.7 64.1

79 54.7 41.4 62.2



#18

Hexachloroethane

Concen: 41.949 ng

RT: 7.375 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

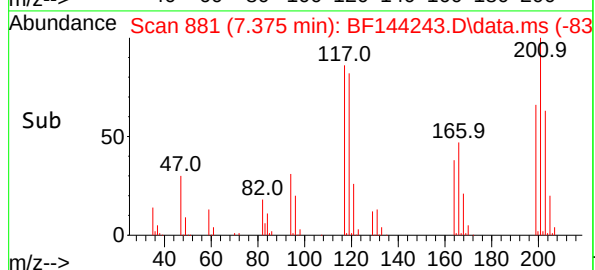
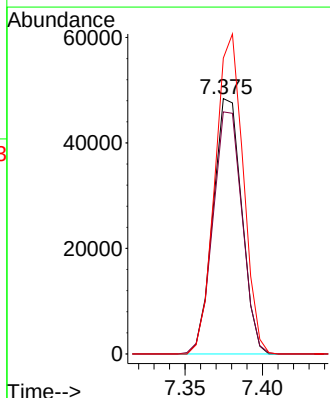
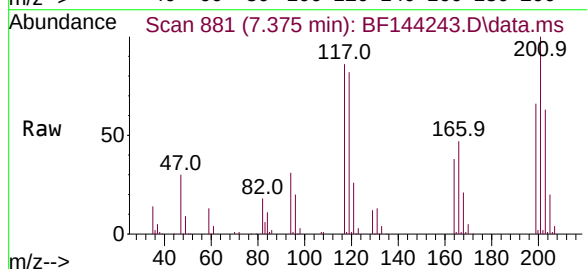
Tgt Ion:117 Resp: 62410

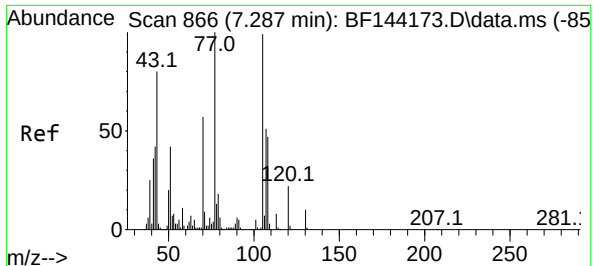
Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.8

201 115.8 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 40.899 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 112683

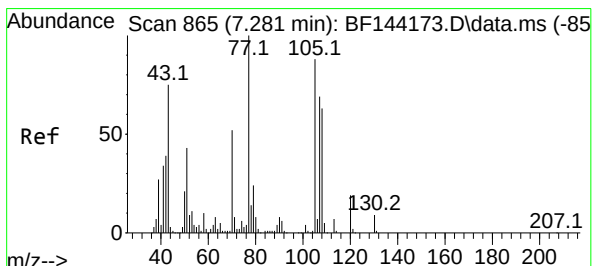
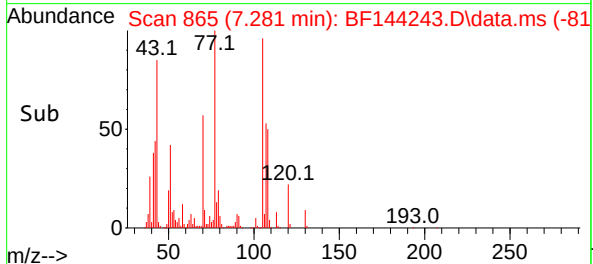
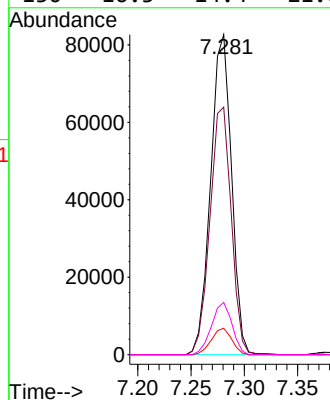
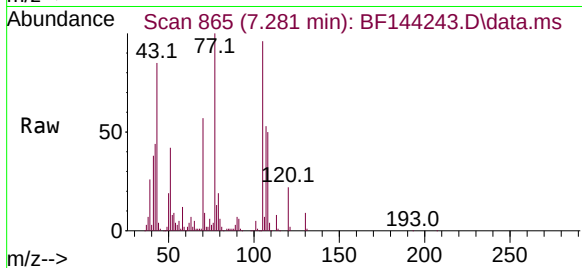
Ion Ratio Lower Upper

70 100

42 77.3 58.3 87.5

101 8.2 7.0 10.6

130 16.3 14.4 21.6



#20

3+4-Methylphenols

Concen: 41.653 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Tgt Ion: 107 Resp: 141494

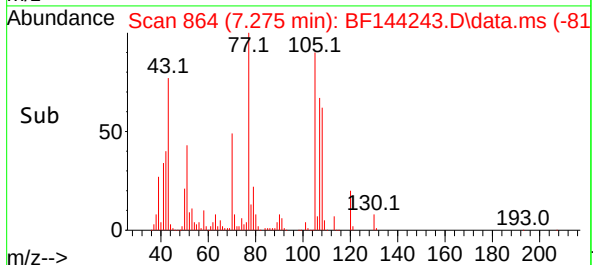
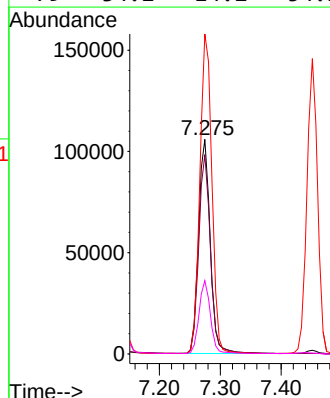
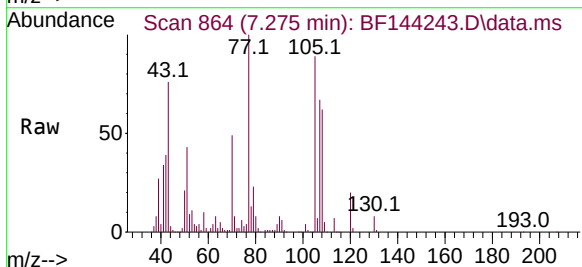
Ion Ratio Lower Upper

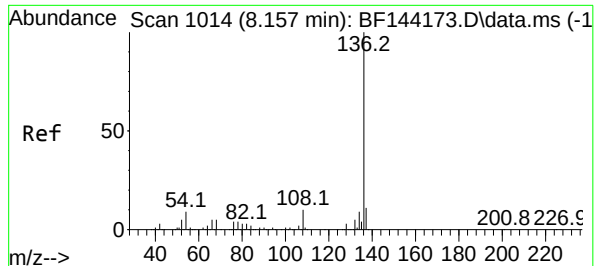
107 100

108 92.9 70.2 110.2

77 149.2 123.9 163.9

79 34.2 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144243.D

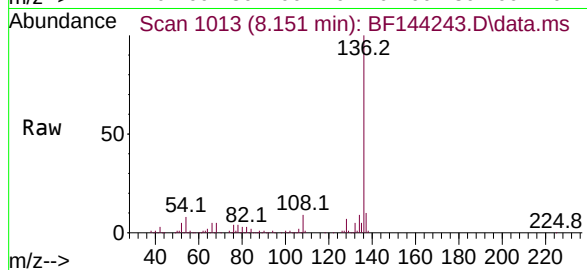
Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:136 Resp: 225618

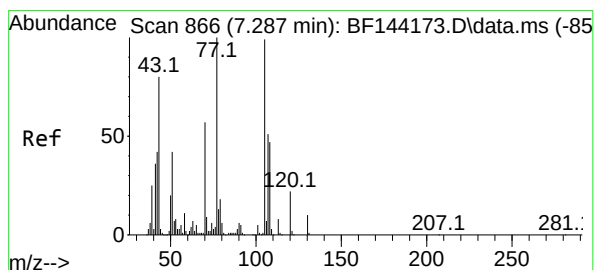
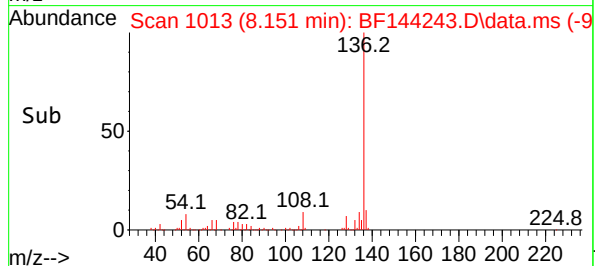
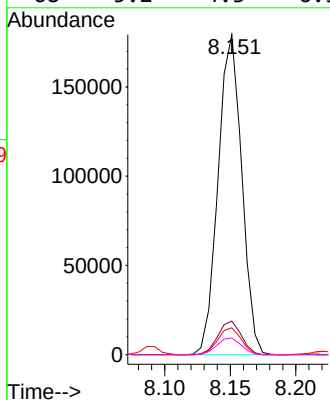
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.4 7.0 10.6

68 5.2 4.3 6.5



#22

Acetophenone

Concen: 40.425 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Tgt Ion:105 Resp: 195657

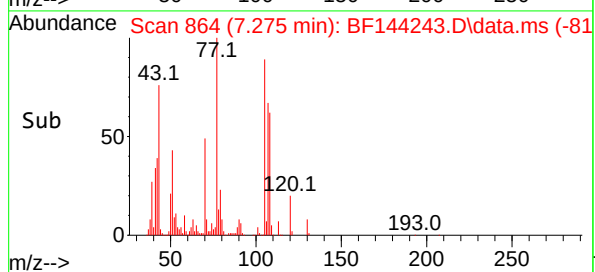
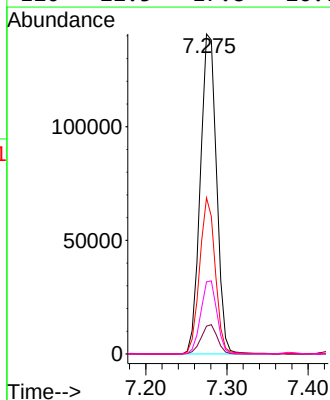
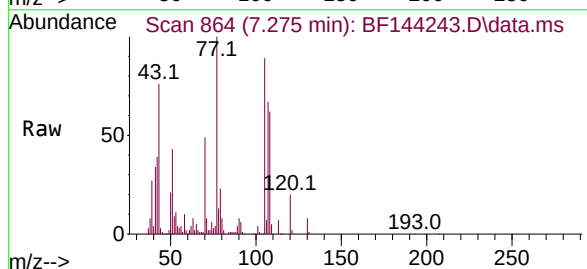
Ion Ratio Lower Upper

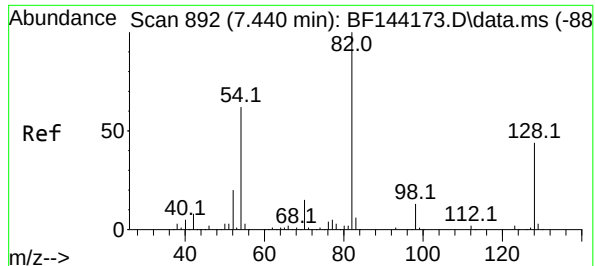
105 100

71 8.7 7.2 10.8

51 48.8 34.0 51.0

120 22.5 17.8 26.6





#23

Nitrobenzene-d5

Concen: 83.721 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

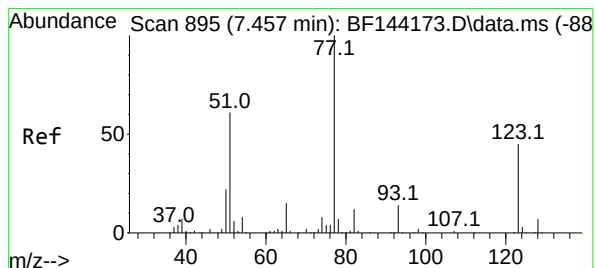
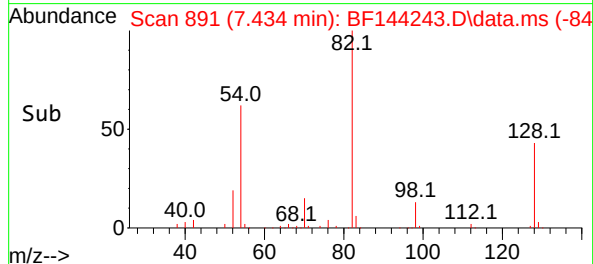
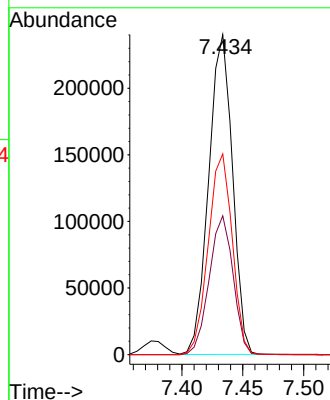
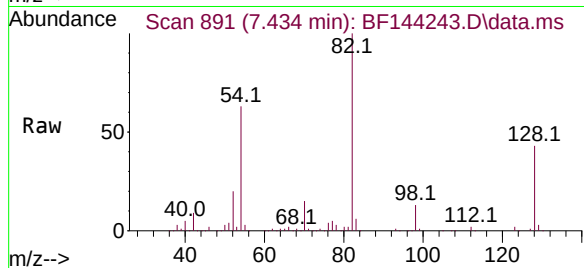
Tgt Ion: 82 Resp: 327055

Ion Ratio Lower Upper

82 100

128 43.4 34.7 52.1

54 62.7 49.5 74.3



#24

Nitrobenzene

Concen: 41.563 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

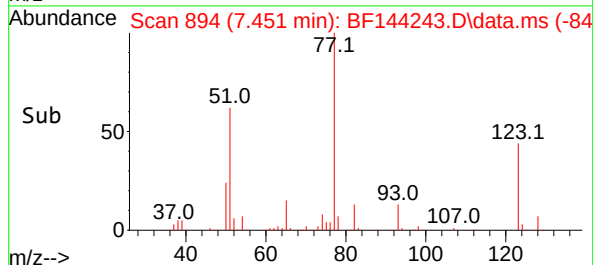
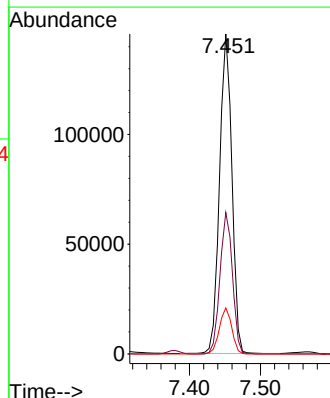
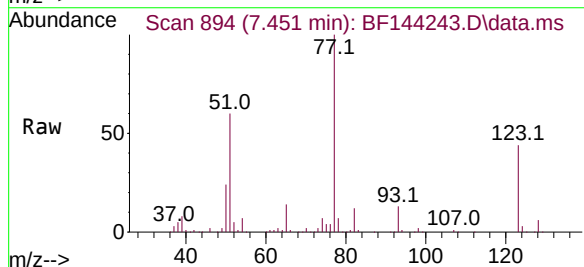
Tgt Ion: 77 Resp: 176289

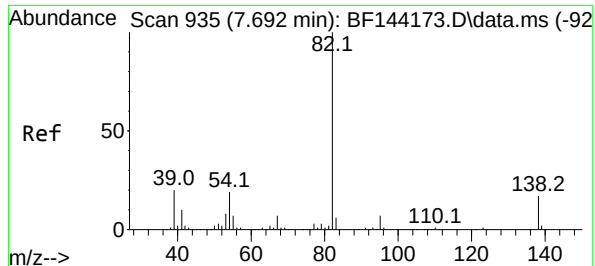
Ion Ratio Lower Upper

77 100

123 44.2 35.8 53.8

65 14.4 12.2 18.2





#25

Isophorone

Concen: 41.467 ng

RT: 7.686 min Scan# 934

Delta R.T. -0.000 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

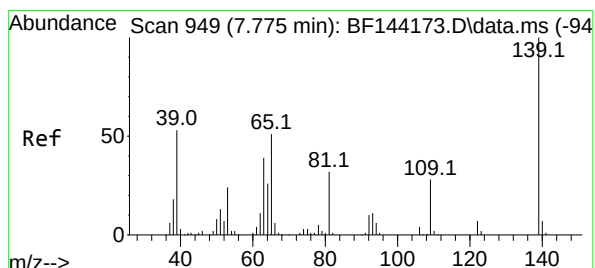
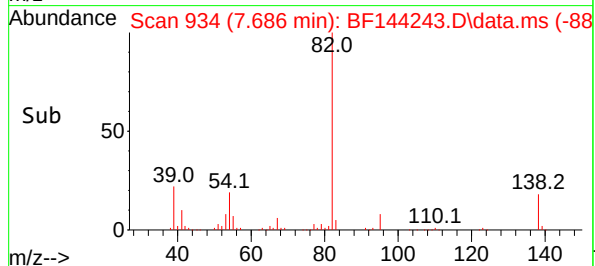
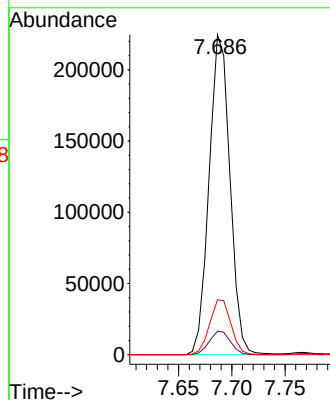
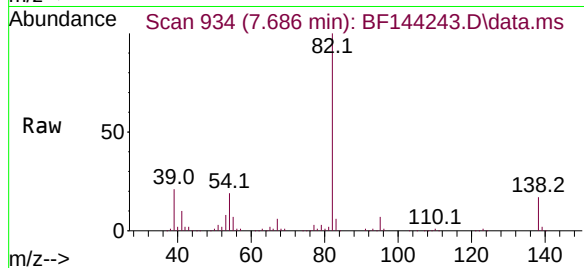
Tgt Ion: 82 Resp: 306409

Ion Ratio Lower Upper

82 100

95 7.3 5.5 8.3

138 17.1 13.7 20.5



#26

2-Nitrophenol

Concen: 43.469 ng

RT: 7.769 min Scan# 948

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

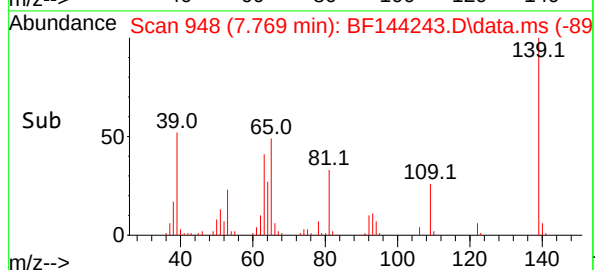
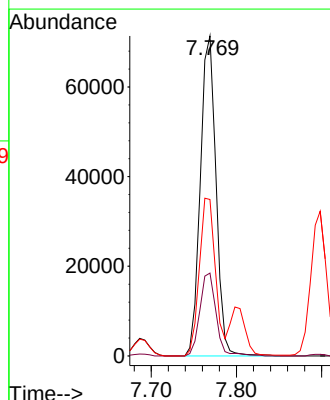
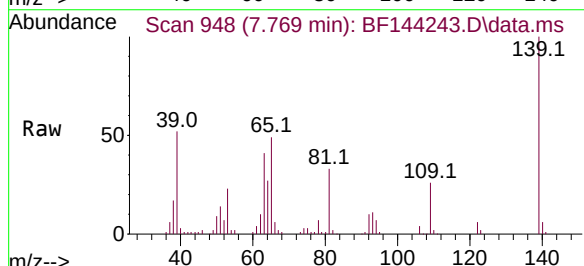
Tgt Ion:139 Resp: 91269

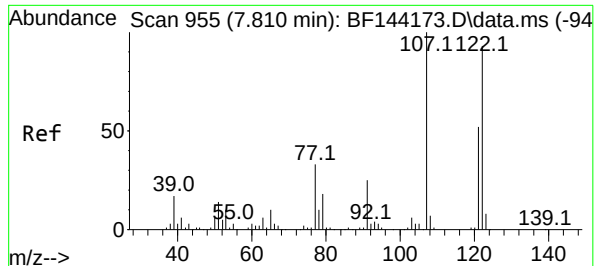
Ion Ratio Lower Upper

139 100

109 25.9 22.2 33.2

65 48.9 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 41.791 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

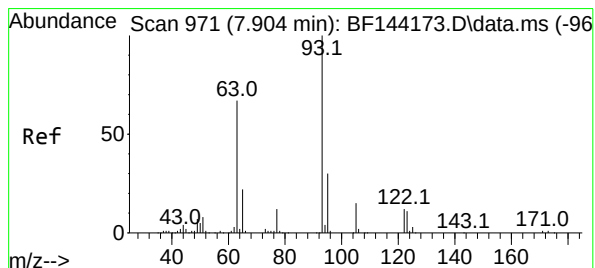
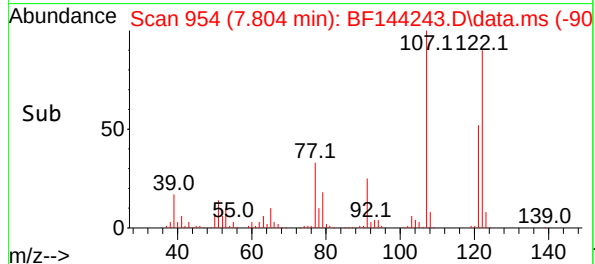
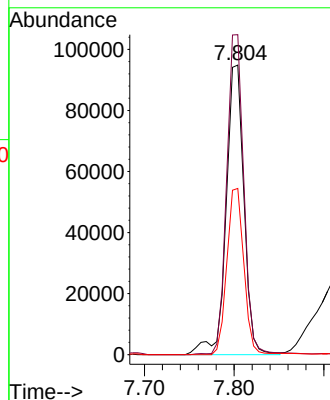
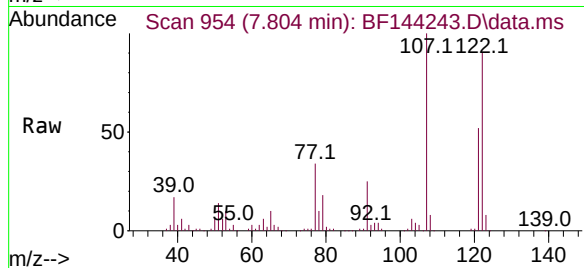
Tgt Ion:122 Resp: 131515

Ion Ratio Lower Upper

122 100

107 110.5 86.2 129.4

121 57.4 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 41.464 ng

RT: 7.898 min Scan# 970

Delta R.T. -0.000 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

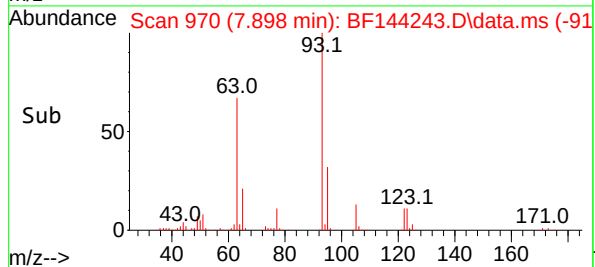
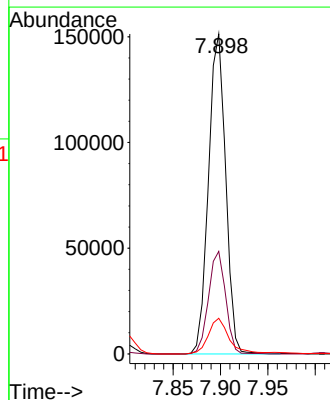
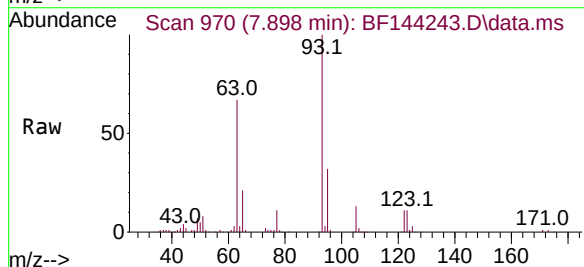
Tgt Ion: 93 Resp: 191324

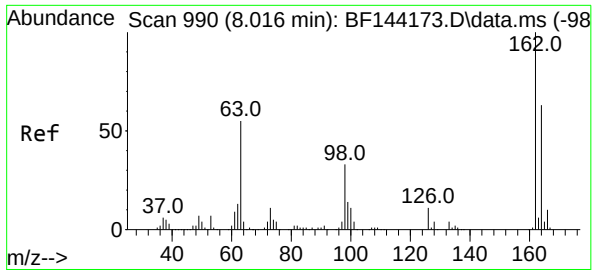
Ion Ratio Lower Upper

93 100

95 32.0 24.2 36.4

123 11.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.555 ng

RT: 8.010 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

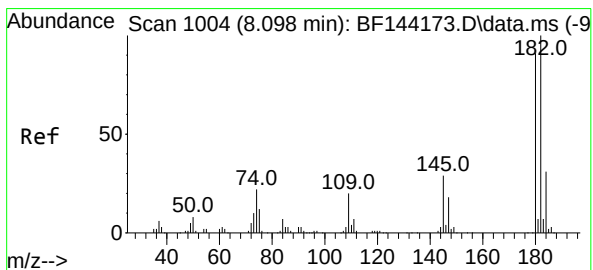
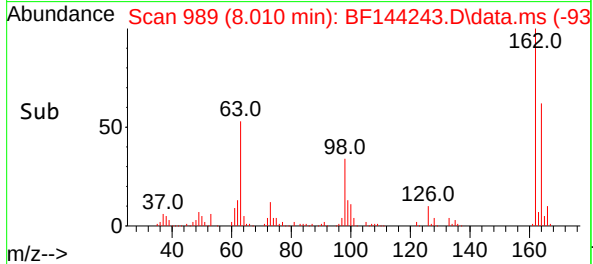
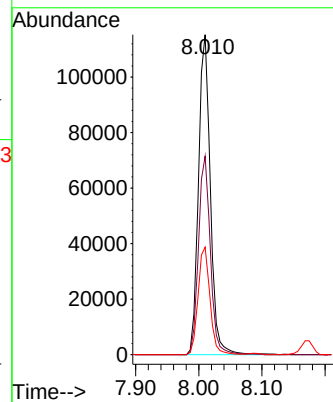
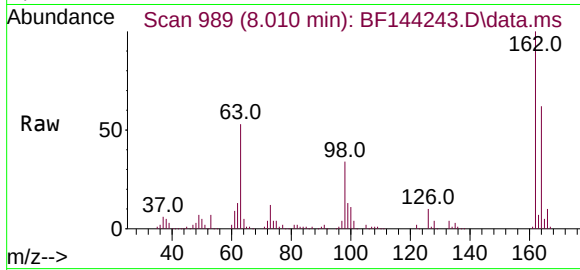
Tgt Ion:162 Resp: 150726

Ion Ratio Lower Upper

162 100

164 62.0 42.9 82.9

98 33.6 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 40.076 ng

RT: 8.092 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

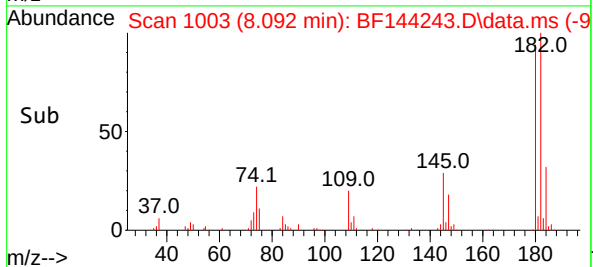
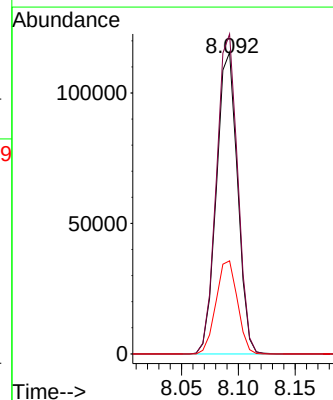
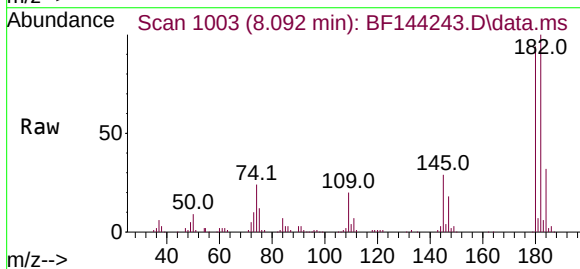
Tgt Ion:180 Resp: 149265

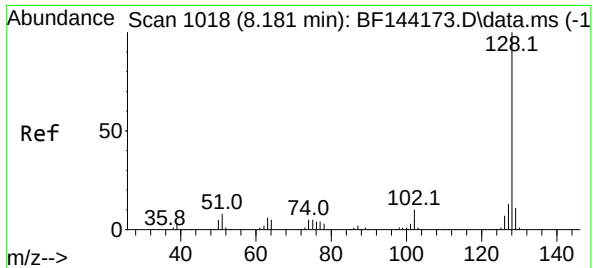
Ion Ratio Lower Upper

180 100

182 106.1 87.7 131.5

145 30.9 25.4 38.0

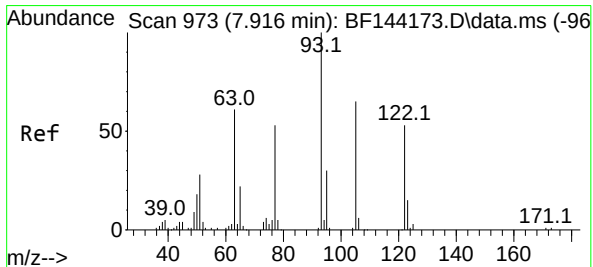
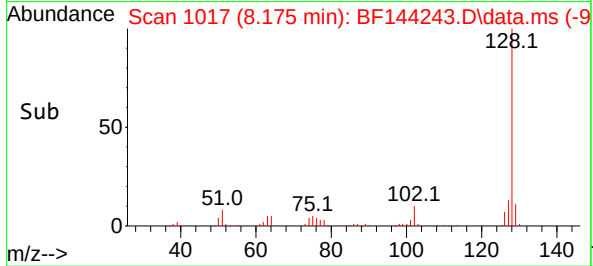
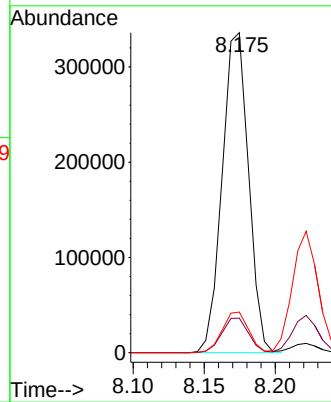
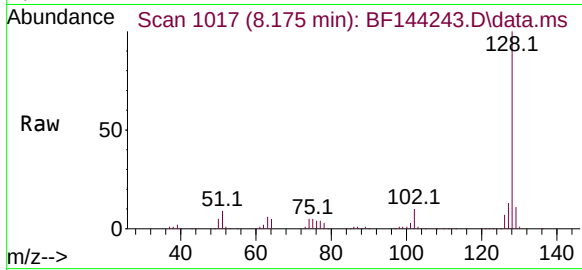




#31
Naphthalene
Concen: 40.524 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

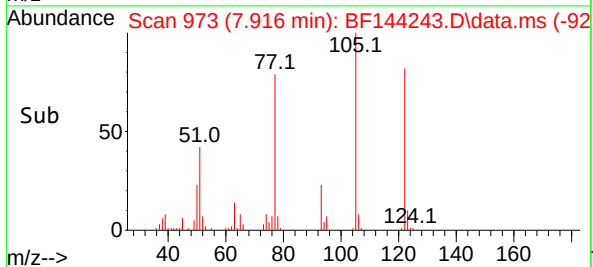
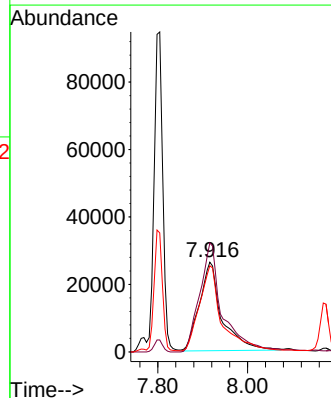
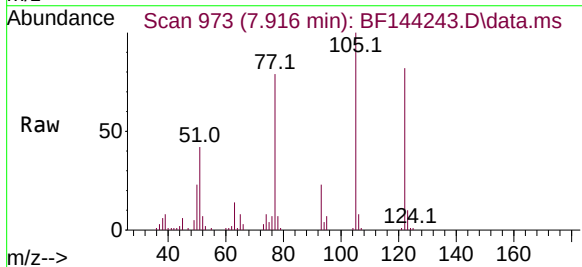
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

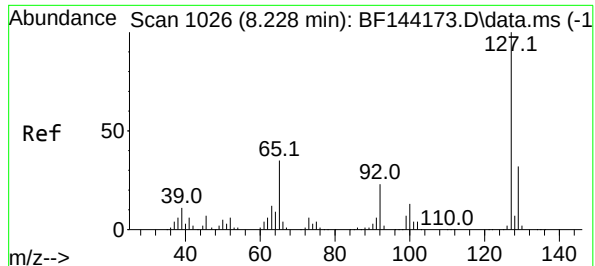
Tgt Ion:128 Resp: 434920
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.7 10.3 15.5



#32
Benzoic acid
Concen: 39.760 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion:122 Resp: 91717
Ion Ratio Lower Upper
122 100
105 121.5 99.9 139.9
77 96.1 77.5 117.5





#33

4-Chloroaniline

Concen: 41.852 ng

RT: 8.222 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 163820

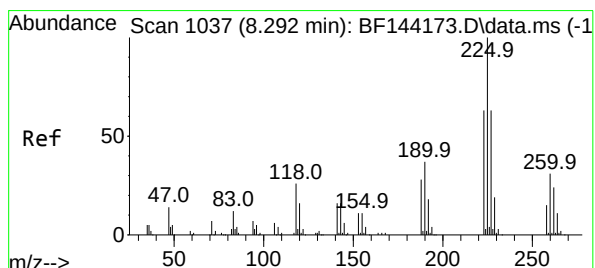
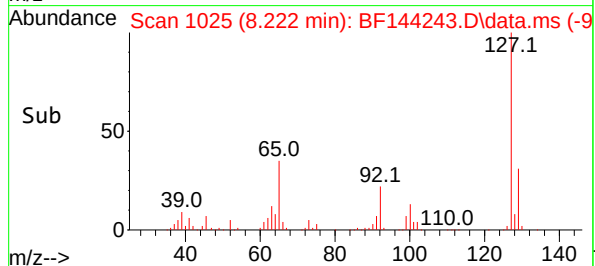
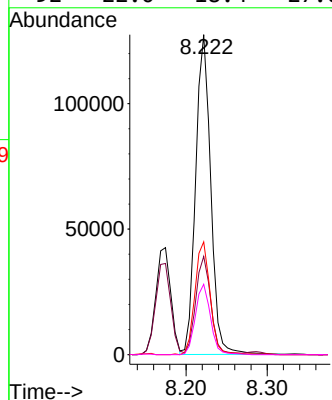
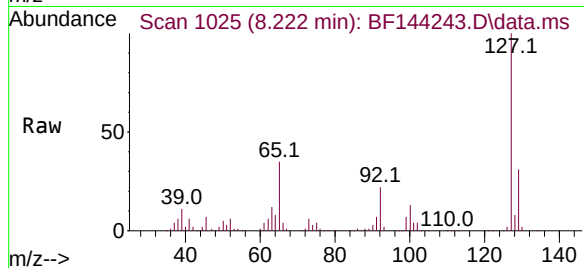
Ion Ratio Lower Upper

127 100

129 30.7 25.3 37.9

65 35.2 27.6 41.4

92 22.0 18.4 27.6



#34

Hexachlorobutadiene

Concen: 40.325 ng

RT: 8.286 min Scan# 1036

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

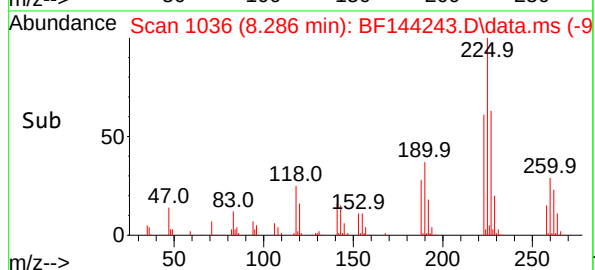
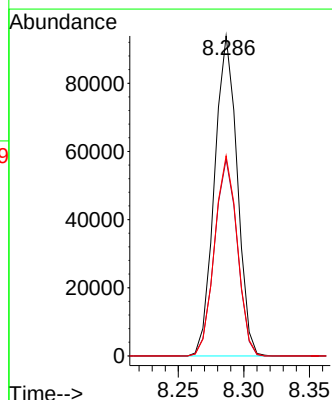
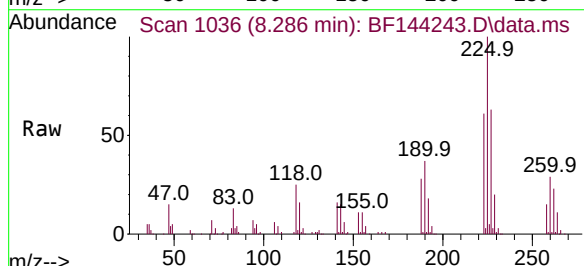
Tgt Ion:225 Resp: 113192

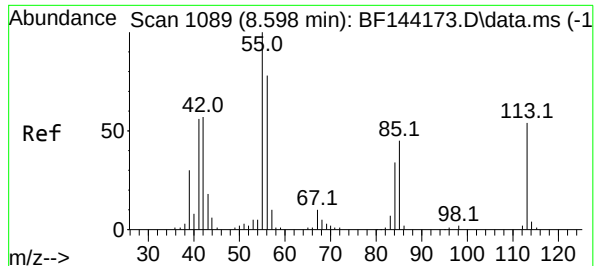
Ion Ratio Lower Upper

225 100

223 61.5 50.2 75.4

227 62.5 50.1 75.1





#35

Caprolactam

Concen: 41.553 ng

RT: 8.592 min Scan# 1088

Delta R.T. -0.029 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

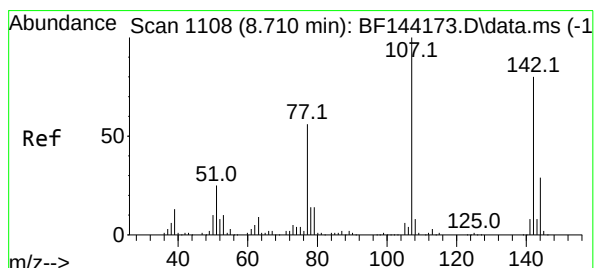
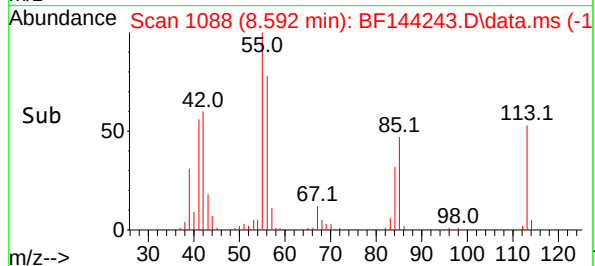
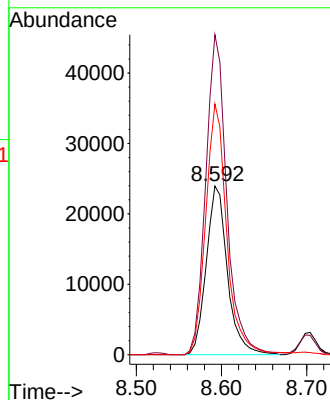
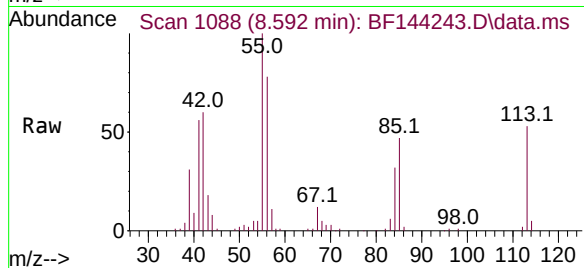
Tgt Ion:113 Resp: 41292

Ion Ratio Lower Upper

113 100

55 189.9 166.8 206.8

56 148.7 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 42.109 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

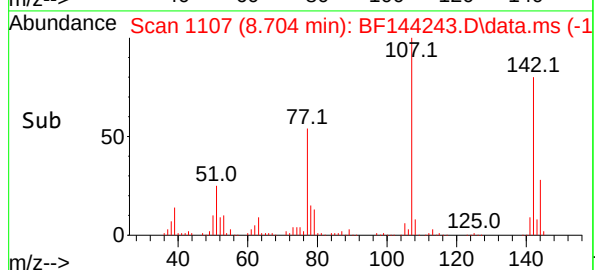
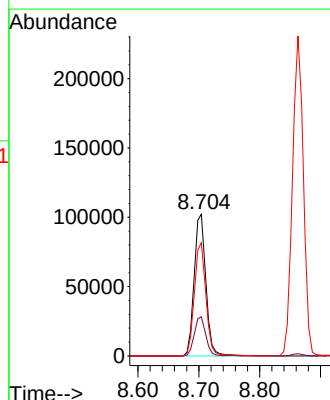
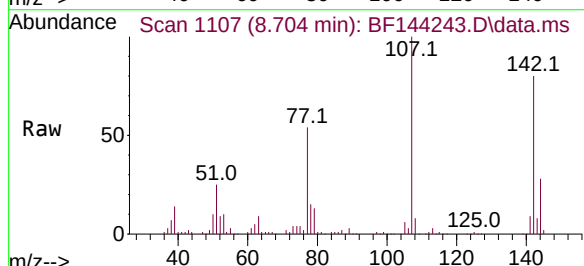
Tgt Ion:107 Resp: 136882

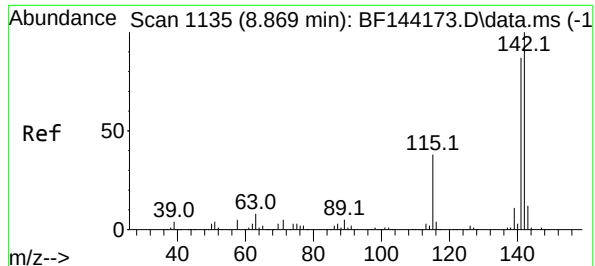
Ion Ratio Lower Upper

107 100

144 27.6 23.3 34.9

142 79.9 63.8 95.6





#37

2-Methylnaphthalene

Concen: 39.942 ng

RT: 8.863 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

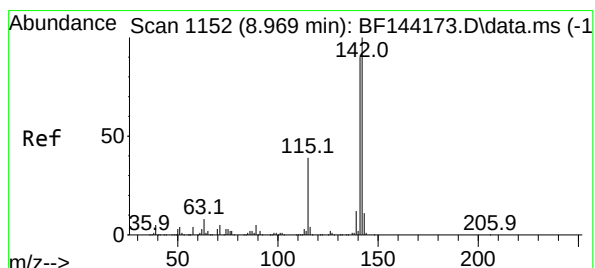
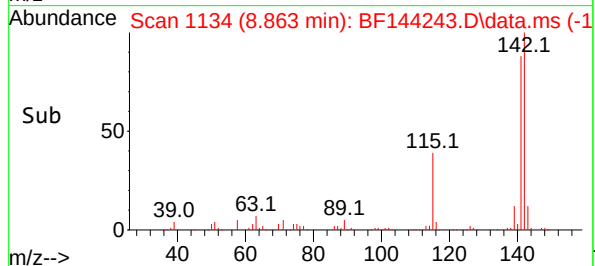
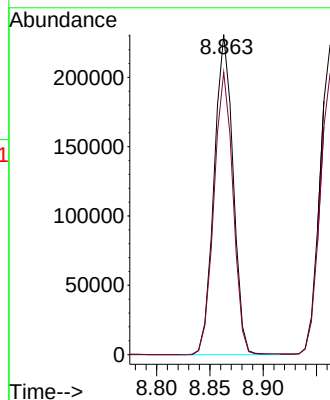
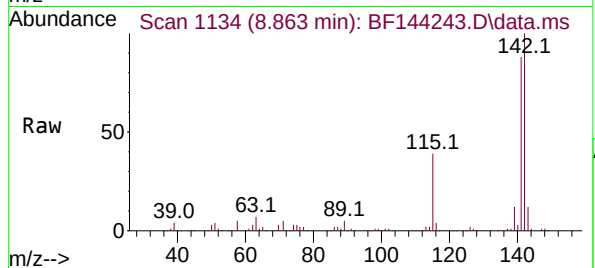
SSTDCCC040

Tgt Ion:142 Resp: 286611

Ion Ratio Lower Upper

142 100

141 88.3 69.9 104.9



#38

1-Methylnaphthalene

Concen: 40.073 ng

RT: 8.963 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF144243.D

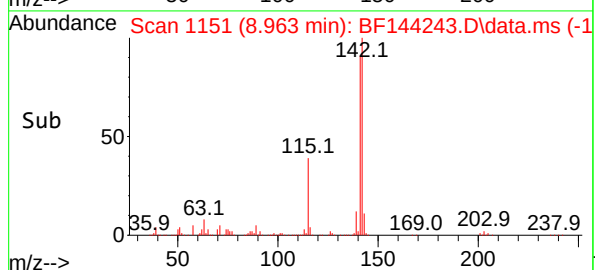
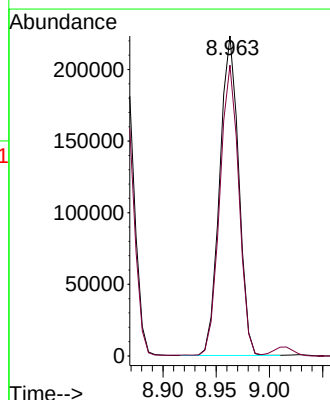
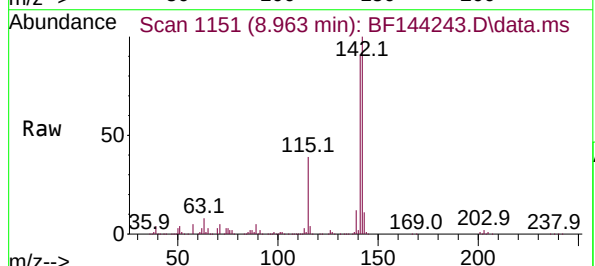
Acq: 13 Nov 2025 14:56

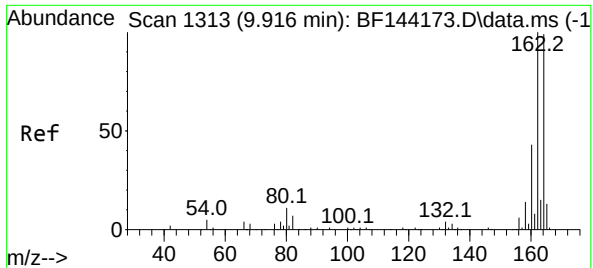
Tgt Ion:142 Resp: 277452

Ion Ratio Lower Upper

142 100

141 90.8 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1313

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

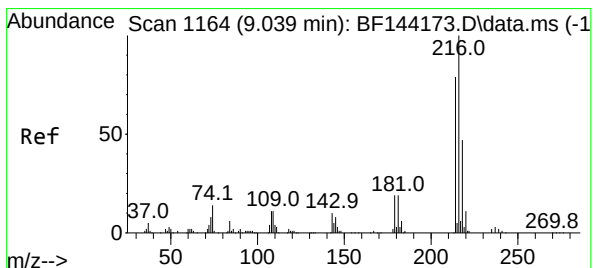
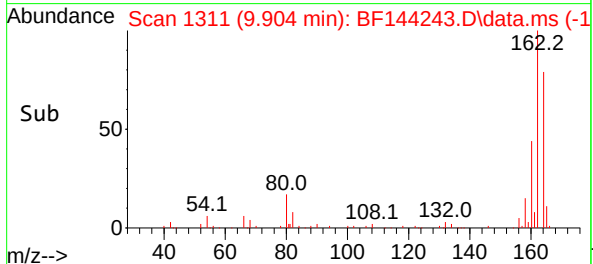
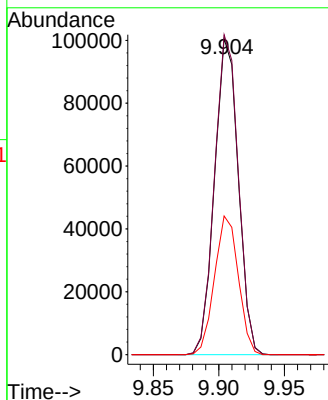
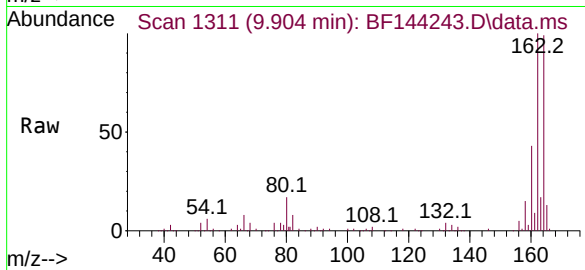
Tgt Ion:164 Resp: 126474

Ion Ratio Lower Upper

164 100

162 101.3 81.1 121.7

160 43.9 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.022 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Tgt Ion:216 Resp: 165890

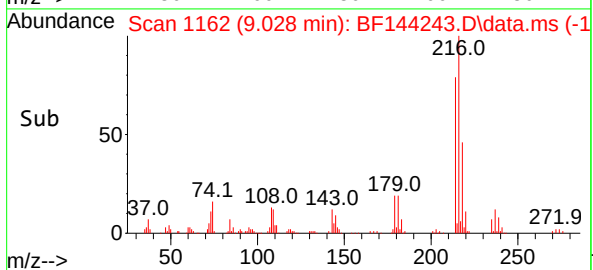
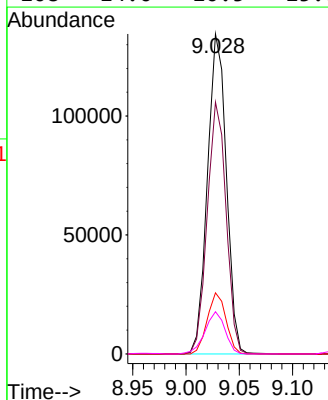
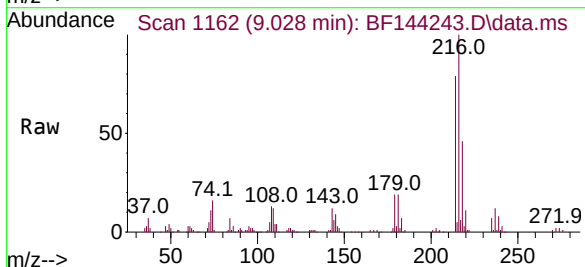
Ion Ratio Lower Upper

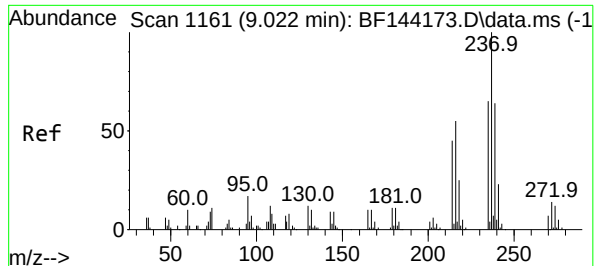
216 100

214 78.3 63.4 95.2

179 18.9 15.0 22.4

108 14.0 10.5 15.7





#41

Hexachlorocyclopentadiene

Concen: 53.524 ng

RT: 9.016 min Scan# 1161

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

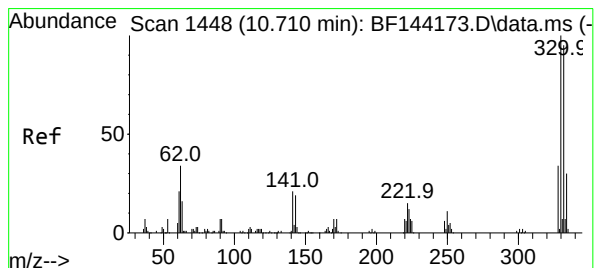
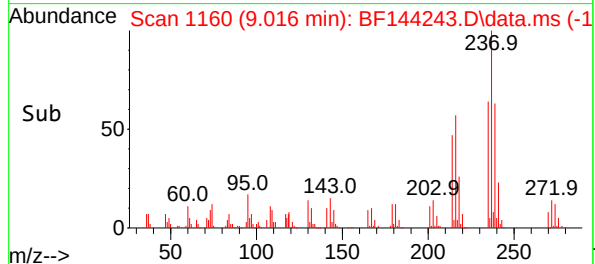
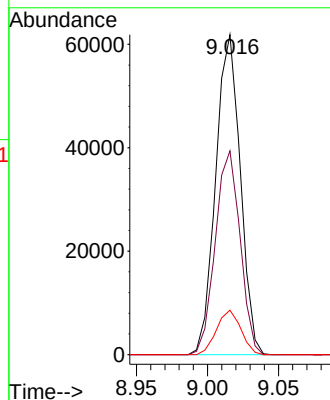
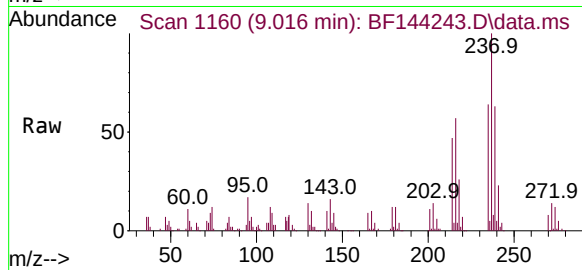
Tgt Ion:237 Resp: 74643

Ion Ratio Lower Upper

237 100

235 63.7 45.5 85.5

272 13.9 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 79.353 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

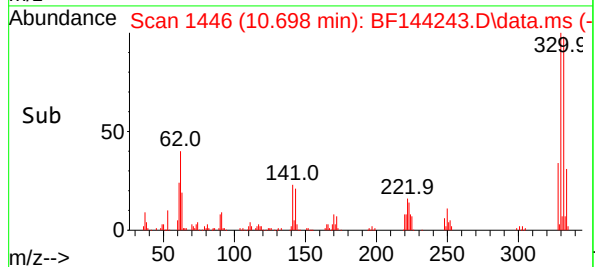
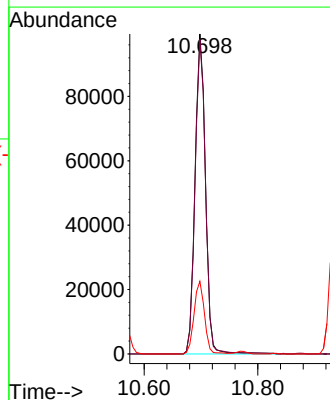
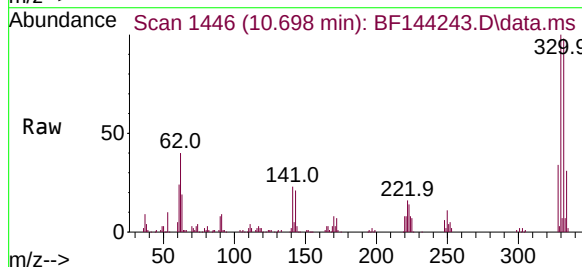
Tgt Ion:330 Resp: 125941

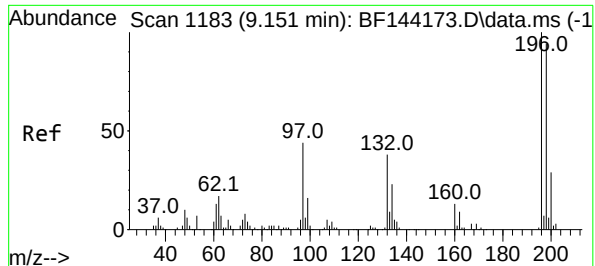
Ion Ratio Lower Upper

330 100

332 97.7 76.7 115.1

141 22.7 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 40.957 ng

RT: 9.139 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

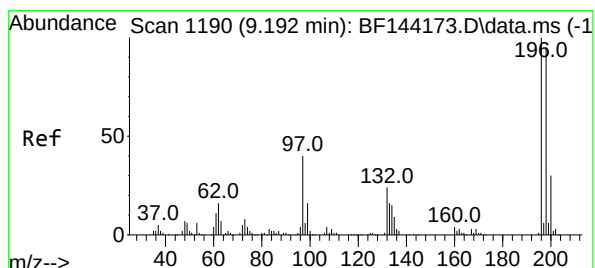
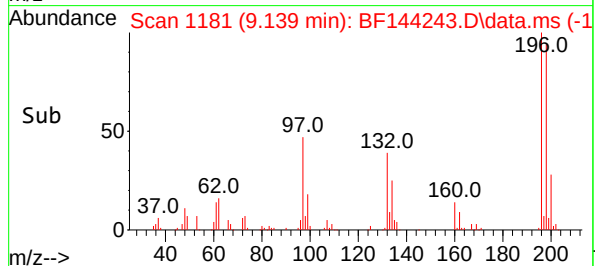
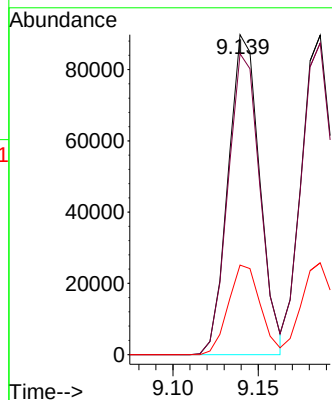
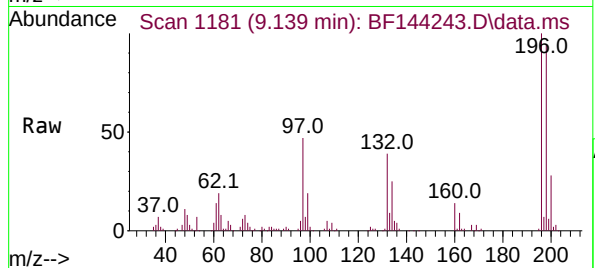
Tgt Ion:196 Resp: 115545

Ion Ratio Lower Upper

196 100

198 94.1 75.3 112.9

200 28.0 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 39.949 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Tgt Ion:196 Resp: 121468

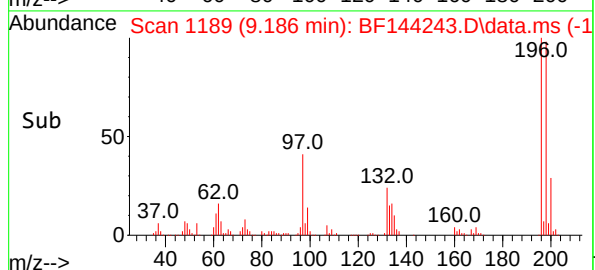
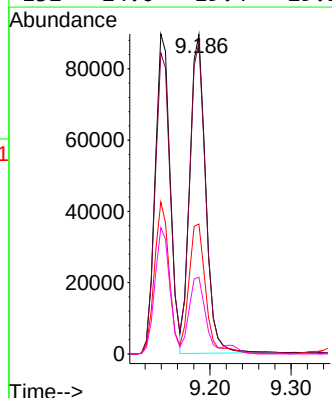
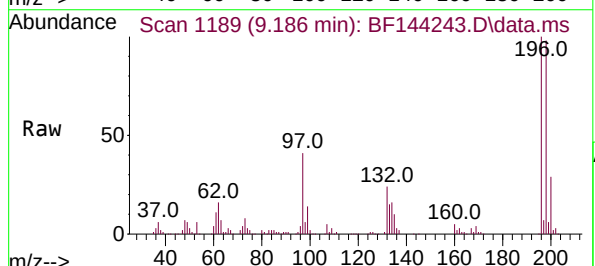
Ion Ratio Lower Upper

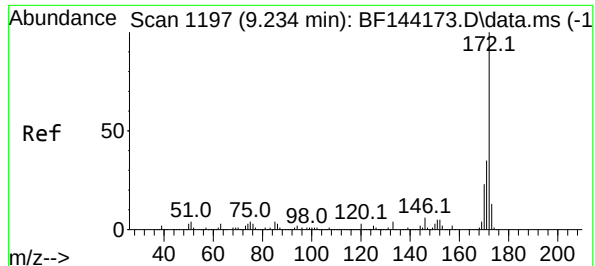
196 100

198 97.6 76.1 114.1

97 40.7 31.9 47.9

132 24.0 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 78.407 ng

RT: 9.228 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

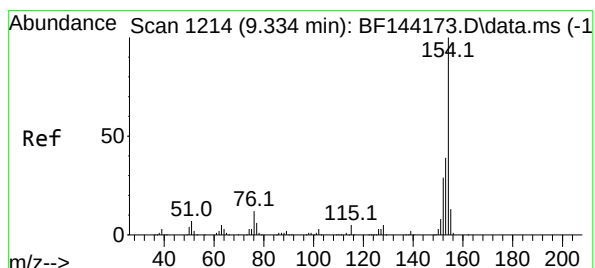
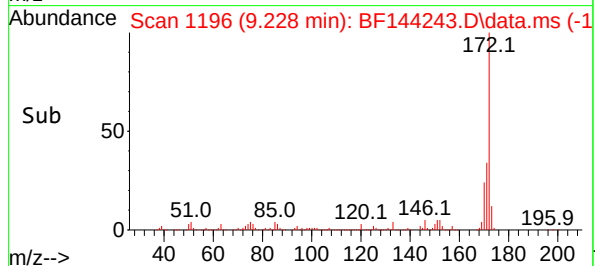
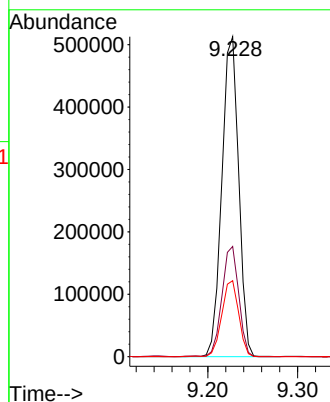
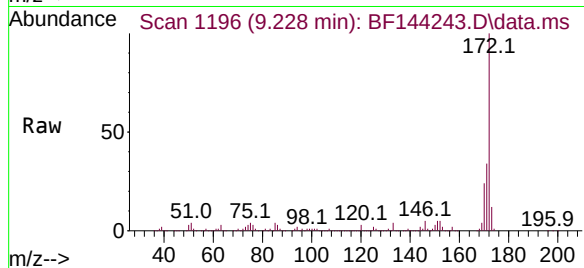
Tgt Ion:172 Resp: 671420

Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 23.7 18.6 28.0



#46

1,1'-Biphenyl

Concen: 40.611 ng

RT: 9.328 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

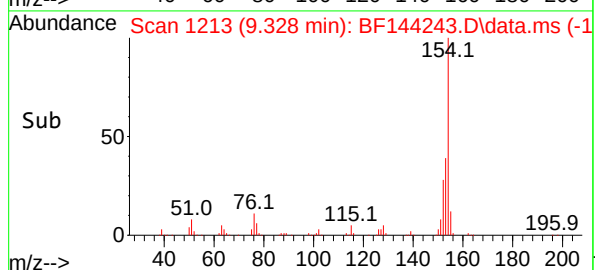
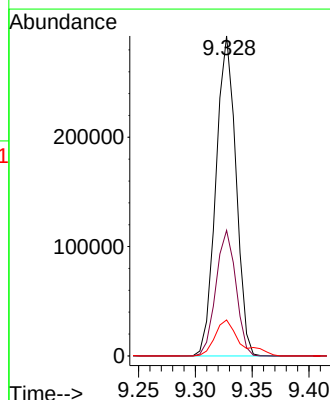
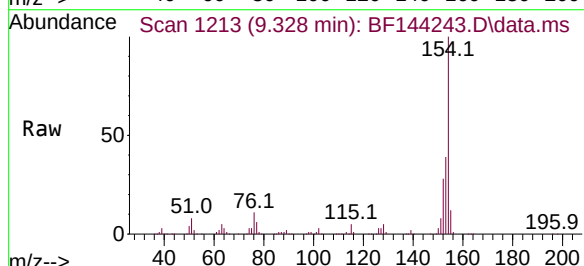
Tgt Ion:154 Resp: 358522

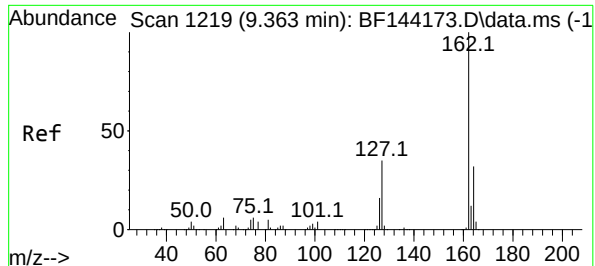
Ion Ratio Lower Upper

154 100

153 39.2 19.2 59.2

76 11.2 0.0 31.8





#47

2-Chloronaphthalene

Concen: 40.085 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

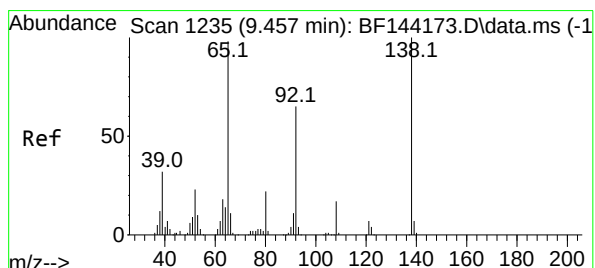
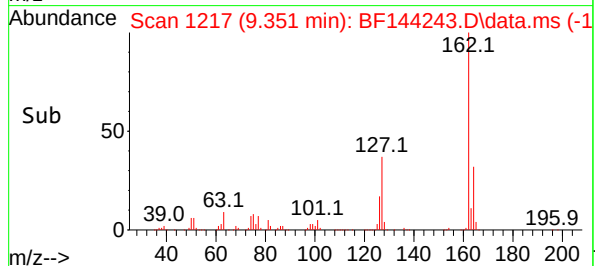
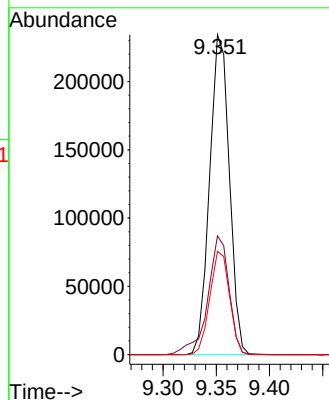
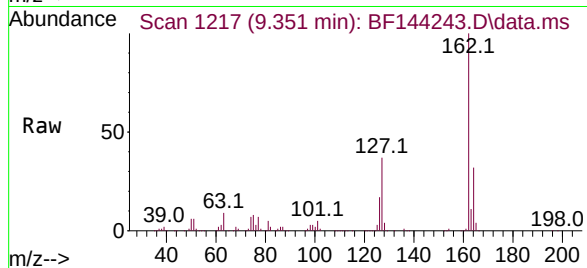
Tgt Ion:162 Resp: 301868

Ion Ratio Lower Upper

162 100

127 37.1 28.8 43.2

164 32.3 25.8 38.8



#48

2-Nitroaniline

Concen: 44.353 ng

RT: 9.451 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

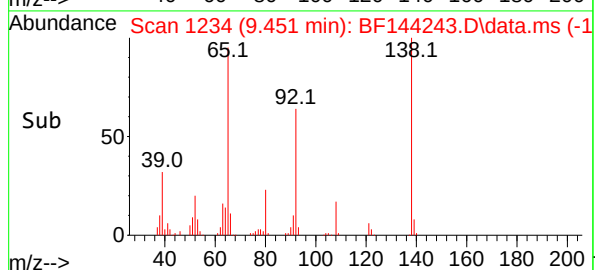
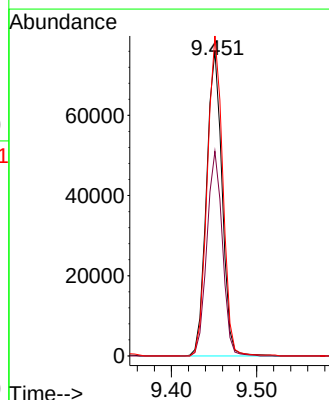
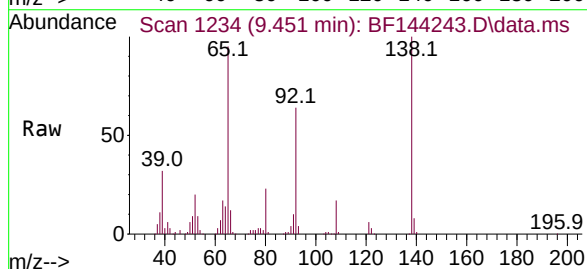
Tgt Ion: 65 Resp: 96372

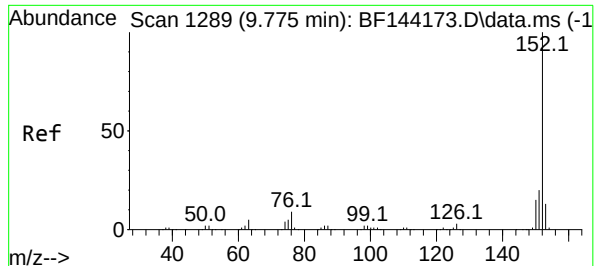
Ion Ratio Lower Upper

65 100

92 67.0 53.0 79.6

138 104.9 81.6 122.4





#49

Acenaphthylene

Concen: 40.524 ng

RT: 9.769 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

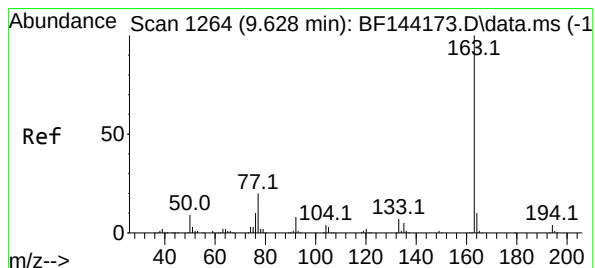
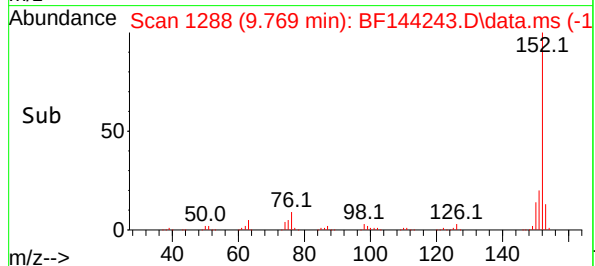
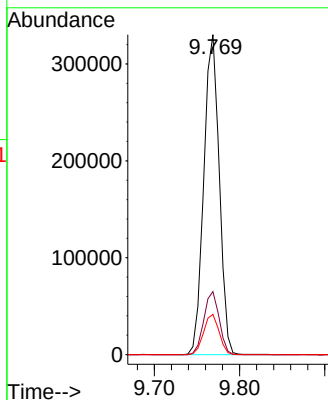
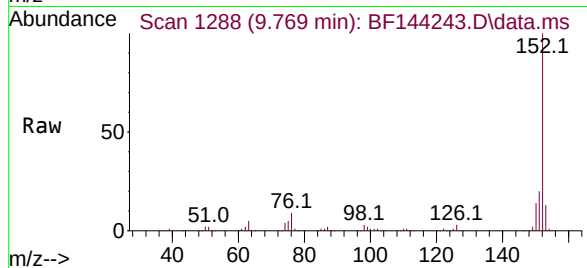
Tgt Ion:152 Resp: 415869

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 12.6 10.5 15.7



#50

Dimethylphthalate

Concen: 41.145 ng

RT: 9.622 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

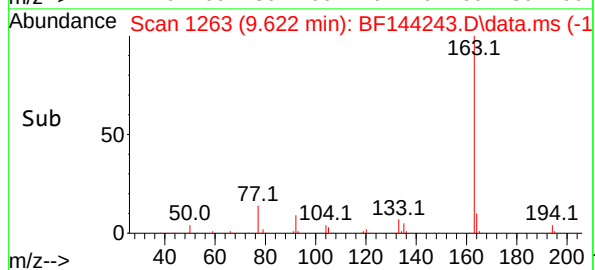
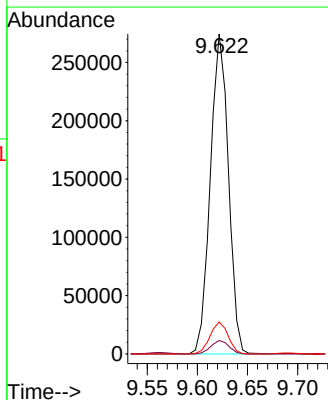
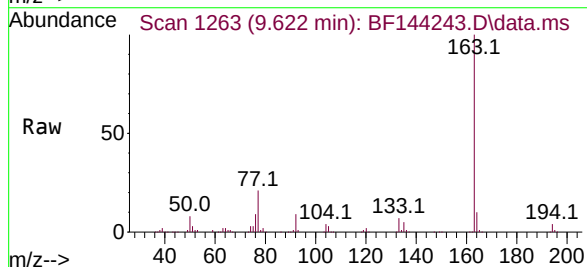
Tgt Ion:163 Resp: 344741

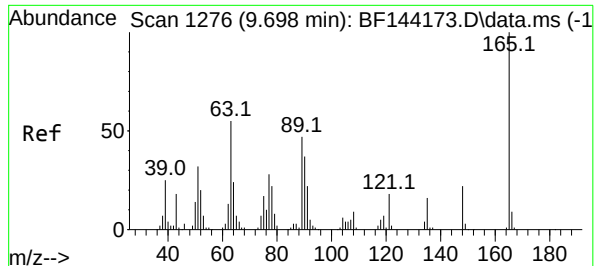
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 43.406 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

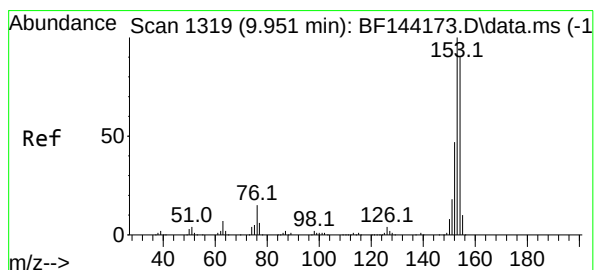
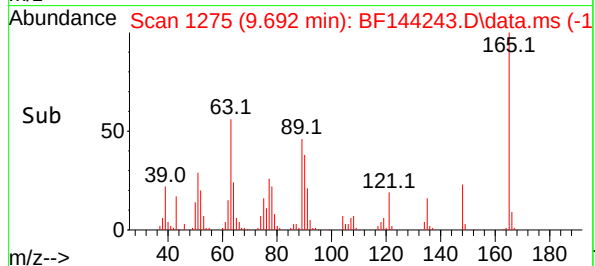
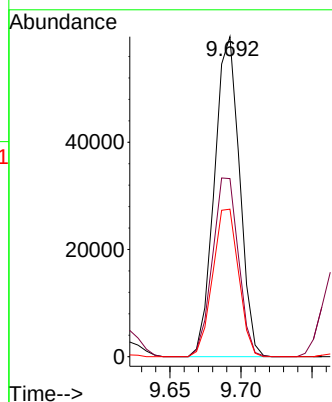
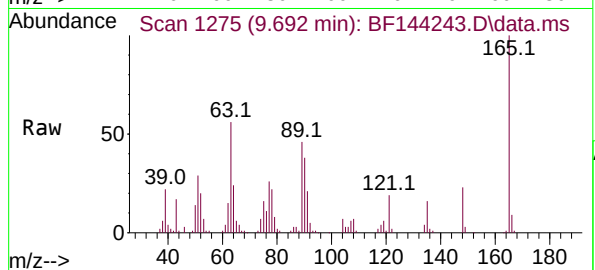
Tgt Ion:165 Resp: 73622

Ion Ratio Lower Upper

165 100

63 55.6 43.8 65.8

89 46.1 37.5 56.3



#52

Acenaphthene

Concen: 42.960 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

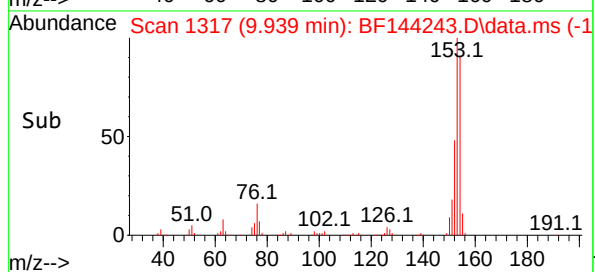
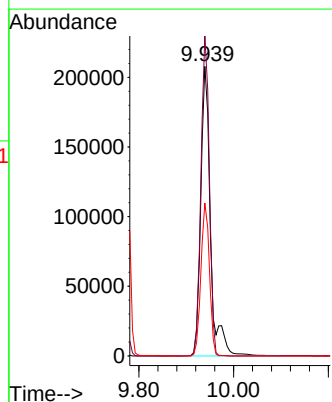
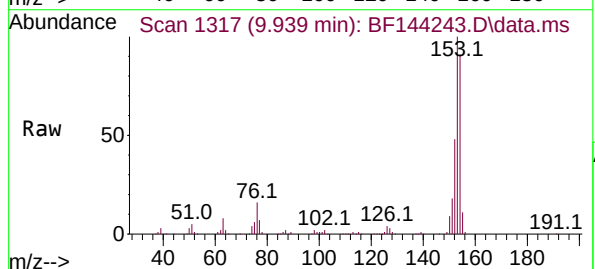
Tgt Ion:154 Resp: 294814

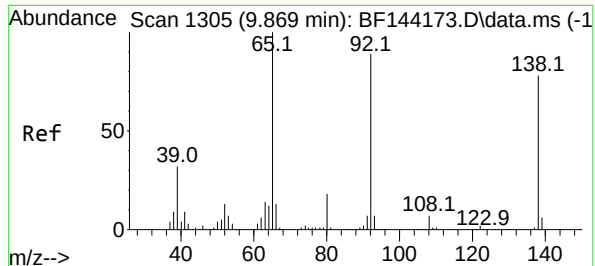
Ion Ratio Lower Upper

154 100

153 110.5 89.0 133.4

152 52.8 42.2 63.4





#53

3-Nitroaniline

Concen: 43.575 ng

RT: 9.863 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

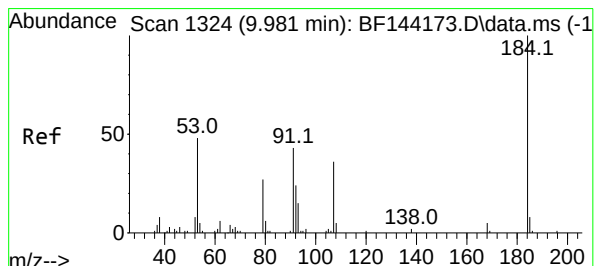
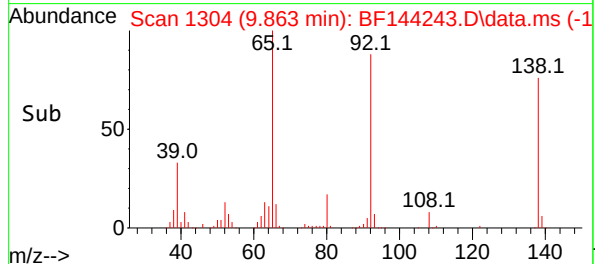
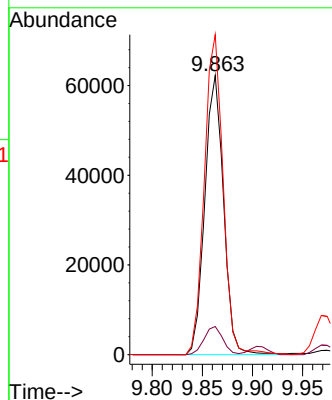
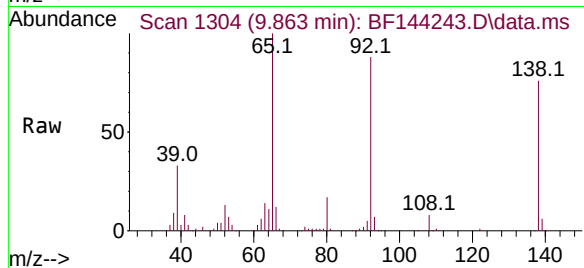
Tgt Ion:138 Resp: 80793

Ion Ratio Lower Upper

138 100

108 10.0 7.5 11.3

92 114.7 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 61.614 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

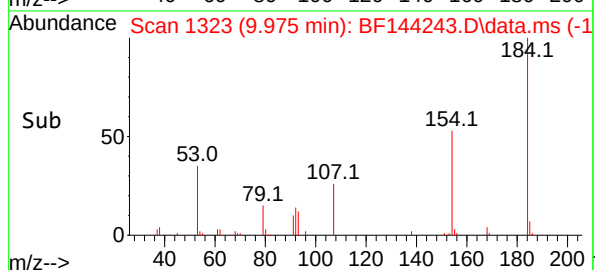
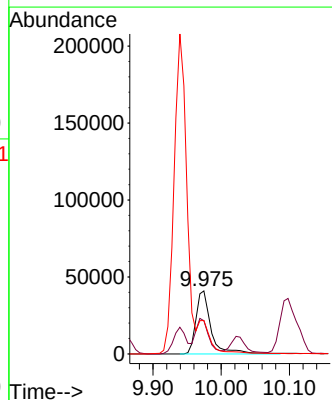
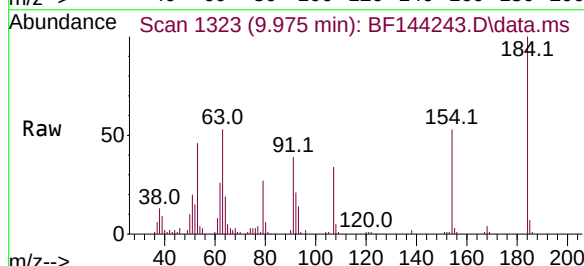
Tgt Ion:184 Resp: 63105

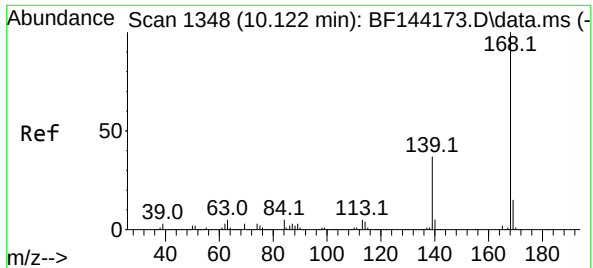
Ion Ratio Lower Upper

184 100

63 52.8 44.0 66.0

154 53.0 42.4 63.6





#55

Dibenzenofuran

Concen: 40.534 ng

RT: 10.110 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

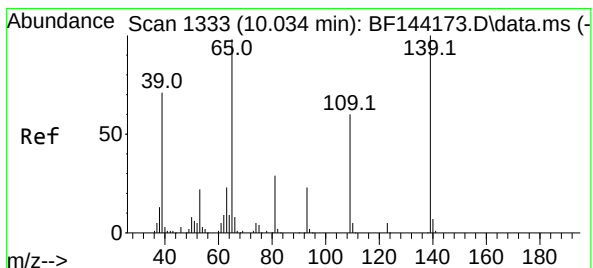
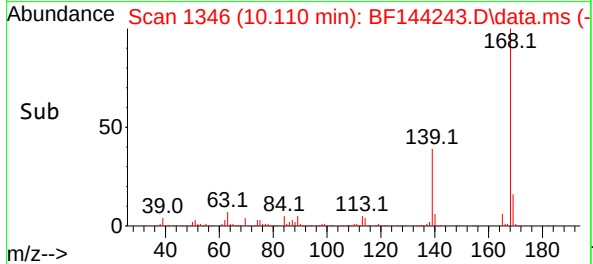
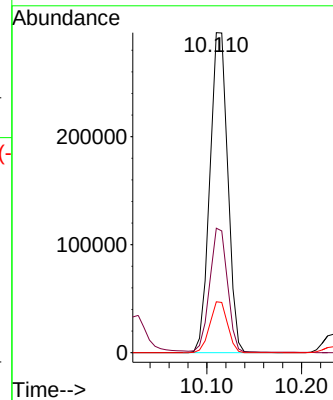
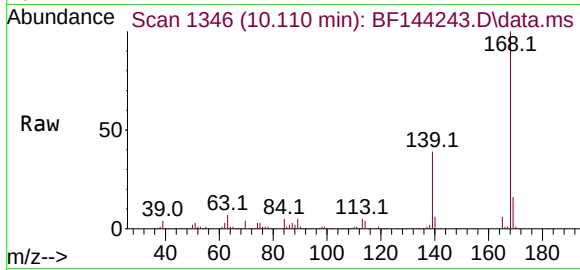
Tgt Ion:168 Resp: 389584

Ion Ratio Lower Upper

168 100

139 38.9 30.2 45.2

169 15.9 12.2 18.4



#56

4-Nitrophenol

Concen: 38.815 ng

RT: 10.027 min Scan# 1332

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

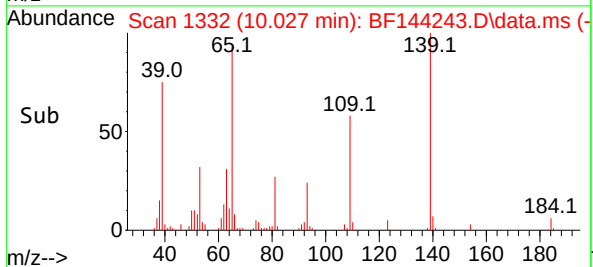
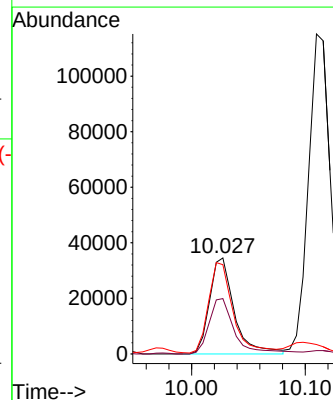
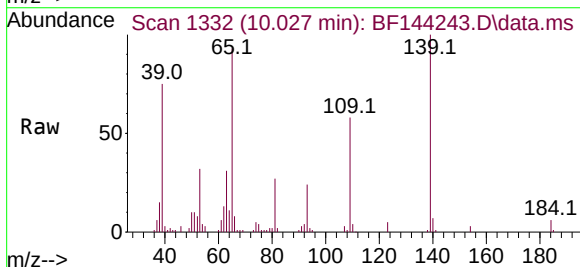
Tgt Ion:139 Resp: 52059

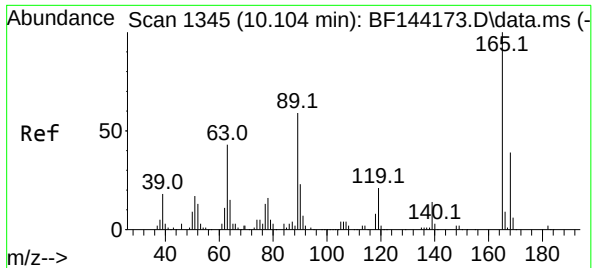
Ion Ratio Lower Upper

139 100

109 57.7 39.9 79.9

65 93.1 79.5 119.5

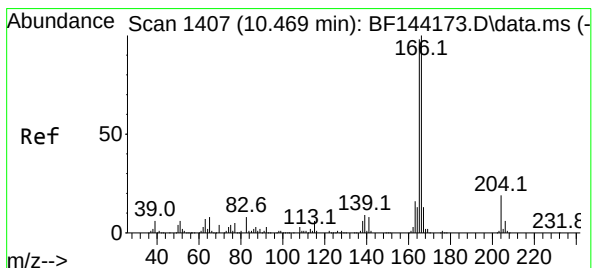
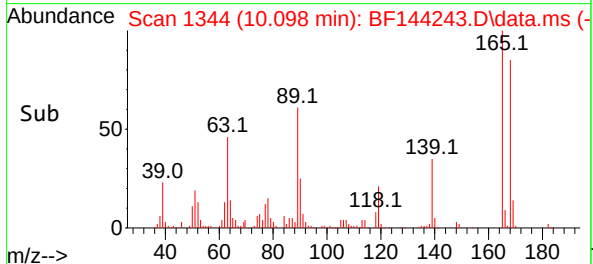
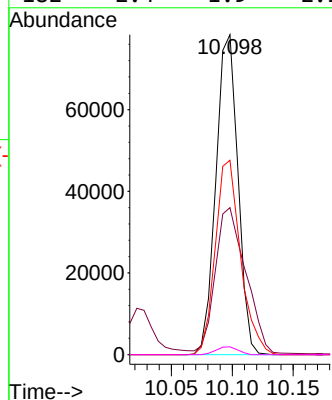
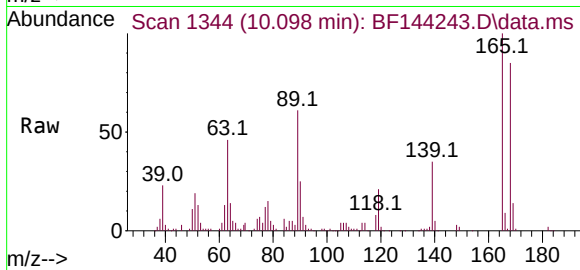




#57
2,4-Dinitrotoluene
Concen: 43.497 ng
RT: 10.098 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

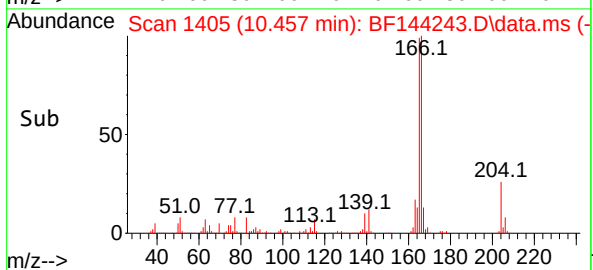
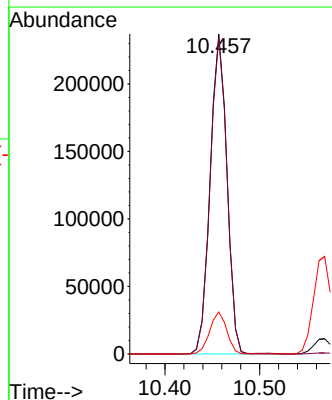
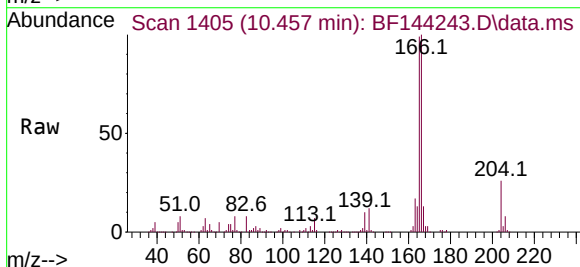
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

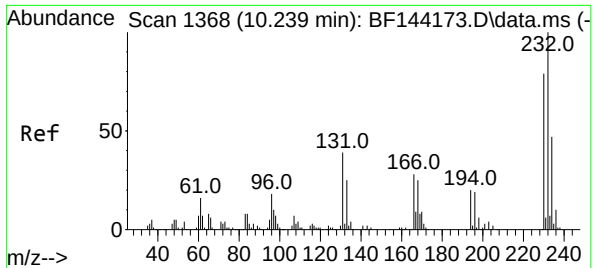
Tgt Ion:165 Resp: 98763
Ion Ratio Lower Upper
165 100
63 45.9 35.5 53.3
89 60.7 47.4 71.2
182 2.4 1.9 2.9



#58
Fluorene
Concen: 39.956 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion:166 Resp: 291978
Ion Ratio Lower Upper
166 100
165 98.8 78.6 118.0
167 13.1 10.4 15.6

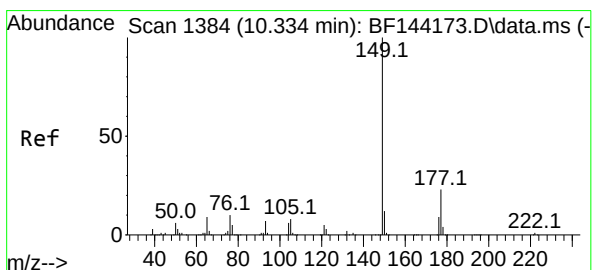
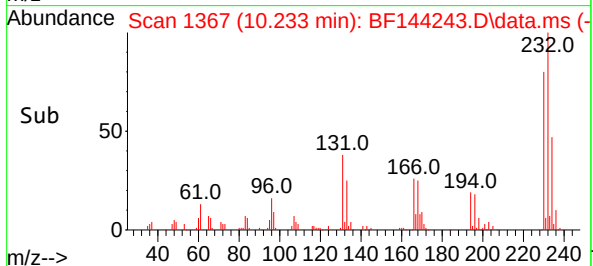
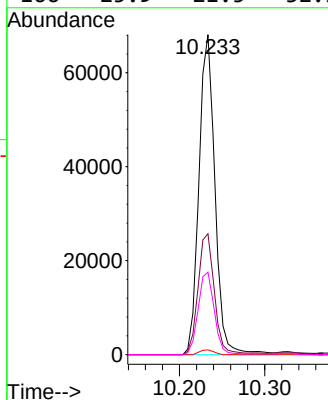
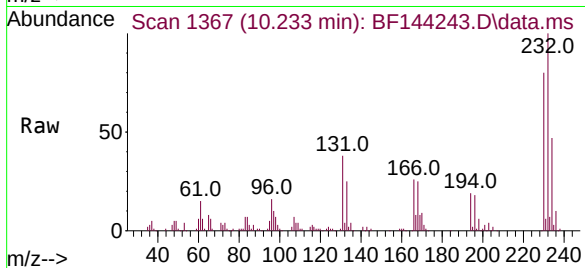




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.358 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

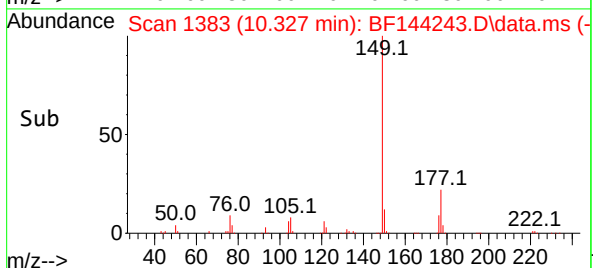
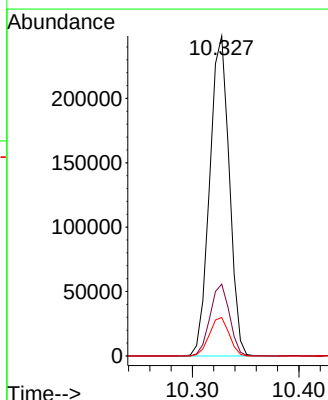
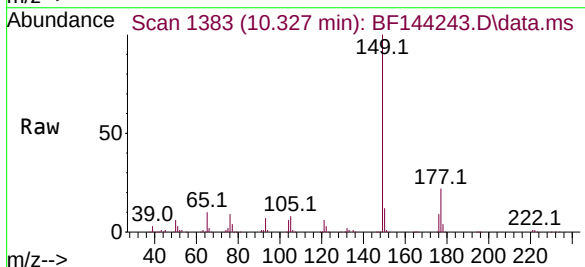
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

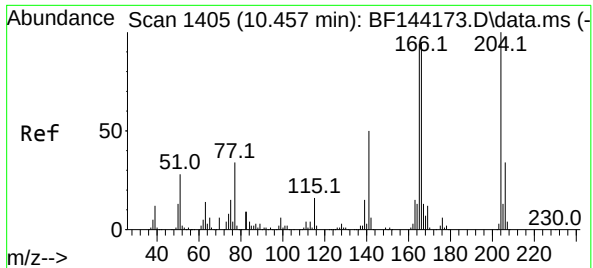
Tgt Ion:232 Resp: 88970
Ion Ratio Lower Upper
232 100
131 38.5 30.3 45.5
130 1.3 1.2 1.8
166 25.9 21.5 32.3



#60
Diethylphthalate
Concen: 40.971 ng
RT: 10.327 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion:149 Resp: 316454
Ion Ratio Lower Upper
149 100
177 22.4 18.3 27.5
150 12.0 9.8 14.6

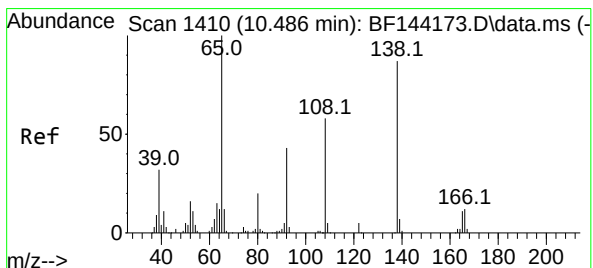
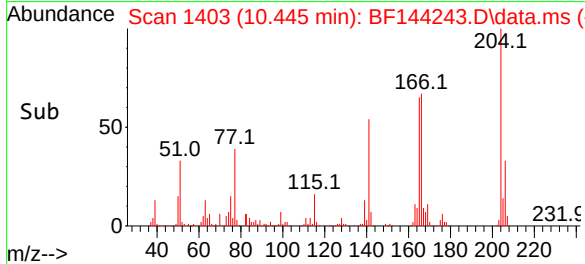
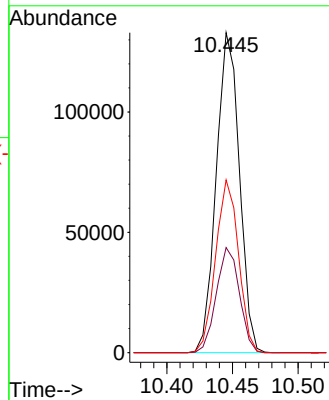
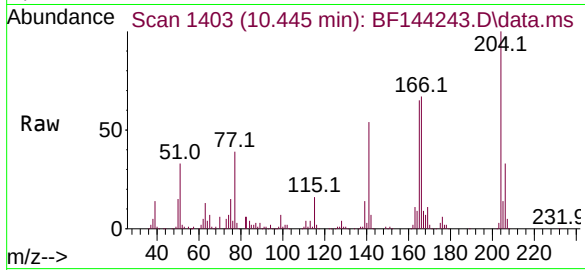




#61
4-Chlorophenyl-phenylether
Concen: 39.298 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

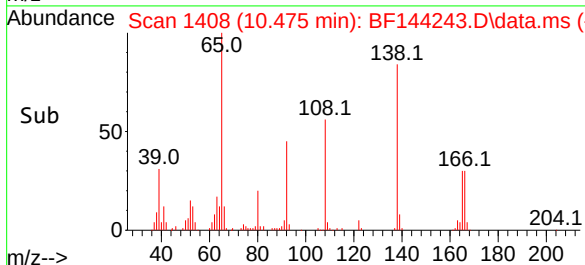
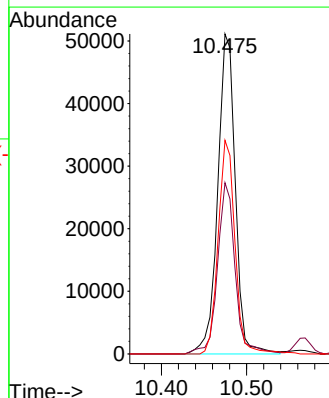
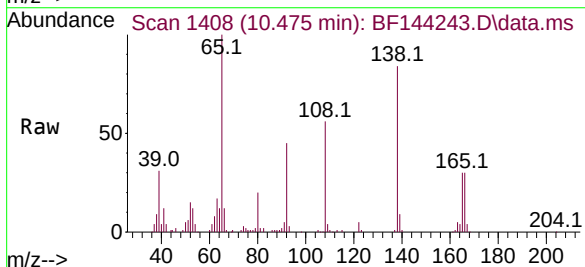
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

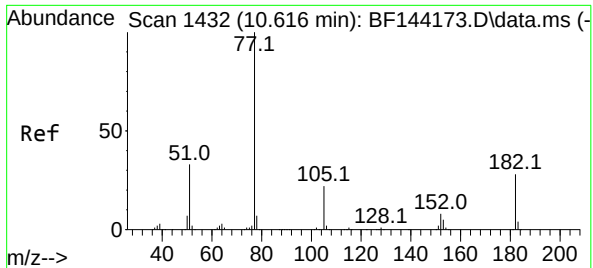
Tgt Ion:204 Resp: 163577
Ion Ratio Lower Upper
204 100
206 32.8 27.4 41.2
141 54.0 40.0 60.0



#62
4-Nitroaniline
Concen: 41.480 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion:138 Resp: 73241
Ion Ratio Lower Upper
138 100
92 53.5 29.4 69.4
108 66.7 46.4 86.4

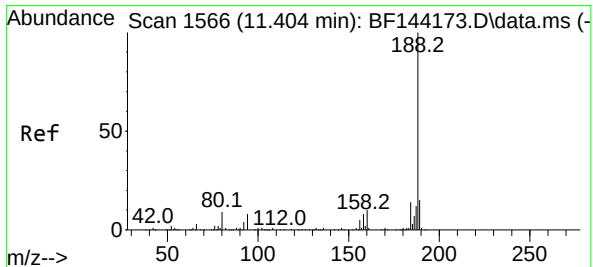
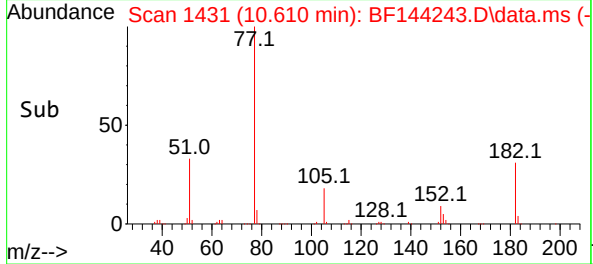
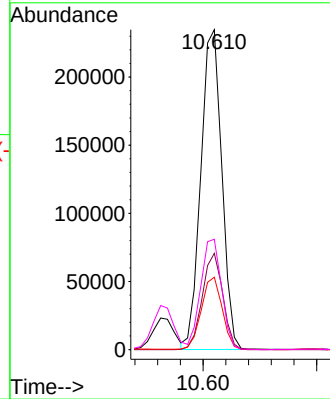
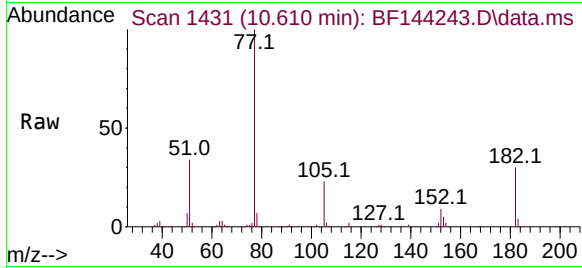




#63
Azobenzene
Concen: 41.845 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

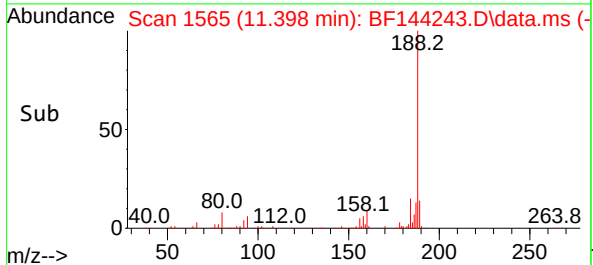
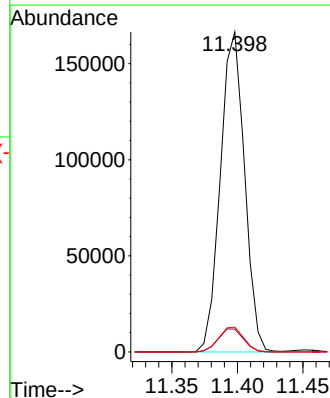
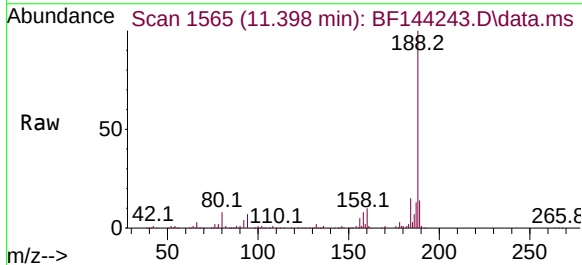
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

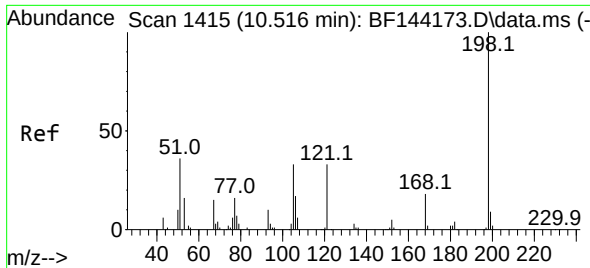
Tgt Ion: 77 Resp: 300797
Ion Ratio Lower Upper
77 100
182 30.1 8.1 48.1
105 22.6 2.0 42.0
51 34.5 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion: 188 Resp: 214028
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.2
80 7.7 6.9 10.3

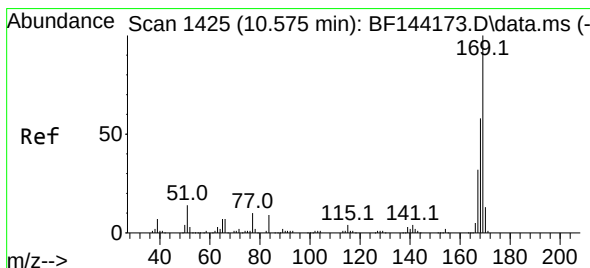
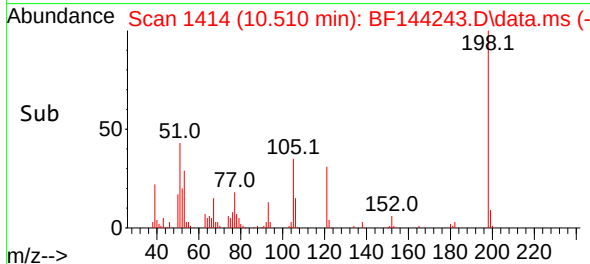
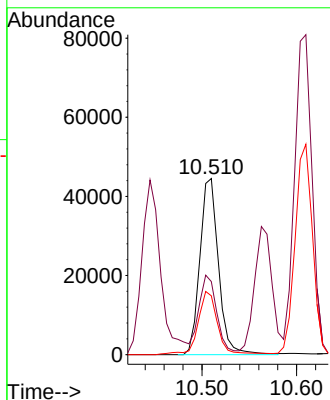
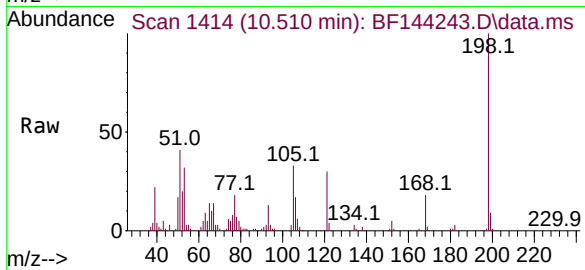




#65
4,6-Dinitro-2-methylphenol
Concen: 41.883 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

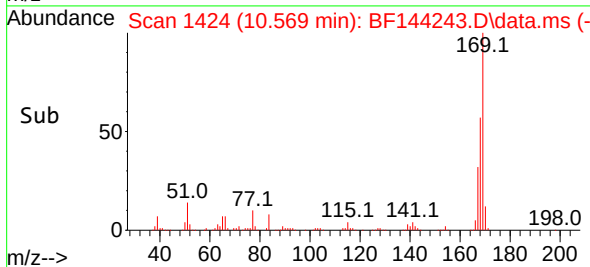
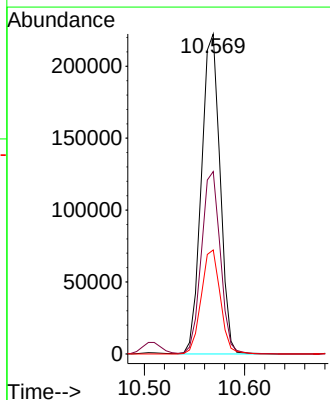
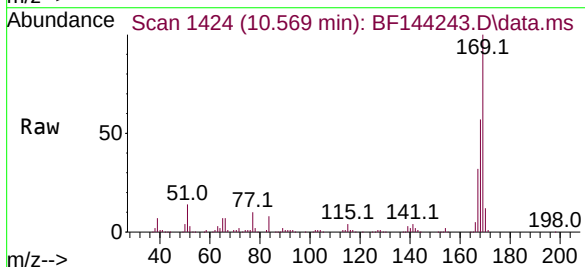
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

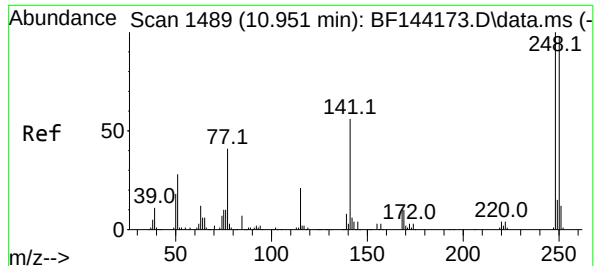
Tgt Ion	Ratio	Lower	Upper
198	100		
51	41.5	25.6	65.6
105	33.4	14.6	54.6



#66
n-Nitrosodiphenylamine
Concen: 41.574 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	57.0	46.2	69.2
167	32.5	25.7	38.5

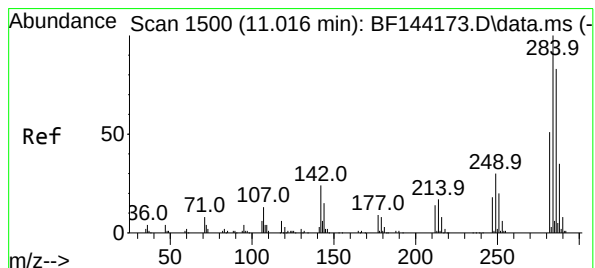
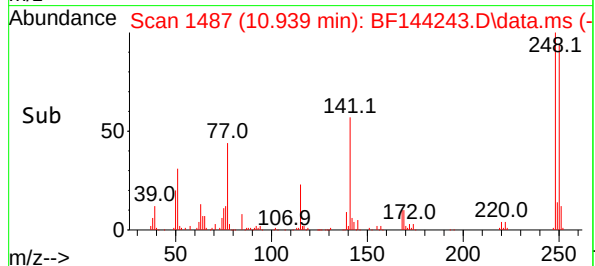
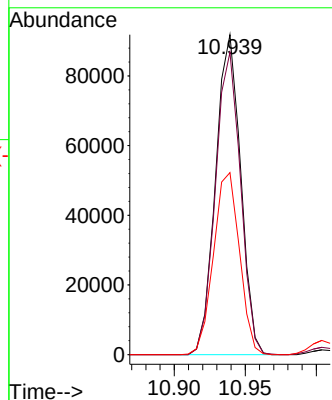
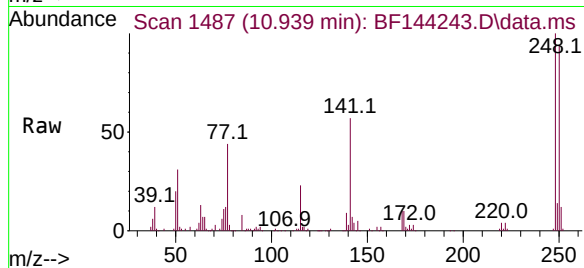




#67
4-Bromophenyl-phenylether
Concen: 41.239 ng
RT: 10.939 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

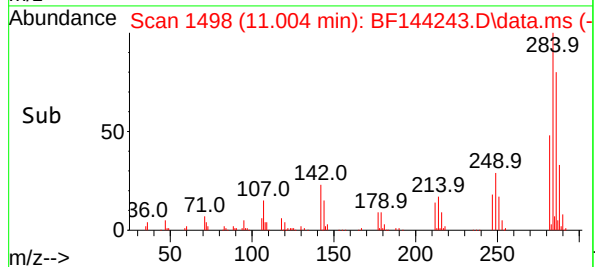
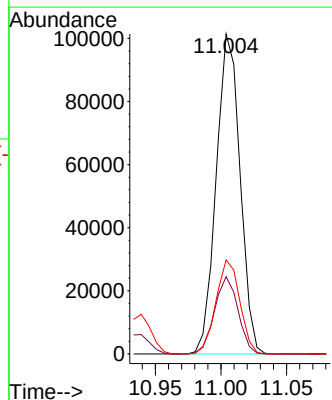
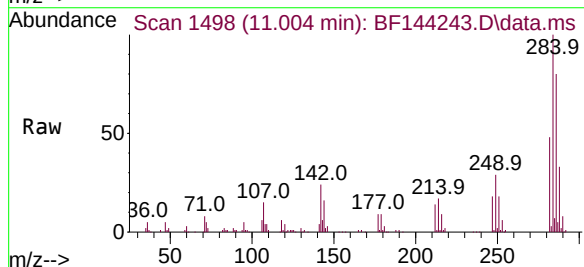
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

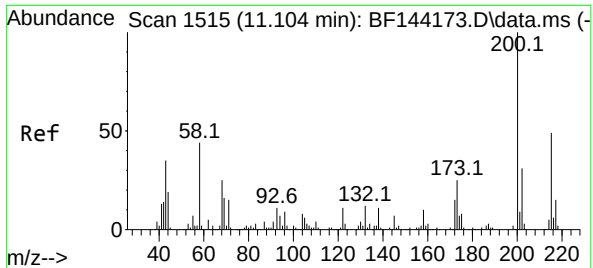
Tgt Ion:248 Resp: 112659
Ion Ratio Lower Upper
248 100
250 94.5 78.4 117.6
141 56.9 45.1 67.7



#68
Hexachlorobenzene
Concen: 39.877 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion:284 Resp: 128315
Ion Ratio Lower Upper
284 100
142 24.1 19.2 28.8
249 29.4 23.8 35.8





#69

Atrazine

Concen: 37.102 ng

RT: 11.092 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

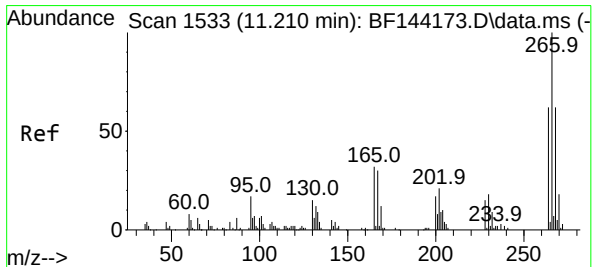
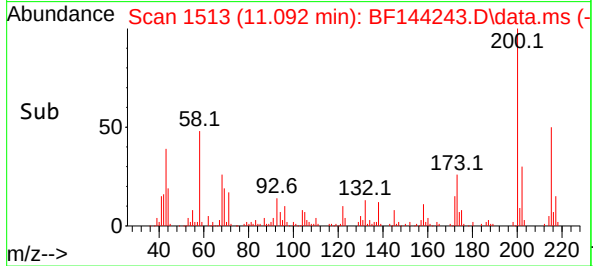
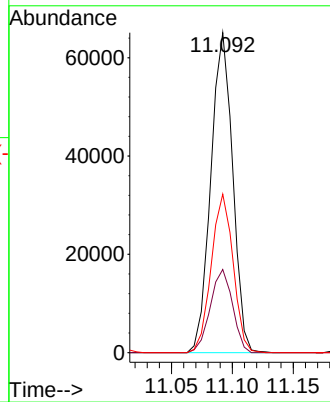
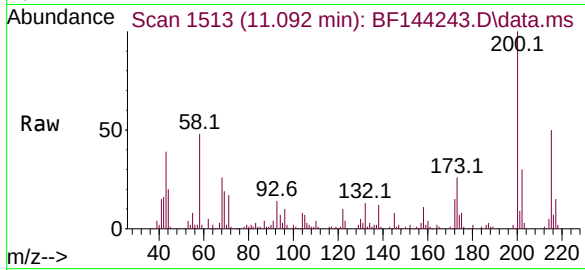
Tgt Ion:200 Resp: 81223

Ion Ratio Lower Upper

200 100

173 26.0 5.0 45.0

215 49.6 28.7 68.7



#70

Pentachlorophenol

Concen: 39.017 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

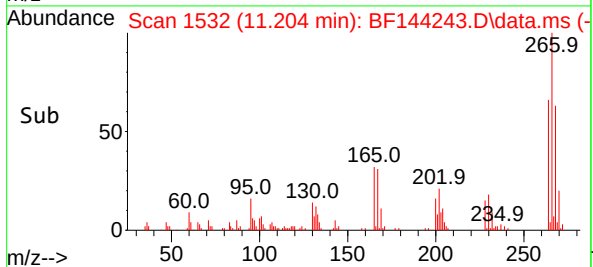
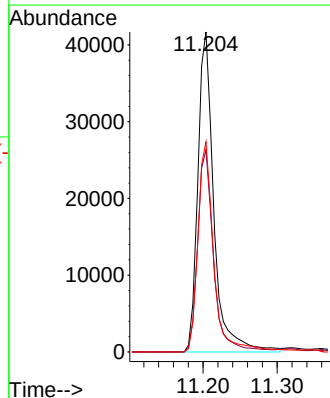
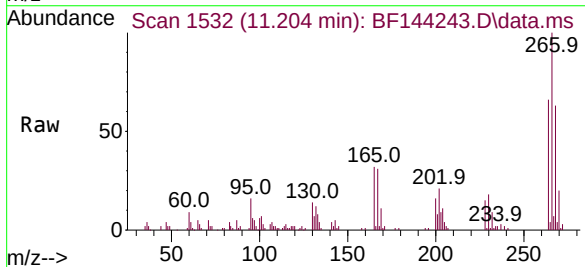
Tgt Ion:266 Resp: 62518

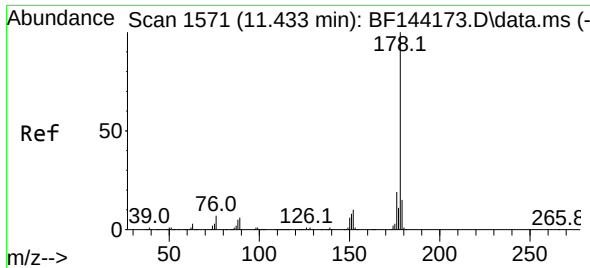
Ion Ratio Lower Upper

266 100

268 63.1 49.5 74.3

264 65.6 49.4 74.2

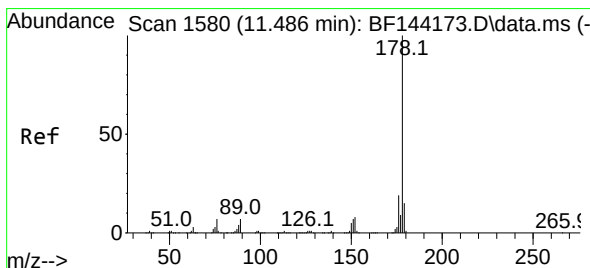
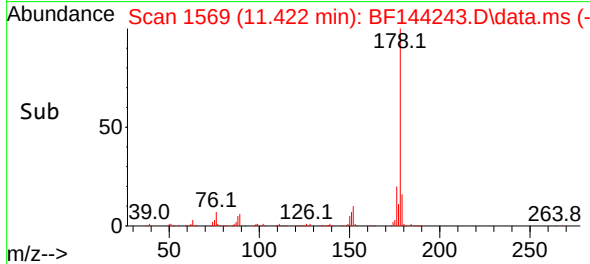
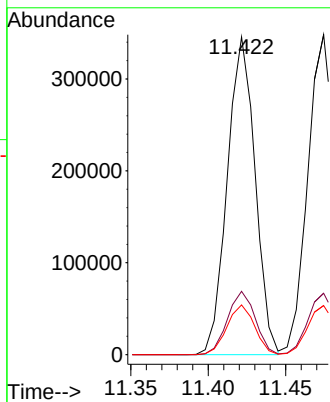
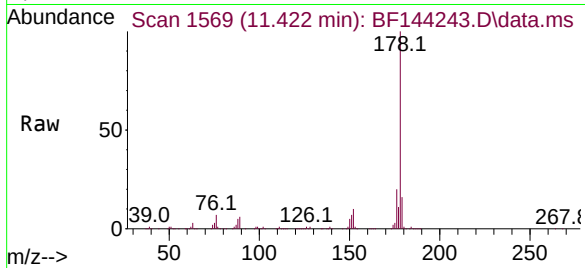




#71
Phenanthrene
Concen: 40.455 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

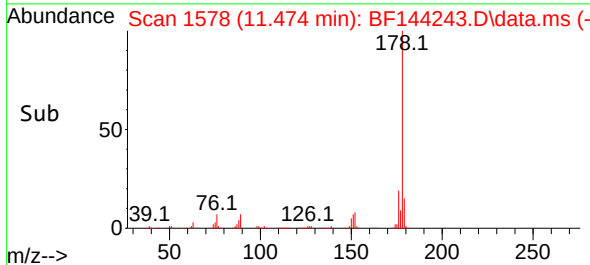
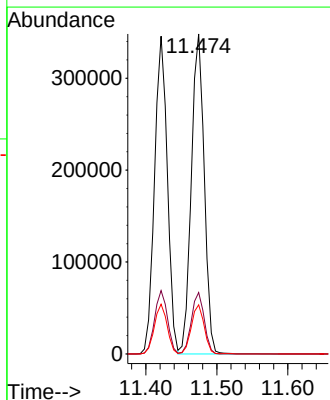
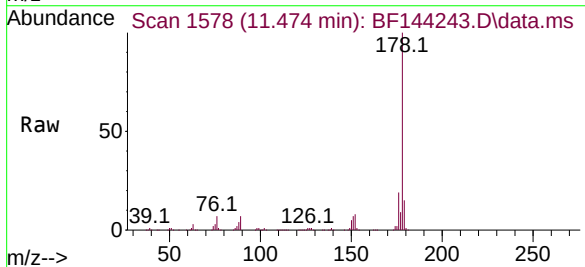
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

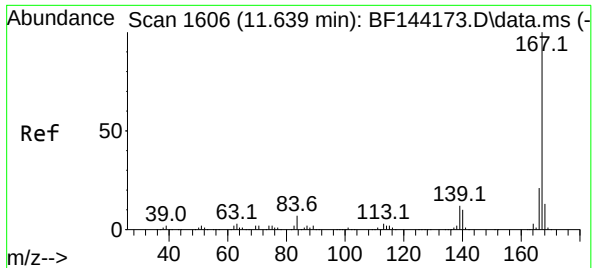
Tgt Ion:178 Resp: 431095
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.7 12.2 18.4



#72
Anthracene
Concen: 40.587 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion:178 Resp: 439781
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.3 12.0 18.0

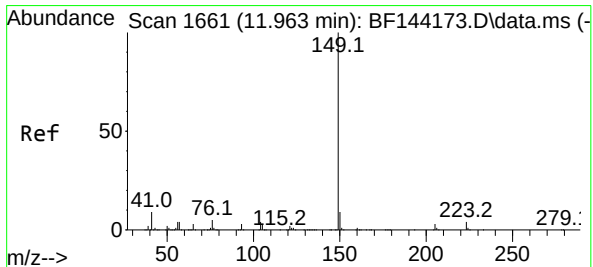
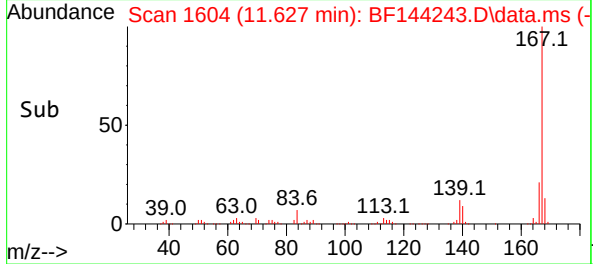
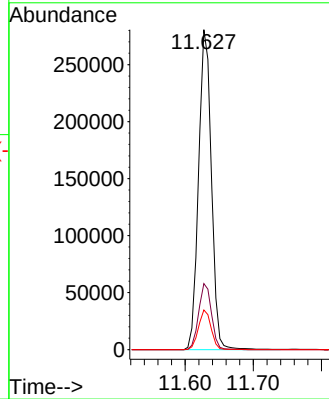
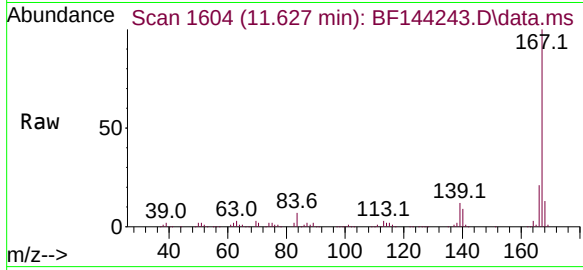




#73
Carbazole
Concen: 39.818 ng
RT: 11.627 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

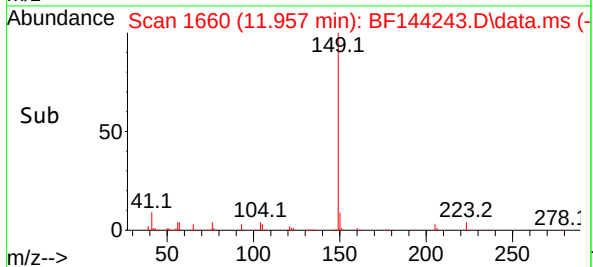
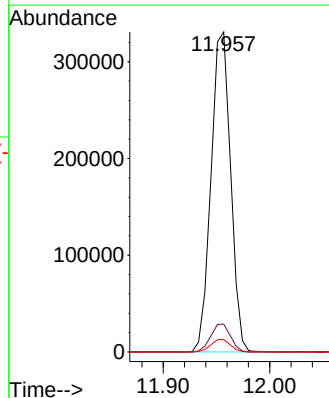
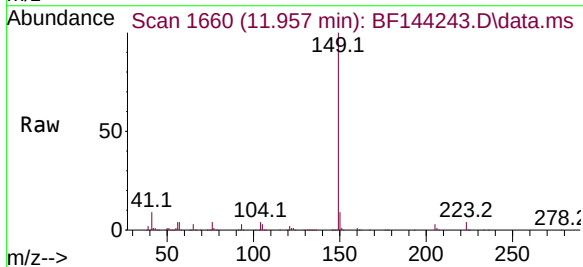
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

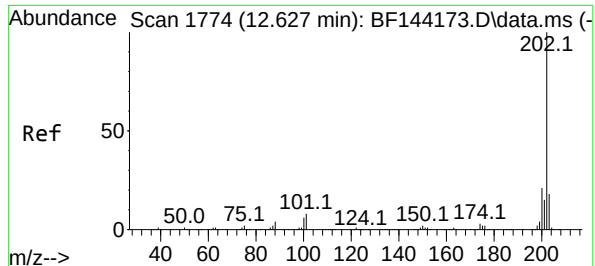
Tgt Ion:167 Resp: 366873
Ion Ratio Lower Upper
167 100
166 20.7 17.2 25.8
139 12.4 9.9 14.9



#74
Di-n-butylphthalate
Concen: 37.967 ng
RT: 11.957 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion:149 Resp: 422893
Ion Ratio Lower Upper
149 100
150 8.7 7.4 11.0
104 3.8 3.4 5.2





#75

Fluoranthene

Concen: 37.938 ng

RT: 12.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

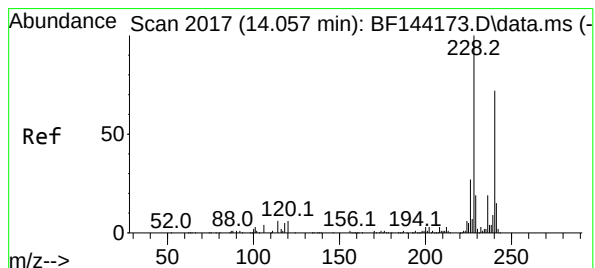
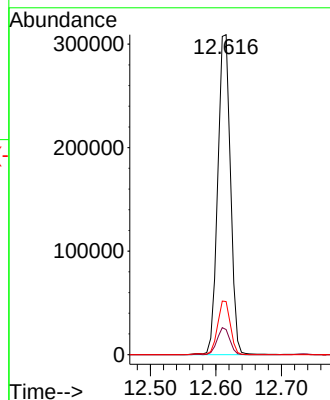
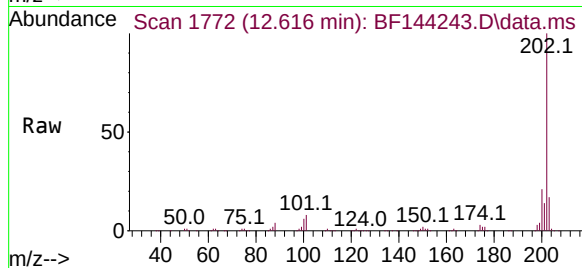
Tgt Ion:202 Resp: 417617

Ion Ratio Lower Upper

202 100

101 7.8 0.0 27.9

203 16.6 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

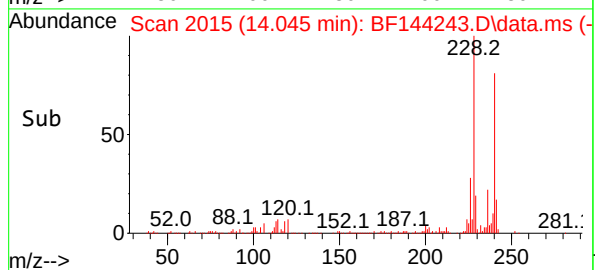
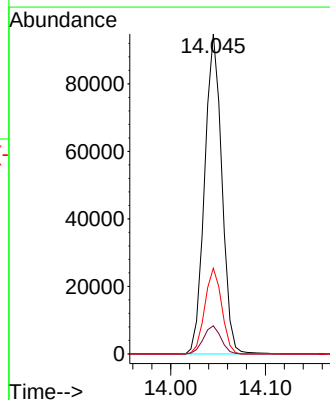
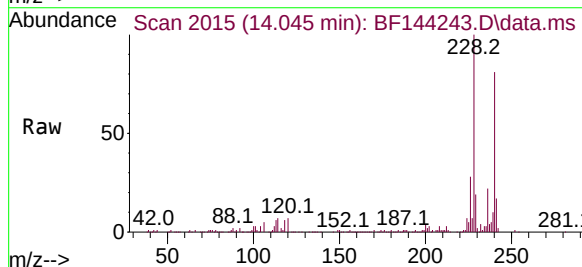
Tgt Ion:240 Resp: 119800

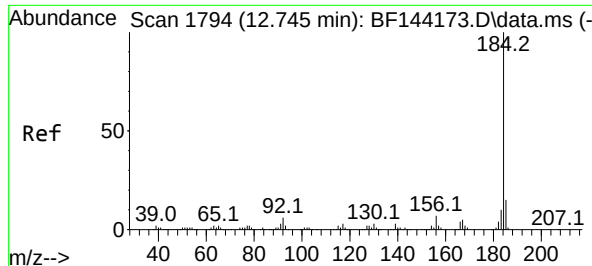
Ion Ratio Lower Upper

240 100

120 8.8 6.6 10.0

236 26.8 21.4 32.2





#77

Benzidine

Concen: 45.111 ng

RT: 12.733 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

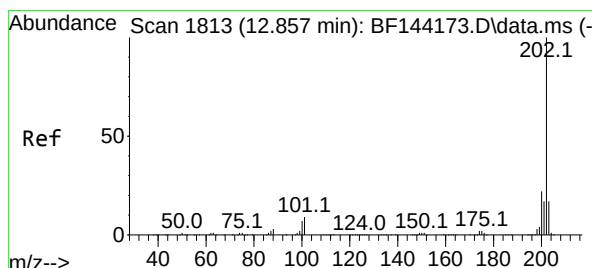
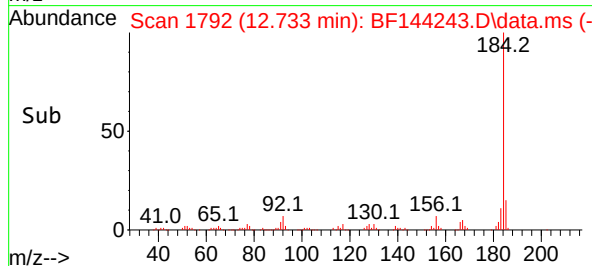
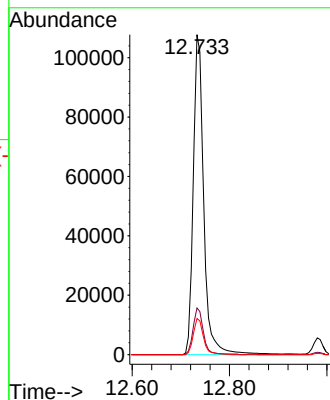
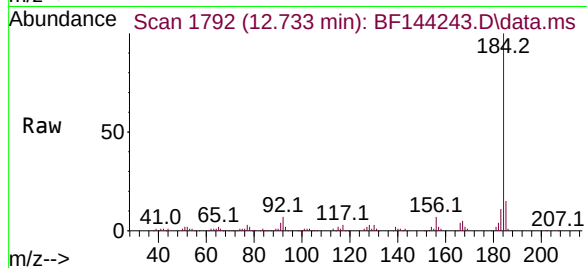
Tgt Ion:184 Resp: 159854

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 11.3 8.3 12.5



#78

Pyrene

Concen: 43.973 ng

RT: 12.845 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

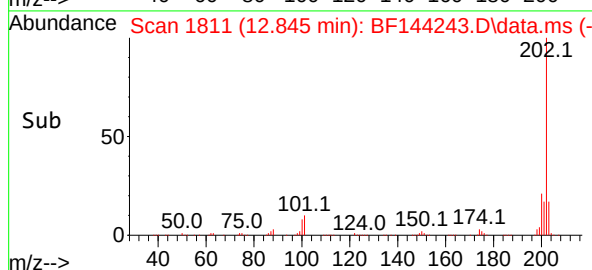
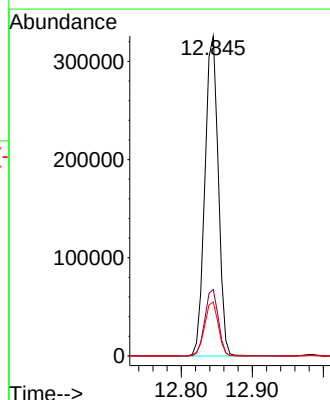
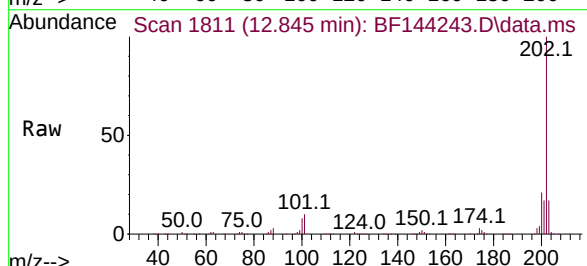
Tgt Ion:202 Resp: 424749

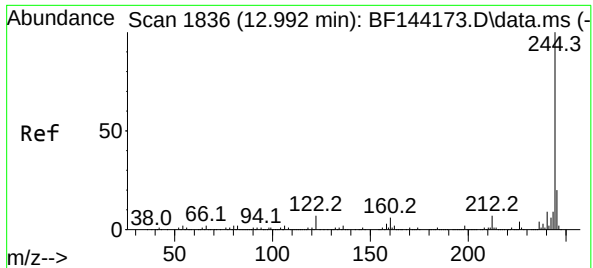
Ion Ratio Lower Upper

202 100

200 20.7 17.2 25.8

203 16.8 13.7 20.5





#79

Terphenyl-d14

Concen: 83.308 ng

RT: 12.980 min Scan# 1834

Delta R.T. -0.012 min

Lab File: BF144243.D

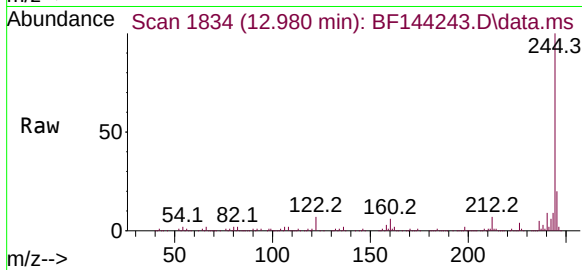
Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



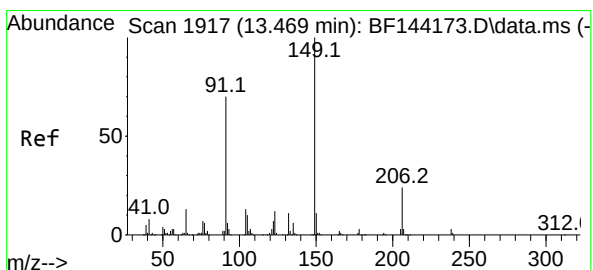
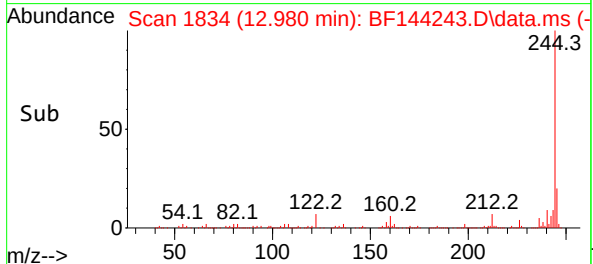
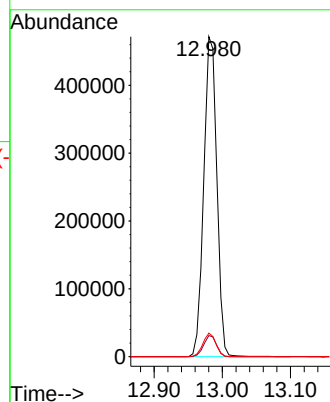
Tgt Ion:244 Resp: 628319

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 7.3 5.6 8.4



#80

Butylbenzylphthalate

Concen: 40.952 ng

RT: 13.457 min Scan# 1915

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

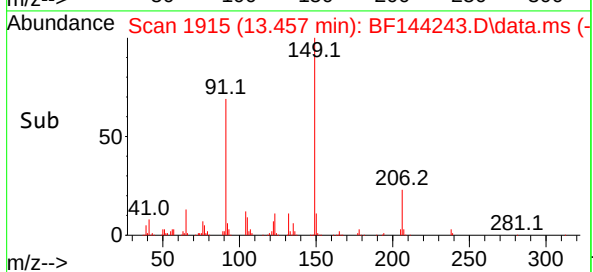
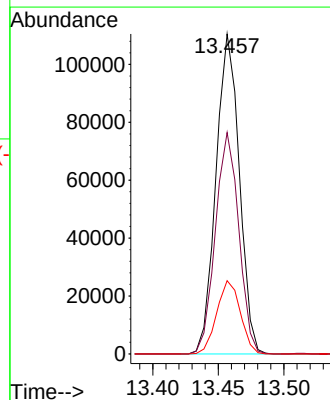
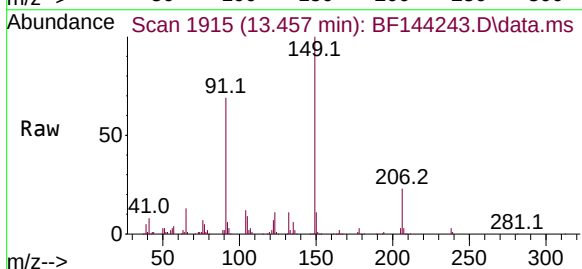
Tgt Ion:149 Resp: 137100

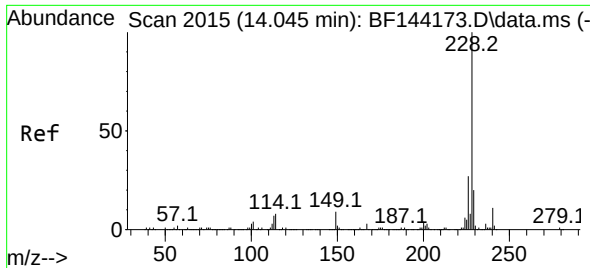
Ion Ratio Lower Upper

149 100

91 69.2 56.1 84.1

206 22.9 18.8 28.2

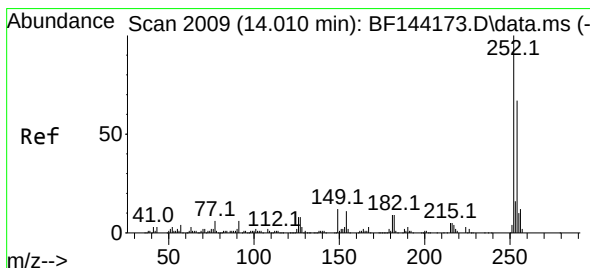
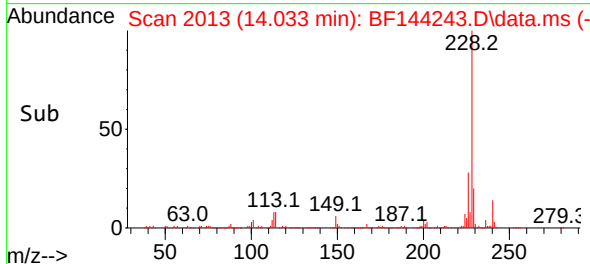
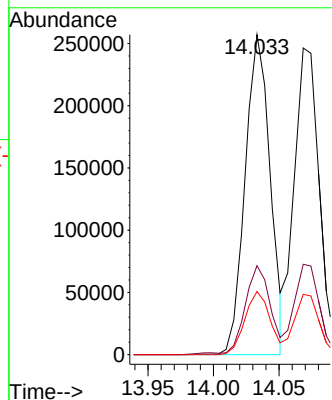
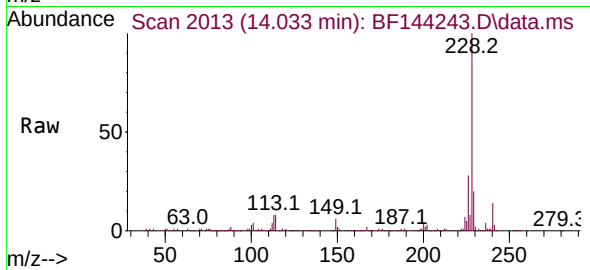




#81
Benzo(a)anthracene
Concen: 41.098 ng
RT: 14.033 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

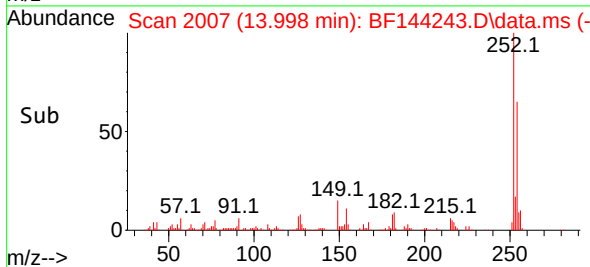
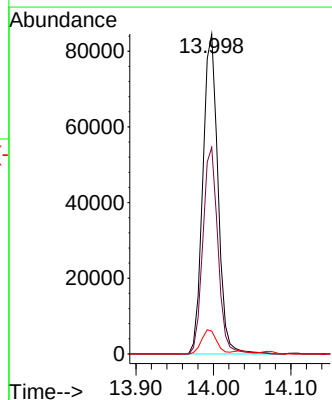
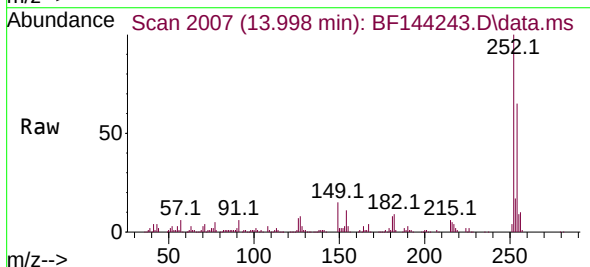
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

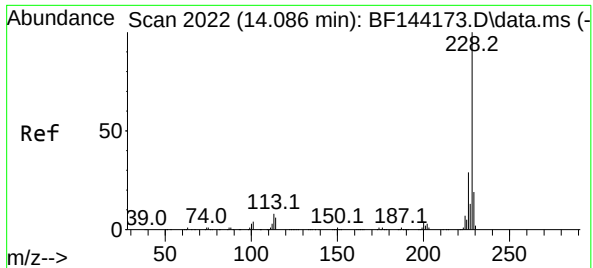
Tgt Ion:228 Resp: 341236
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 40.181 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144243.D
Acq: 13 Nov 2025 14:56

Tgt Ion:252 Resp: 114359
Ion Ratio Lower Upper
252 100
254 64.5 53.5 80.3
126 7.1 6.4 9.6





#83

Chrysene

Concen: 42.849 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

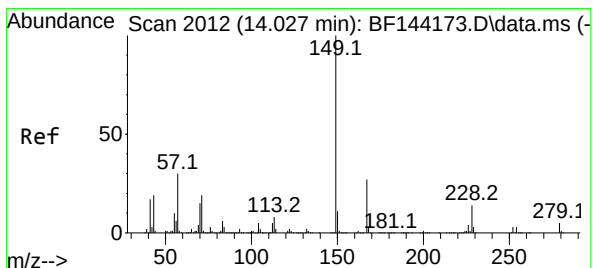
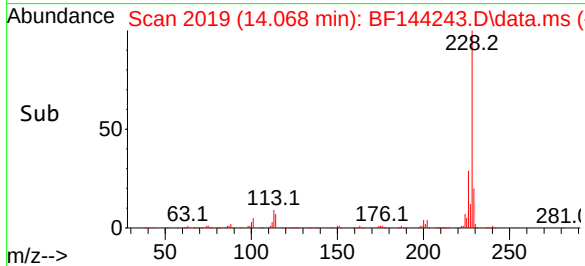
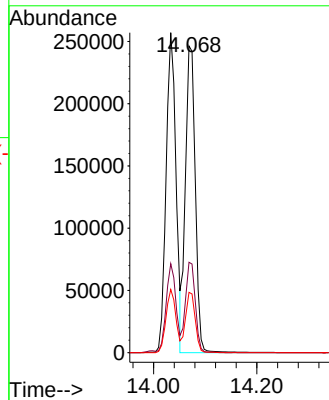
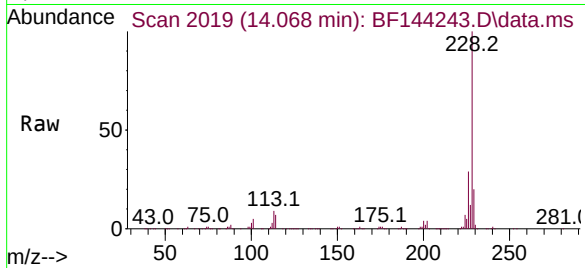
Tgt Ion:228 Resp: 328428

Ion Ratio Lower Upper

228 100

226 29.5 22.9 34.3

229 19.6 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.360 ng

RT: 14.015 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

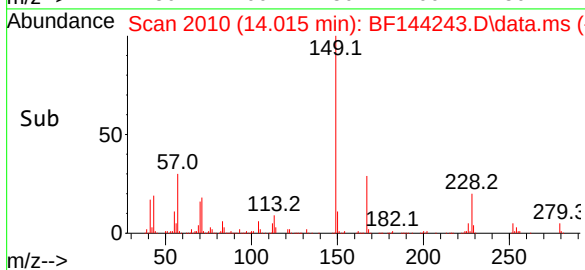
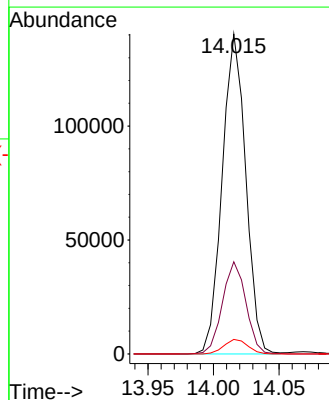
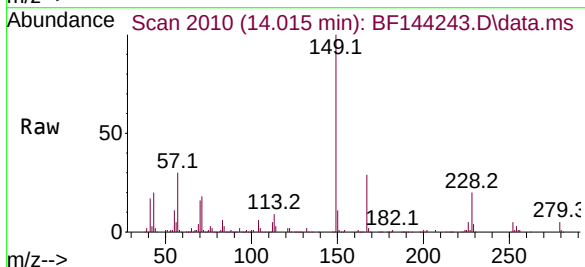
Tgt Ion:149 Resp: 175802

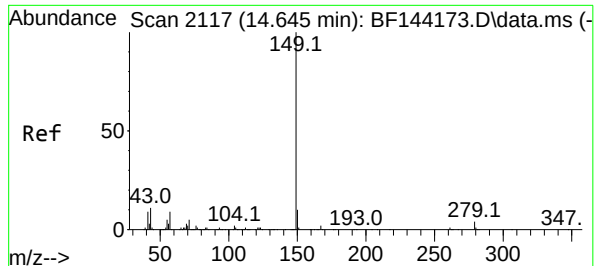
Ion Ratio Lower Upper

149 100

167 28.8 21.8 32.8

279 4.5 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 38.744 ng

RT: 14.633 min Scan# 2115

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

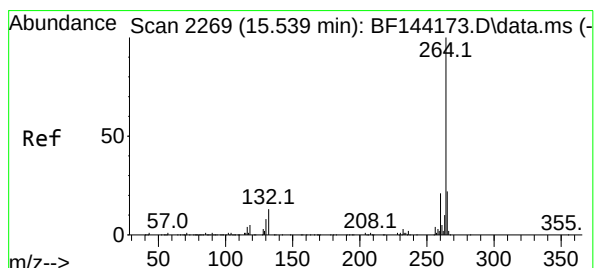
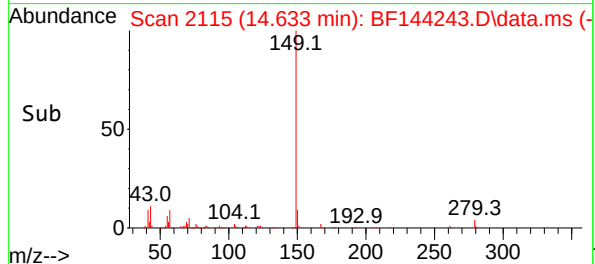
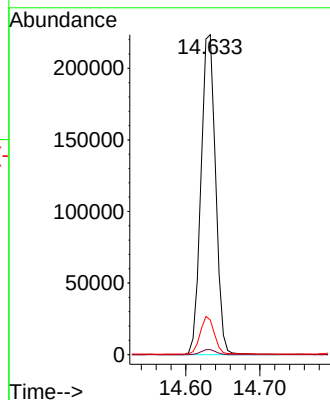
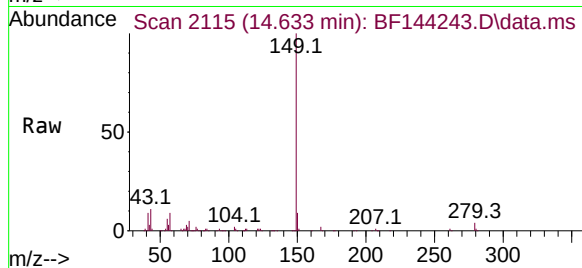
Tgt Ion:149 Resp: 306354

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.7 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

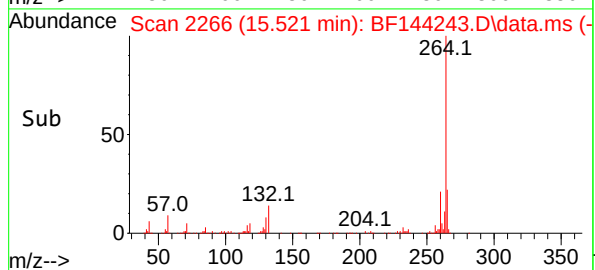
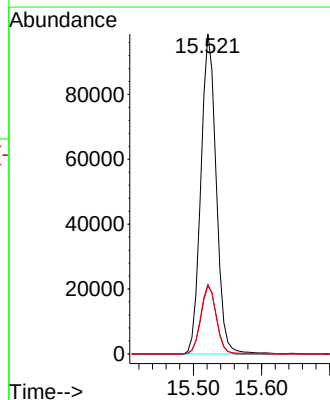
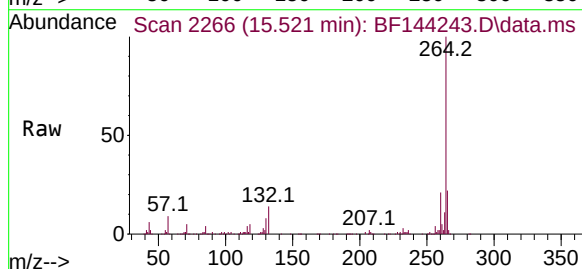
Tgt Ion:264 Resp: 154528

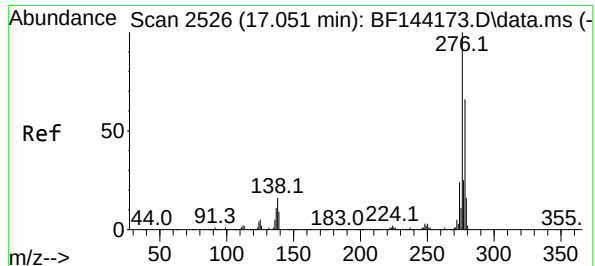
Ion Ratio Lower Upper

264 100

260 21.2 17.1 25.7

265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.265 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

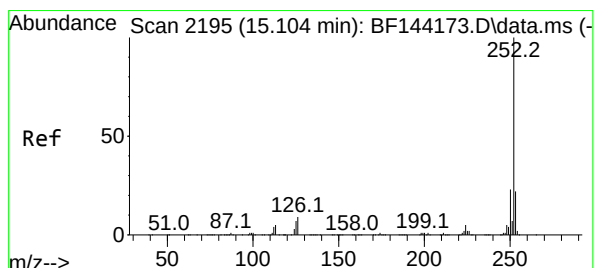
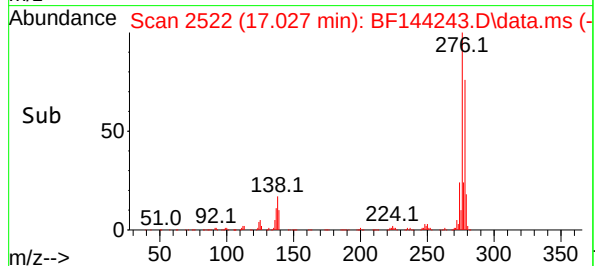
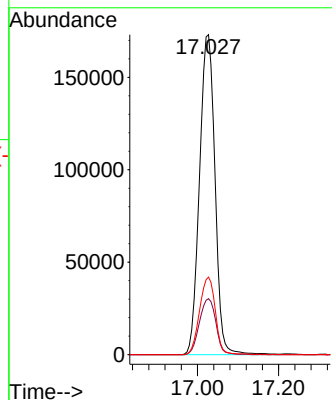
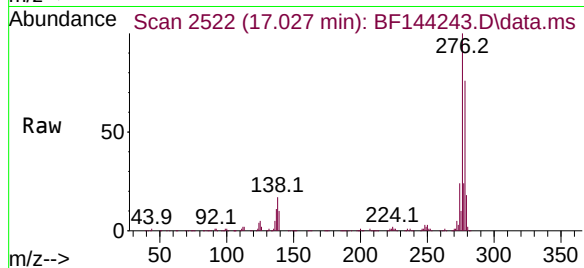
Tgt Ion:276 Resp: 457738

Ion Ratio Lower Upper

276 100

138 18.6 13.9 20.9

277 24.7 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 40.248 ng

RT: 15.092 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

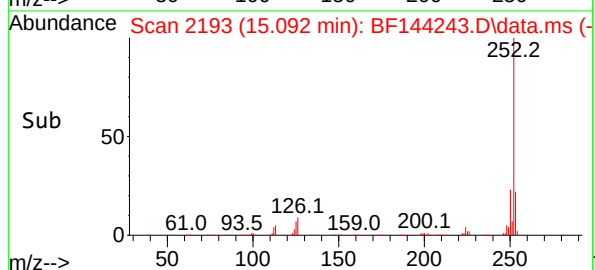
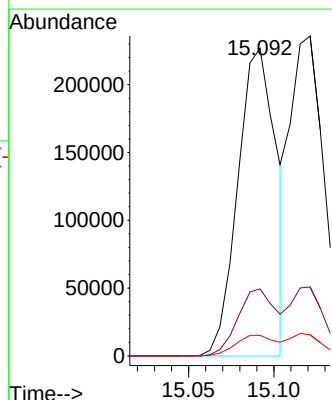
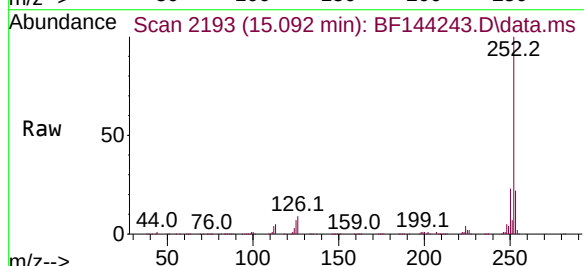
Tgt Ion:252 Resp: 353587

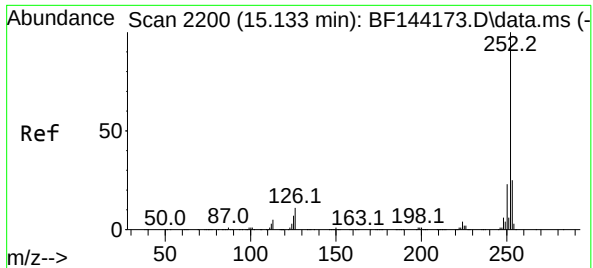
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 6.7 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 40.166 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

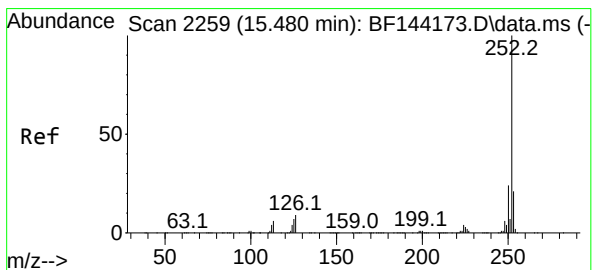
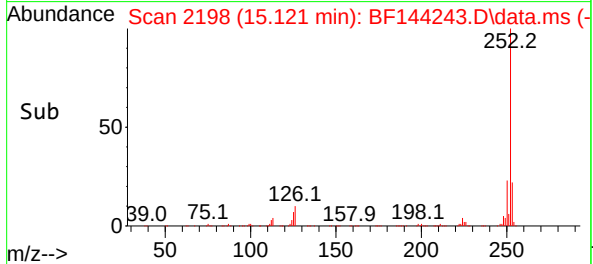
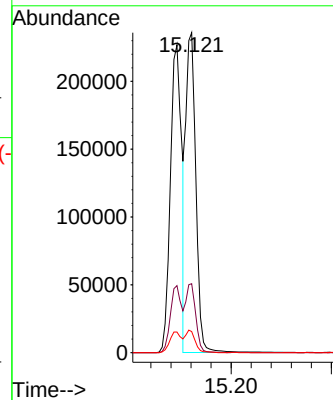
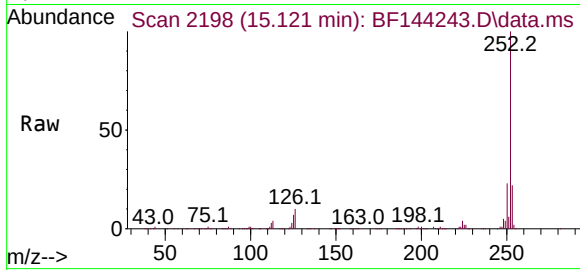
Tgt Ion:252 Resp: 330283

Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

125 6.6 5.4 8.2



#90

Benzo(a)pyrene

Concen: 40.232 ng

RT: 15.462 min Scan# 2256

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

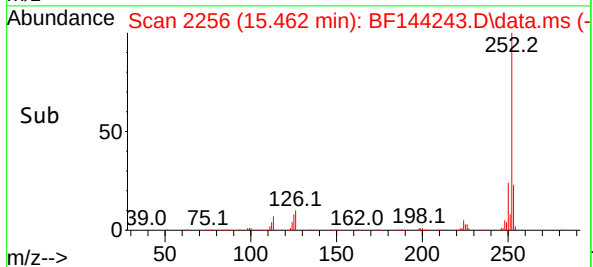
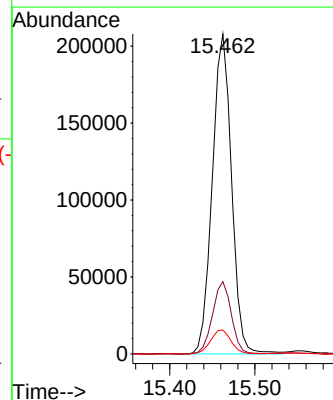
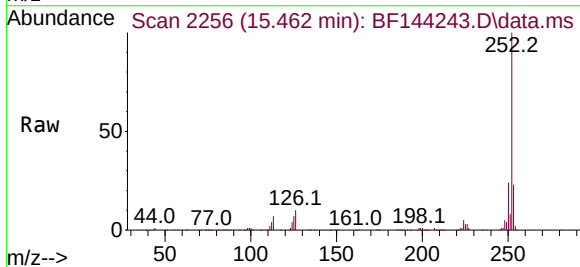
Tgt Ion:252 Resp: 326068

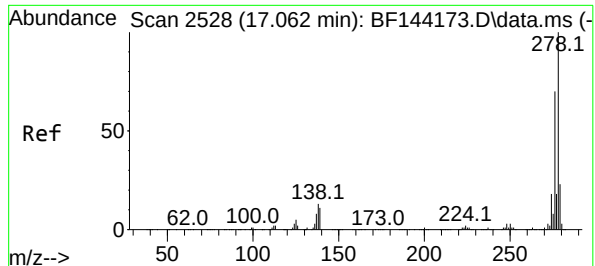
Ion Ratio Lower Upper

252 100

253 22.6 16.7 25.1

125 7.5 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 41.586 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

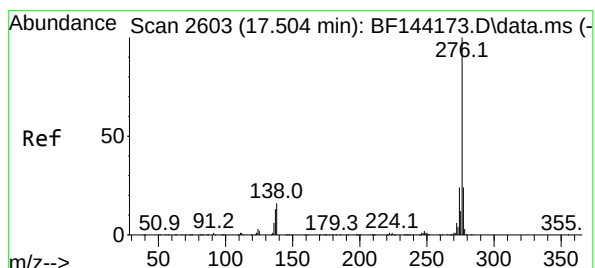
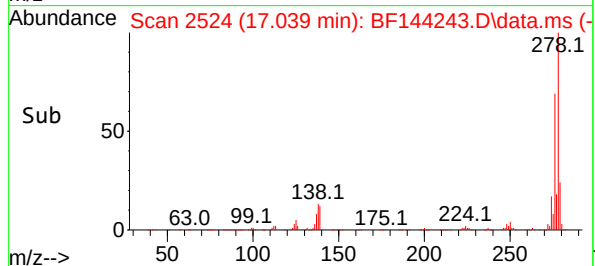
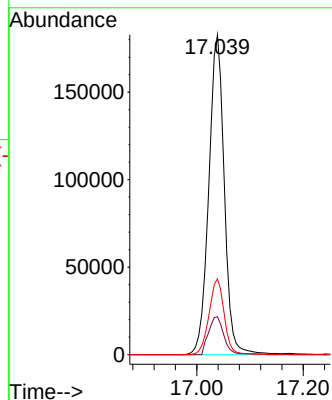
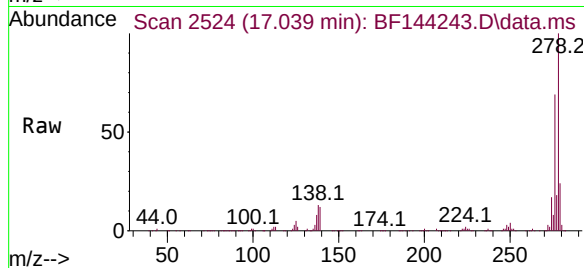
Tgt Ion:278 Resp: 370468

Ion Ratio Lower Upper

278 100

139 11.8 9.1 13.7

279 23.7 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 42.067 ng

RT: 17.474 min Scan# 2598

Delta R.T. -0.018 min

Lab File: BF144243.D

Acq: 13 Nov 2025 14:56

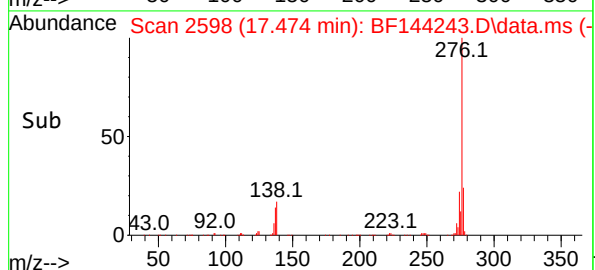
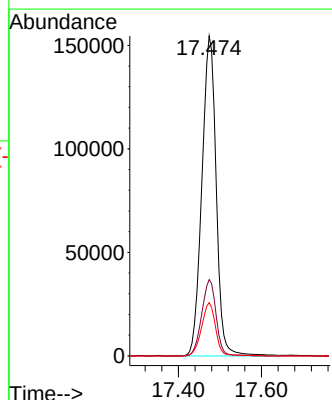
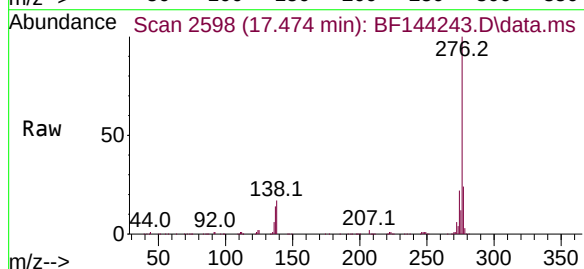
Tgt Ion:276 Resp: 370077

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 16.6 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144243.D
 Acq On : 13 Nov 2025 14:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 13 15:18:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	83	0.00
2	1,4-Dioxane	40.000	42.123	-5.3	83	-0.02
3	Pyridine	40.000	43.956	-9.9	88	-0.04
4	n-Nitrosodimethylamine	40.000	42.588	-6.5	87	-0.03
5 S	2-Fluorophenol	80.000	86.053	-7.6	86	-0.01
6	Aniline	40.000	42.878	-7.2	88	0.00
7 S	Phenol-d6	80.000	84.283	-5.4	86	0.00
8	2-Chlorophenol	40.000	42.252	-5.6	85	0.00
9	Benzaldehyde	40.000	58.996	-47.5#	122	0.00
10 C	Phenol	40.000	43.252	-8.1	85	0.00
11	bis(2-Chloroethyl)ether	40.000	43.502	-8.8	88	0.00
12	1,3-Dichlorobenzene	40.000	41.801	-4.5	87	0.00
13 C	1,4-Dichlorobenzene	40.000	42.152	-5.4	85	0.00
14	1,2-Dichlorobenzene	40.000	41.423	-3.6	86	-0.01
15	Benzyl Alcohol	40.000	42.845	-7.1	87	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	42.950	-7.4	87	0.00
17	2-Methylphenol	40.000	42.352	-5.9	85	0.00
18	Hexachloroethane	40.000	41.949	-4.9	84	-0.01
19 P	n-Nitroso-di-n-propylamine	40.000	40.899	-2.2	85	0.00
20	3+4-Methylphenols	40.000	41.653	-4.1	83	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	86	0.00
22	Acetophenone	40.000	40.425	-1.1	86	0.00
23 S	Nitrobenzene-d5	80.000	83.721	-4.7	87	0.00
24	Nitrobenzene	40.000	41.563	-3.9	87	0.00
25	Isophorone	40.000	41.467	-3.7	87	0.00
26 C	2-Nitrophenol	40.000	43.469	-8.7	88	0.00
27	2,4-Dimethylphenol	40.000	41.791	-4.5	84	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.464	-3.7	86	0.00
29 C	2,4-Dichlorophenol	40.000	41.555	-3.9	87	0.00
30	1,2,4-Trichlorobenzene	40.000	40.076	-0.2	84	0.00
31	Naphthalene	40.000	40.524	-1.3	86	0.00
32	Benzoic acid	40.000	39.760	0.6	97	-0.04
33	4-Chloroaniline	40.000	41.852	-4.6	86	0.00
34 C	Hexachlorobutadiene	40.000	40.325	-0.8	83	0.00
35	Caprolactam	40.000	41.553	-3.9	85	-0.03
36 C	4-Chloro-3-methylphenol	40.000	42.109	-5.3	88	0.00
37	2-Methylnaphthalene	40.000	39.942	0.1	84	0.00
38	1-Methylnaphthalene	40.000	40.073	-0.2	85	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	85	-0.01
40	1,2,4,5-Tetrachlorobenzene	40.000	40.022	-0.1	83	0.00
41 P	Hexachlorocyclopentadiene	40.000	53.524	-33.8#	125	-0.01
42 S	2,4,6-Tribromophenol	80.000	79.353	0.8	80	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.957	-2.4	85	-0.01
44	2,4,5-Trichlorophenol	40.000	39.949	0.1	84	0.00
45 S	2-Fluorobiphenyl	80.000	78.407	2.0	84	0.00
46	1,1'-Biphenyl	40.000	40.611	-1.5	86	0.00
47	2-Chloronaphthalene	40.000	40.085	-0.2	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144243.D
 Acq On : 13 Nov 2025 14:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 13 15:18:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	44.353	-10.9	90	0.00
49	Acenaphthylene	40.000	40.524	-1.3	85	0.00
50	Dimethylphthalate	40.000	41.145	-2.9	86	0.00
51	2,6-Dinitrotoluene	40.000	43.406	-8.5	90	0.00
52 C	Acenaphthene	40.000	42.960	-7.4	90	0.00
53	3-Nitroaniline	40.000	43.575	-8.9	86	0.00
54 P	2,4-Dinitrophenol	40.000	61.614	-54.0#	151	-0.01
55	Dibenzofuran	40.000	40.534	-1.3	84	0.00
56 P	4-Nitrophenol	40.000	38.815	3.0	86	-0.01
57	2,4-Dinitrotoluene	40.000	43.497	-8.7	86	0.00
58	Fluorene	40.000	39.956	0.1	83	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.358	-3.4	84	0.00
60	Diethylphthalate	40.000	40.971	-2.4	85	0.00
61	4-Chlorophenyl-phenylether	40.000	39.298	1.8	80	-0.01
62	4-Nitroaniline	40.000	41.480	-3.7	85	0.00
63	Azobenzene	40.000	41.845	-4.6	87	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	83	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.883	-4.7	91	-0.01
66 c	n-Nitrosodiphenylamine	40.000	41.574	-3.9	86	0.00
67	4-Bromophenyl-phenylether	40.000	41.239	-3.1	83	0.00
68	Hexachlorobenzene	40.000	39.877	0.3	83	0.00
69	Atrazine	40.000	37.102	7.2	77	0.00
70 C	Pentachlorophenol	40.000	39.017	2.5	78	-0.01
71	Phenanthrene	40.000	40.455	-1.1	83	0.00
72	Anthracene	40.000	40.587	-1.5	84	0.00
73	Carbazole	40.000	39.818	0.5	81	-0.01
74	Di-n-butylphthalate	40.000	37.967	5.1	77	0.00
75 C	Fluoranthene	40.000	37.938	5.2	77	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	74	0.00
77	Benzydine	40.000	45.111	-12.8	79	-0.02
78	Pyrene	40.000	43.973	-9.9	77	0.00
79 S	Terphenyl-d14	80.000	83.308	-4.1	73	-0.01
80	Butylbenzylphthalate	40.000	40.952	-2.4	71	-0.01
81	Benzo(a)anthracene	40.000	41.098	-2.7	73	-0.01
82	3,3'-Dichlorobenzidine	40.000	40.181	-0.5	73	-0.01
83	Chrysene	40.000	42.849	-7.1	72	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	38.360	4.1	66	-0.01
85 c	Di-n-octyl phthalate	40.000	38.744	3.1	67	-0.01
86 I	Perylene-d12	20.000	20.000	0.0	74	-0.02
87	Indeno(1,2,3-cd)pyrene	40.000	41.265	-3.2	74	0.00
88	Benzo(b)fluoranthene	40.000	40.248	-0.6	69	0.00
89	Benzo(k)fluoranthene	40.000	40.166	-0.4	76	0.00
90 C	Benzo(a)pyrene	40.000	40.232	-0.6	72	-0.01
91	Dibenzo(a,h)anthracene	40.000	41.586	-4.0	74	-0.01
92	Benzo(g,h,i)perylene	40.000	42.067	-5.2	74	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144243.D
Acq On : 13 Nov 2025 14:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 13 15:18:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144243.D
 Acq On : 13 Nov 2025 14:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 13 15:18:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
2	1,4-Dioxane	0.528	0.556	-5.3	83	-0.02
3	Pyridine	1.474	1.620	-9.9	88	-0.04
4	n-Nitrosodimethylamine	0.770	0.820	-6.5	87	-0.03
5 S	2-Fluorophenol	1.278	1.375	-7.6	86	-0.01
6	Aniline	2.063	2.212	-7.2	88	0.00
7 S	Phenol-d6	1.448	1.526	-5.4	86	0.00
8	2-Chlorophenol	1.253	1.324	-5.7	85	0.00
9	Benzaldehyde	0.818	1.206	-47.4#	122	0.00
10 C	Phenol	1.769	1.913	-8.1	85	0.00
11	bis(2-Chloroethyl)ether	1.289	1.402	-8.8	88	0.00
12	1,3-Dichlorobenzene	1.547	1.616	-4.5	87	0.00
13 C	1,4-Dichlorobenzene	1.549	1.633	-5.4	85	0.00
14	1,2-Dichlorobenzene	1.485	1.538	-3.6	86	-0.01
15	Benzyl Alcohol	1.147	1.228	-7.1	87	-0.01
16	2,2'-oxybis(1-Chloropropane	2.374	2.549	-7.4	87	0.00
17	2-Methylphenol	0.997	1.056	-5.9	85	0.00
18	Hexachloroethane	0.515	0.540	-4.9	84	-0.01
19 P	n-Nitroso-di-n-propylamine	0.953	0.975	-2.3	85	0.00
20	3+4-Methylphenols	1.175	1.224	-4.2	83	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	86	0.00
22	Acetophenone	0.429	0.434	-1.2	86	0.00
23 S	Nitrobenzene-d5	0.346	0.362	-4.6	87	0.00
24	Nitrobenzene	0.376	0.391	-4.0	87	0.00
25	Isophorone	0.655	0.679	-3.7	87	0.00
26 C	2-Nitrophenol	0.186	0.202	-8.6	88	0.00
27	2,4-Dimethylphenol	0.279	0.291	-4.3	84	0.00
28	bis(2-Chloroethoxy)methane	0.409	0.424	-3.7	86	0.00
29 C	2,4-Dichlorophenol	0.322	0.334	-3.7	87	0.00
30	1,2,4-Trichlorobenzene	0.330	0.331	-0.3	84	0.00
31	Naphthalene	0.951	0.964	-1.4	86	0.00
32	Benzoic acid	0.204	0.203	0.5	97	-0.04
33	4-Chloroaniline	0.347	0.363	-4.6	86	0.00
34 C	Hexachlorobutadiene	0.249	0.251	-0.8	83	0.00
35	Caprolactam	0.088	0.092	-4.5	85	-0.03
36 C	4-Chloro-3-methylphenol	0.288	0.303	-5.2	88	0.00
37	2-Methylnaphthalene	0.636	0.635	0.2	84	0.00
38	1-Methylnaphthalene	0.614	0.615	-0.2	85	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	85	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.655	0.656	-0.2	83	0.00
41 P	Hexachlorocyclopentadiene	0.195	0.295	-51.3#	125	-0.01
42 S	2,4,6-Tribromophenol	0.251	0.249	0.8	80	0.00
43 C	2,4,6-Trichlorophenol	0.446	0.457	-2.5	85	-0.01
44	2,4,5-Trichlorophenol	0.481	0.480	0.2	84	0.00
45 S	2-Fluorobiphenyl	1.354	1.327	2.0	84	0.00
46	1,1'-Biphenyl	1.396	1.417	-1.5	86	0.00
47	2-Chloronaphthalene	1.191	1.193	-0.2	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144243.D
 Acq On : 13 Nov 2025 14:56
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 13 15:18:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.344	0.381	-10.8	90	0.00
49	Acenaphthylene	1.623	1.644	-1.3	85	0.00
50	Dimethylphthalate	1.325	1.363	-2.9	86	0.00
51	2,6-Dinitrotoluene	0.268	0.291	-8.6	90	0.00
52 C	Acenaphthene	1.085	1.166	-7.5	90	0.00
53	3-Nitroaniline	0.293	0.319	-8.9	86	0.00
54 P	2,4-Dinitrophenol	0.162	0.249	-53.7#	151#	-0.01
55	Dibenzofuran	1.520	1.540	-1.3	84	0.00
56 P	4-Nitrophenol	0.212	0.206	2.8	86	-0.01
57	2,4-Dinitrotoluene	0.359	0.390	-8.6	86	0.00
58	Fluorene	1.156	1.154	0.2	83	0.00
59	2,3,4,6-Tetrachlorophenol	0.340	0.352	-3.5	84	0.00
60	Diethylphthalate	1.221	1.251	-2.5	85	0.00
61	4-Chlorophenyl-phenylether	0.658	0.647	1.7	80	-0.01
62	4-Nitroaniline	0.279	0.290	-3.9	85	0.00
63	Azobenzene	1.137	1.189	-4.6	87	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	83	0.00
65	4,6-Dinitro-2-methylphenol	0.136	0.142	-4.4	91	-0.01
66 c	n-Nitrosodiphenylamine	0.643	0.669	-4.0	86	0.00
67	4-Bromophenyl-phenylether	0.255	0.263	-3.1	83	0.00
68	Hexachlorobenzene	0.301	0.300	0.3	83	0.00
69	Atrazine	0.205	0.190	7.3	77	0.00
70 C	Pentachlorophenol	0.150	0.146	2.7	78	-0.01
71	Phenanthrene	0.996	1.007	-1.1	83	0.00
72	Anthracene	1.013	1.027	-1.4	84	0.00
73	Carbazole	0.861	0.857	0.5	81	-0.01
74	Di-n-butylphthalate	1.041	0.988	5.1	77	0.00
75 C	Fluoranthene	1.029	0.976	5.2	77	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	74	0.00
77	Benzydine	0.592	0.667	-12.7	79	-0.02
78	Pyrene	1.613	1.773	-9.9	77	0.00
79 S	Terphenyl-d14	1.259	1.311	-4.1	73	-0.01
80	Butylbenzylphthalate	0.559	0.572	-2.3	71	-0.01
81	Benzo(a)anthracene	1.386	1.424	-2.7	73	-0.01
82	3,3'-Dichlorobenzidine	0.475	0.477	-0.4	73	-0.01
83	Chrysene	1.280	1.371	-7.1	72	-0.01
84	Bis(2-ethylhexyl)phthalate	0.765	0.734	4.1	66	-0.01
85 c	Di-n-octyl phthalate	1.320	1.279	3.1	67	-0.01
86 I	Perylene-d12	1.000	1.000	0.0	74	-0.02
87	Indeno(1,2,3-cd)pyrene	1.436	1.481	-3.1	74	0.00
88	Benzo(b)fluoranthene	1.137	1.144	-0.6	69	0.00
89	Benzo(k)fluoranthene	1.064	1.069	-0.5	76	0.00
90 C	Benzo(a)pyrene	1.049	1.055	-0.6	72	-0.01
91	Dibenzo(a,h)anthracene	1.153	1.199	-4.0	74	-0.01
92	Benzo(g,h,i)perylene	1.139	1.197	-5.1	74	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144243.D
Acq On : 13 Nov 2025 14:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 13 15:18:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3584</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>11/11/2025 14:44</u>
Lab File ID:	<u>BP026090.D</u>	Init. Calib. Date(s):	<u>10/29/2025 10/29/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>09:26 14:13</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.212	1.264		4.3	
Benzaldehyde	0.802	0.731		-8.9	
Phenol-d6	1.543	1.614		4.6	
Phenol	1.713	1.746		1.9	20.0
bis(2-Chloroethyl)ether	1.352	1.365		1.0	
2-Chlorophenol	1.342	1.449		8.0	
2-Methylphenol	1.121	1.171		4.5	
2,2-oxybis(1-Chloropropane)	2.043	1.910		-6.5	
Acetophenone	0.506	0.507		0.2	
3+4-Methylphenols	1.560	1.626		4.2	
n-Nitroso-di-n-propylamine	0.958	0.999	0.050	4.3	
Nitrobenzene-d5	0.321	0.350		9.0	
Hexachloroethane	0.533	0.569		6.8	
Nitrobenzene	0.339	0.359		5.9	
Isophorone	0.687	0.710		3.3	
2-Nitrophenol	0.104	0.185		77.9	20.0
2,4-Dimethylphenol	0.289	0.300		3.8	
bis(2-Chloroethoxy)methane	0.433	0.445		2.8	
2,4-Dichlorophenol	0.305	0.340		11.5	20.0
Naphthalene	1.091	1.100		0.8	
4-Chloroaniline	0.419	0.430		2.6	
Hexachlorobutadiene	0.211	0.223		5.7	20.0
Caprolactam	0.107	0.117		9.3	
4-Chloro-3-methylphenol	0.320	0.353		10.3	20.0
2-Methylnaphthalene	0.763	0.781		2.4	
Hexachlorocyclopentadiene	0.227	0.287	0.050	26.4	
2,4,6-Trichlorophenol	0.367	0.434		18.3	20.0
2-Fluorobiphenyl	1.392	1.380		-0.9	
2,4,5-Trichlorophenol	0.419	0.475		13.4	
1,1-Biphenyl	1.531	1.524		-0.5	
2-Chloronaphthalene	1.205	1.209		0.3	
2-Nitroaniline	0.272	0.334		22.8	
Dimethylphthalate	1.455	1.529		5.1	
Acenaphthylene	1.756	1.763		0.4	
2,6-Dinitrotoluene	0.237	0.310		30.8	
3-Nitroaniline	0.291	0.359		23.4	
Acenaphthene	1.206	1.180		-2.2	20.0
2,4-Dinitrophenol	0.100	0.159	0.050	59.0	
4-Nitrophenol	0.290	0.317	0.050	9.3	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3584</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>11/11/2025 14:44</u>
Lab File ID:	<u>BP026090.D</u>	Init. Calib. Date(s):	<u>10/29/2025 10/29/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>09:26 14:13</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.822	1.817		-0.3	
2,4-Dinitrotoluene	0.347	0.459		32.3	
Diethylphthalate	1.463	1.536		5.0	
4-Chlorophenyl-phenylether	0.713	0.734		2.9	
Fluorene	1.427	1.432		0.3	
4-Nitroaniline	0.311	0.370		19.0	
4,6-Dinitro-2-methylphenol	0.077	0.116		50.6	
n-Nitrosodiphenylamine	0.625	0.623		-0.3	20.0
2,4,6-Tribromophenol	0.216	0.265		22.7	
4-Bromophenyl-phenylether	0.222	0.233		5.0	
Hexachlorobenzene	0.253	0.264		4.3	
Atrazine	0.211	0.223		5.7	
Pentachlorophenol	0.154	0.182		18.2	20.0
Phenanthrene	1.164	1.133		-2.7	
Anthracene	1.154	1.149		-0.4	
Carbazole	1.092	1.094		0.2	
Di-n-butylphthalate	1.222	1.365		11.7	
Fluoranthene	1.358	1.371		1.0	20.0
Pyrene	1.353	1.374		1.6	
Terphenyl-d14	0.984	0.992		0.8	
Butylbenzylphthalate	0.432	0.610		41.2	
3,3-Dichlorobenzidine	0.443	0.491		10.8	
Benzo (a) anthracene	1.374	1.392		1.3	
Chrysene	1.302	1.303		0.1	
Bis(2-ethylhexyl)phthalate	0.718	0.915		27.4	
Di-n-octyl phthalate	1.191	1.622		36.2	20.0
Benzo (b) fluoranthene	1.242	1.261		1.5	
Benzo (k) fluoranthene	1.268	1.232		-2.8	
Benzo (a) pyrene	1.141	1.172		2.7	20.0
Indeno (1,2,3-cd) pyrene	1.476	1.518		2.8	
Dibenzo (a,h) anthracene	1.202	1.234		2.7	
Benzo (g,h,i) perylene	1.156	1.176		1.7	
1,2,4,5-Tetrachlorobenzene	0.621	0.638		2.7	
1,4-Dioxane	0.511	0.508		-0.6	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.408		23.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026090.D
 Acq On : 11 Nov 2025 14:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/12/2025

Supervised By :Jagrut Upadhyay 11/12/2025

Quant Time: Nov 11 15:19:15 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 30 11:51:34 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	341127	20.000	ng	-0.01
21) Naphthalene-d8	10.449	136	1393557	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	901803	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	1845193	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1927464	20.000	ng	0.02
86) Perylene-d12	24.924	264	2191179	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1724375	83.411	ng	0.00
7) Phenol-d6	6.855	99	2202873	83.718	ng	0.00
23) Nitrobenzene-d5	8.813	82	1952591	87.348	ng	-0.01
42) 2,4,6-Tribromophenol	15.831	330	957102	98.171	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	4978842	79.332	ng	0.00
79) Terphenyl-d14	19.878	244	7647261	80.608	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.237	88	346756	39.788	ng	97
3) Pyridine	3.625	79	990061	39.962	ng	97
4) n-Nitrosodimethylamine	3.537	42	367346	36.995	ng	89
6) Aniline	7.008	93	1408424	40.106	ng	99
8) 2-Chlorophenol	7.249	128	988337	43.173	ng	98
9) Benzaldehyde	6.825	77	498700	36.459	ng	98
10) Phenol	6.878	94	1191105	40.774	ng	99
11) bis(2-Chloroethyl)ether	7.108	93	931452	40.404	ng	99
12) 1,3-Dichlorobenzene	7.566	146	1063892	40.467	ng	99
13) 1,4-Dichlorobenzene	7.713	146	1068446	40.196	ng	98
14) 1,2-Dichlorobenzene	8.025	146	1035172	40.812	ng	99
15) Benzyl Alcohol	7.908	79	798759	42.108	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.196	45	1302774	37.391	ng	97
17) 2-Methylphenol	8.113	107	798996	41.770	ng	99
18) Hexachloroethane	8.755	117	388232	42.683	ng	97
19) n-Nitroso-di-n-propyla...	8.478	70	681559	41.727	ng	96
20) 3+4-Methylphenols	8.437	107	1109329	41.687	ng	97
22) Acetophenone	8.484	105	1413546	40.108	ng	98
24) Nitrobenzene	8.855	77	1000416	42.386	ng	100
25) Isophorone	9.390	82	1978244	41.345	ng	99
26) 2-Nitrophenol	9.566	139	516338	58.796	ng	94
27) 2,4-Dimethylphenol	9.631	122	837296	41.613	ng	98
28) bis(2-Chloroethoxy)met...	9.866	93	1240129	41.126	ng	99
29) 2,4-Dichlorophenol	10.096	162	948733	44.657	ng	99
30) 1,2,4-Trichlorobenzene	10.319	180	952499	41.249	ng	99
31) Naphthalene	10.496	128	3067065	40.360	ng	100
32) Benzoic acid	9.760	122	698320	54.588	ng	97
33) 4-Chloroaniline	10.602	127	1197576	41.010	ng	99
34) Hexachlorobutadiene	10.790	225	621227	42.335	ng	99
35) Caprolactam	11.378	113	327062	43.839	ng	# 87
36) 4-Chloro-3-methylphenol	11.731	107	984333	44.198	ng	98
37) 2-Methylnaphthalene	12.113	142	2176256	40.916	ng	99
38) 1-Methylnaphthalene	12.337	142	2126449	41.153	ng	100
40) 1,2,4,5-Tetrachloroben...	12.484	216	1151353	41.090	ng	99
41) Hexachlorocyclopentadiene	12.472	237	517533	50.481	ng	97
43) 2,4,6-Trichlorophenol	12.725	196	782317	47.235	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026090.D
 Acq On : 11 Nov 2025 14:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/12/2025
 Supervised By :Jagrut Upadhyay 11/12/2025

Quant Time: Nov 11 15:19:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.796	196	855853	45.287	ng	98
46) 1,1'-Biphenyl	13.137	154	2748920	39.810	ng	99
47) 2-Chloronaphthalene	13.172	162	2179869	40.123	ng	99
48) 2-Nitroaniline	13.372	65	601547	43.326	ng	94
49) Acenaphthylene	14.037	152	3180477	40.165	ng	100
50) Dimethylphthalate	13.766	163	2757852	42.043	ng	100
51) 2,6-Dinitrotoluene	13.878	165	558831	45.776	ng	97
52) Acenaphthene	14.384	154	2127933m	39.144	ng	
53) 3-Nitroaniline	14.207	138	647221	44.027	ng	# 99
54) 2,4-Dinitrophenol	14.419	184	287441	57.180	ng	94
55) Dibenzofuran	14.725	168	3277471	39.905	ng	99
56) 4-Nitrophenol	14.519	139	571265	43.674	ng	97
57) 2,4-Dinitrotoluene	14.684	165	828100	46.152	ng	91
58) Fluorene	15.390	166	2582379	40.133	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	735031	49.467	ng	98
60) Diethylphthalate	15.166	149	2770115	42.006	ng	99
61) 4-Chlorophenyl-phenyle...	15.390	204	1323676	41.194	ng	96
62) 4-Nitroaniline	15.401	138	667090	47.592	ng	93
63) Azobenzene	15.684	77	2351715	39.349	ng	98
65) 4,6-Dinitro-2-methylph...	15.466	198	428960	54.953	ng	90
66) n-Nitrosodiphenylamine	15.595	169	2299364	39.856	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	858444	41.941	ng	97
68) Hexachlorobenzene	16.419	284	975031	41.846	ng	97
69) Atrazine	16.584	200	821166	42.193	ng	99
70) Pentachlorophenol	16.766	266	670054	47.080	ng	99
71) Phenanthrene	17.166	178	4180652	38.926	ng	100
72) Anthracene	17.260	178	4241898	39.845	ng	100
73) Carbazole	17.542	167	4036597	40.055	ng	99
74) Di-n-butylphthalate	18.160	149	5037535	44.673	ng	100
75) Fluoranthene	19.272	202	5059395	40.384	ng	98
77) Benzidine	19.466	184	1954113	39.942	ng	99
78) Pyrene	19.642	202	5298247	40.642	ng	99
80) Butylbenzylphthalate	20.619	149	2350611	48.274	ng	99
81) Benzo(a)anthracene	21.572	228	5367004	40.521	ng	100
82) 3,3'-Dichlorobenzidine	21.489	252	1893927	44.380	ng	100
83) Chrysene	21.636	228	5023318	40.037	ng	100
84) Bis(2-ethylhexyl)phtha...	21.536	149	3527668	45.553	ng	# 98
85) Di-n-octyl phthalate	22.819	149	6253410	54.501	ng	96
87) Indeno(1,2,3-cd)pyrene	28.724	276	6652593m	41.124	ng	
88) Benzo(b)fluoranthene	23.877	252	5526088	40.625	ng	100
89) Benzo(k)fluoranthene	23.948	252	5396935	38.853	ng	99
90) Benzo(a)pyrene	24.771	252	5137911	41.114	ng	99
91) Dibenzo(a,h)anthracene	28.806	278	5406848	41.071	ng	99
92) Benzo(g,h,i)perylene	29.877	276	5152380	40.672	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

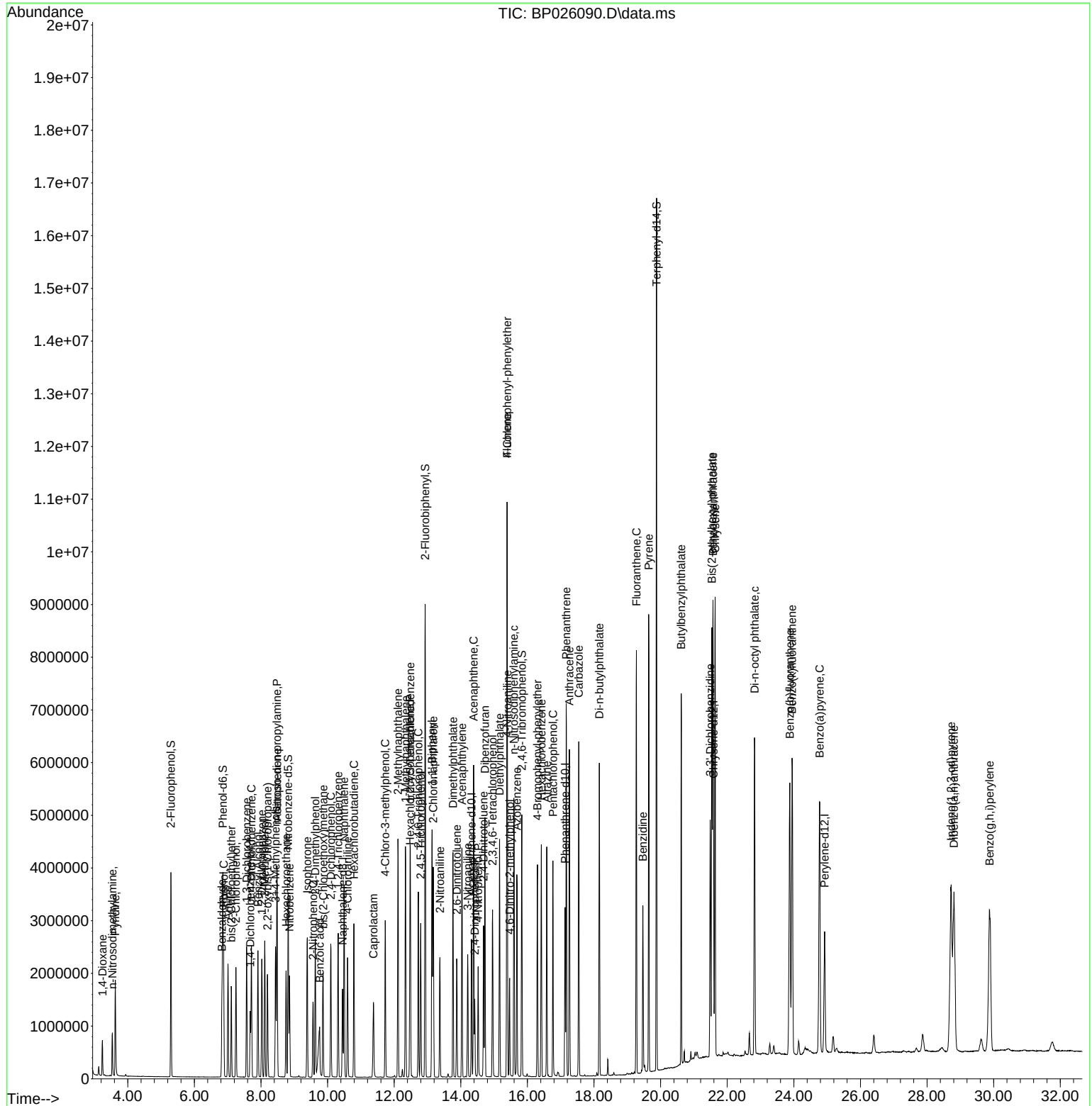
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026090.D
Acq On : 11 Nov 2025 14:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

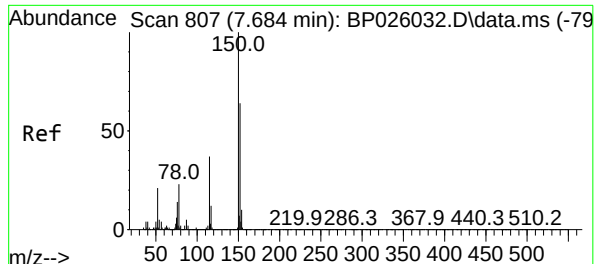
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

Quant Time: Nov 11 15:19:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration





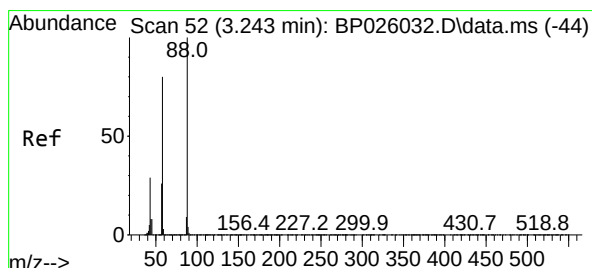
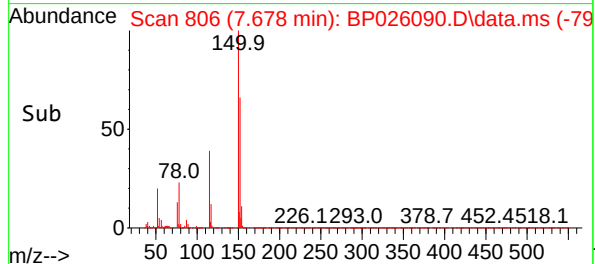
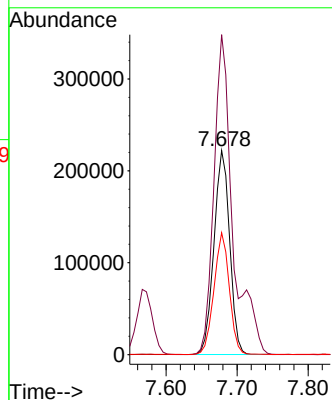
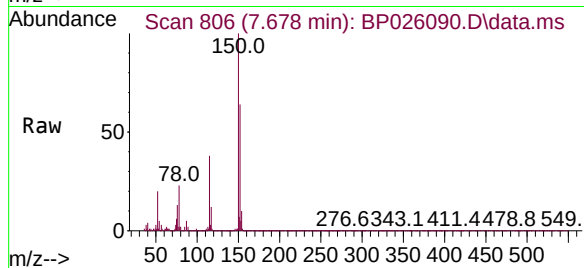
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 341127
Ion Ratio Lower Upper
152 100
150 156.8 125.7 188.5
115 59.7 46.4 69.6

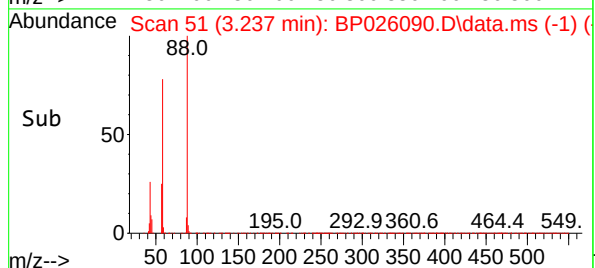
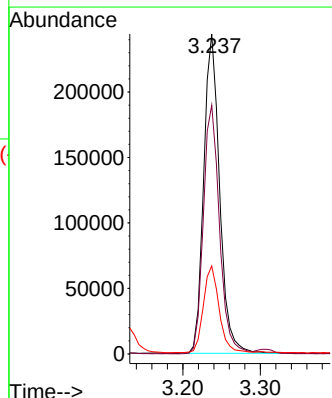
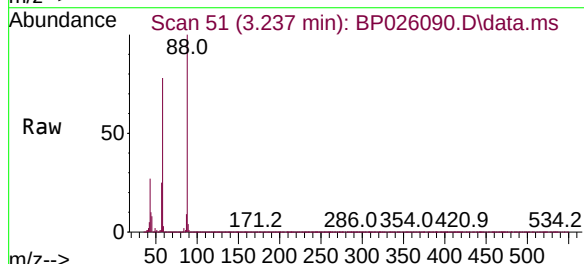
Manual Integrations
APPROVED

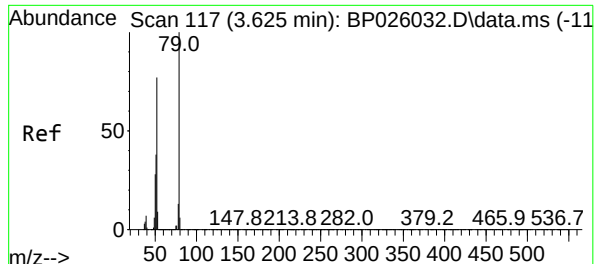
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#2
1,4-Dioxane
Concen: 39.788 ng
RT: 3.237 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

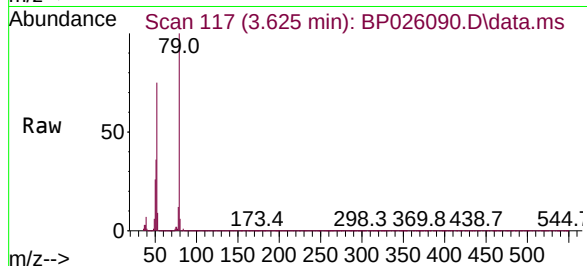
Tgt Ion: 88 Resp: 346756
Ion Ratio Lower Upper
88 100
58 79.1 65.4 98.0
43 26.8 23.1 34.7





#3
Pyridine
Concen: 39.962 ng
RT: 3.625 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

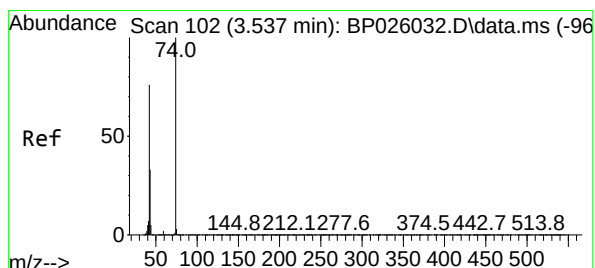
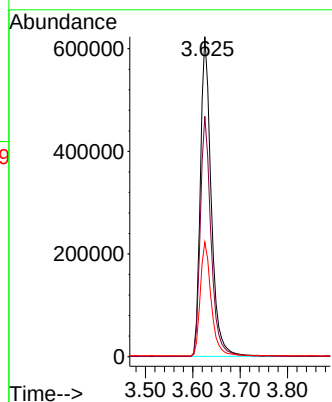
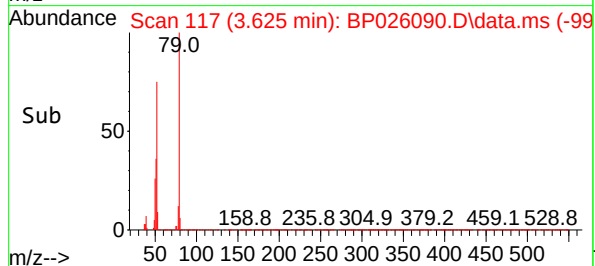
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



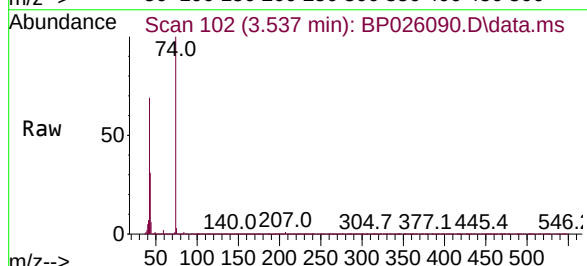
Tgt Ion: 79 Resp: 990063
Ion Ratio Lower Upper
79 100
52 75.1 62.0 93.0
51 35.8 30.6 46.0

Manual Integrations
APPROVED

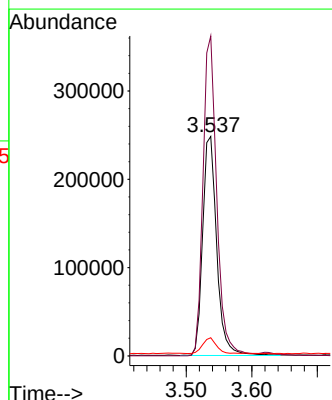
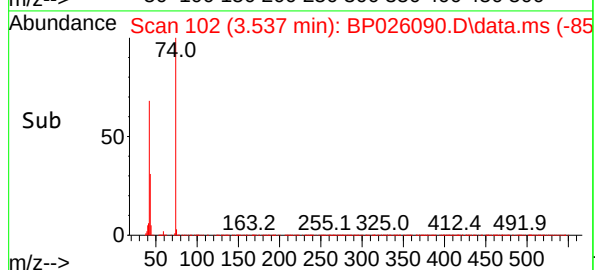
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

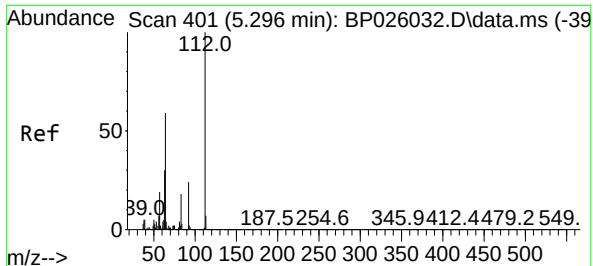


#4
n-Nitrosodimethylamine
Concen: 36.995 ng
RT: 3.537 min Scan# 102
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44



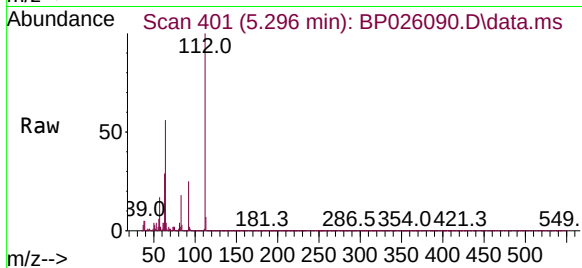
Tgt Ion: 42 Resp: 367346
Ion Ratio Lower Upper
42 100
74 145.8 105.7 158.5
44 8.3 6.6 9.8





#5
2-Fluorophenol
Concen: 83.411 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

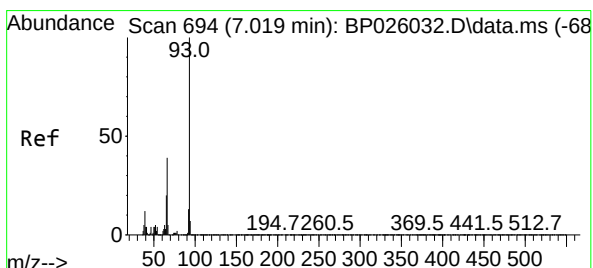
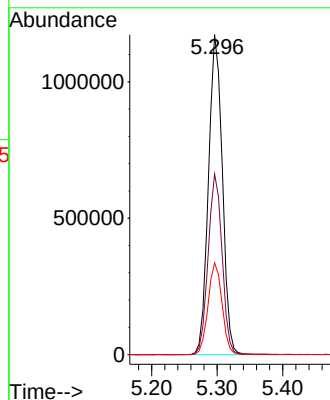
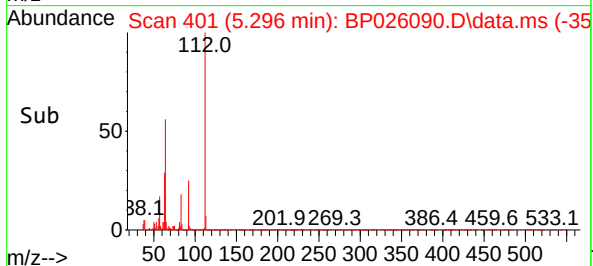
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



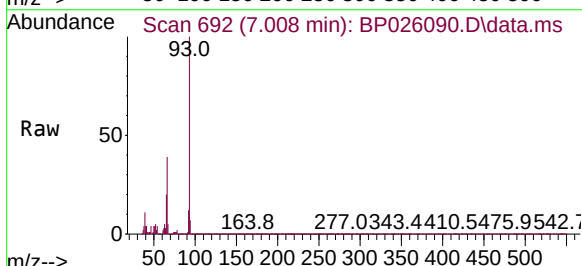
Tgt Ion: 112 Resp: 1724375
Ion Ratio Lower Upper
112 100
64 56.5 47.4 71.2
63 28.7 24.2 36.4

Manual Integrations
APPROVED

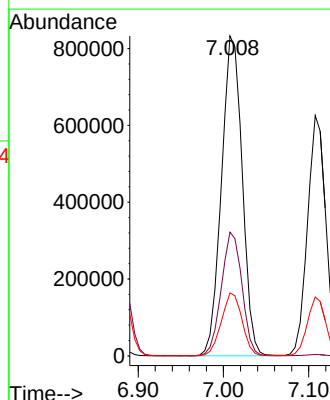
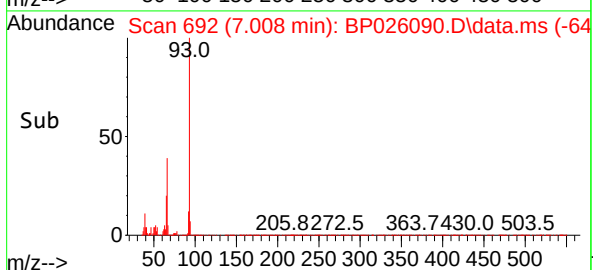
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

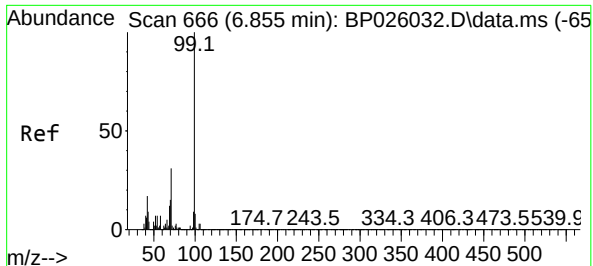


#6
Aniline
Concen: 40.106 ng
RT: 7.008 min Scan# 692
Delta R.T. -0.011 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44



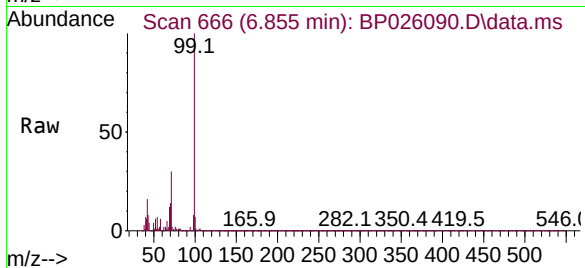
Tgt Ion: 93 Resp: 1408424
Ion Ratio Lower Upper
93 100
66 38.7 31.2 46.8
65 19.7 16.1 24.1





#7
Phenol-d6
Concen: 83.718 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

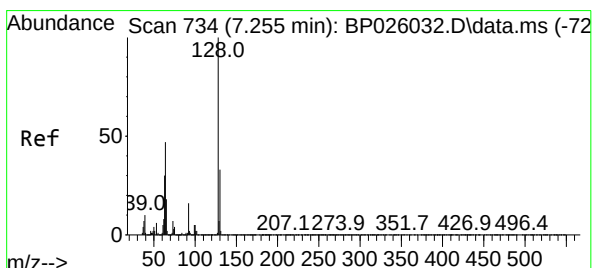
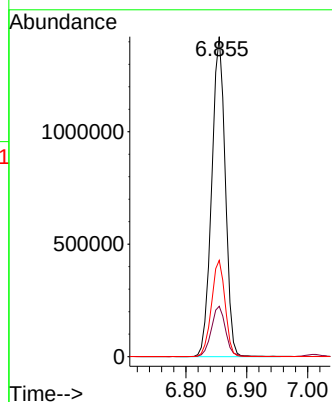
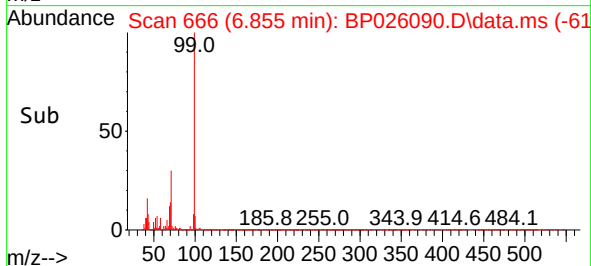
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



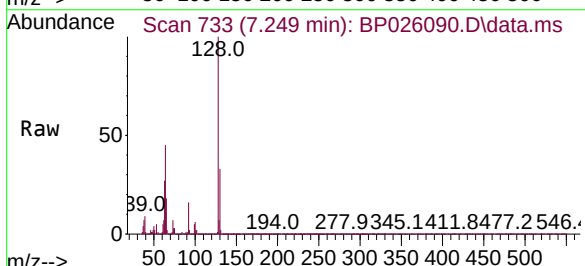
Tgt Ion: 99 Resp: 2202873
Ion Ratio Lower Upper
99 100
42 15.7 13.7 20.5
71 30.1 24.4 36.6

Manual Integrations
APPROVED

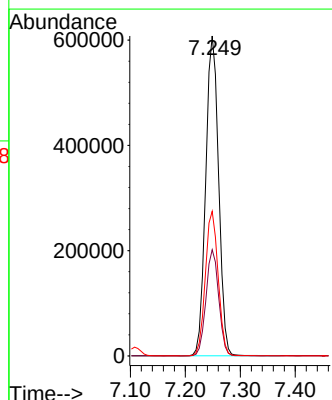
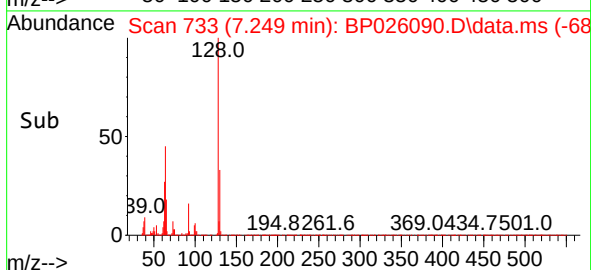
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

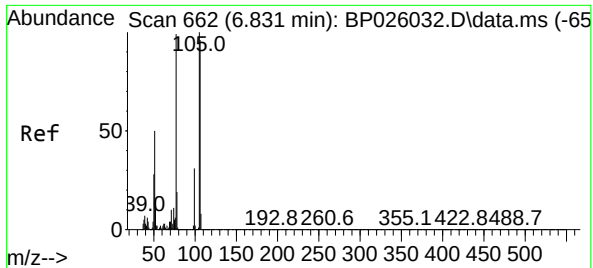


#8
2-Chlorophenol
Concen: 43.173 ng
RT: 7.249 min Scan# 733
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44



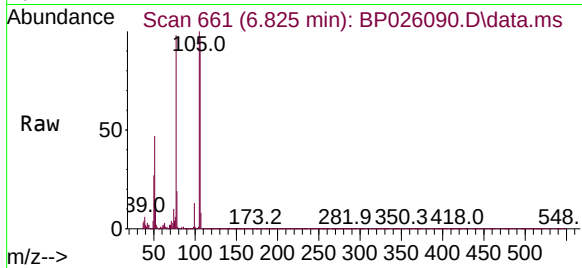
Tgt Ion:128 Resp: 988337
Ion Ratio Lower Upper
128 100
130 33.2 12.7 52.7
64 45.2 27.4 67.4





#9
Benzaldehyde
Concen: 36.459 ng
RT: 6.825 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

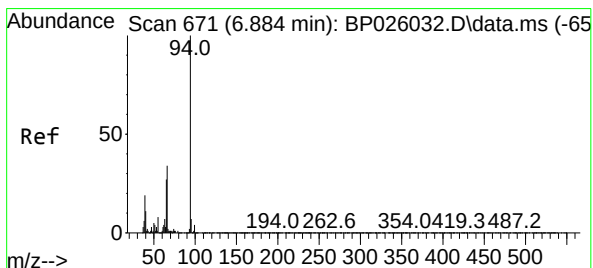
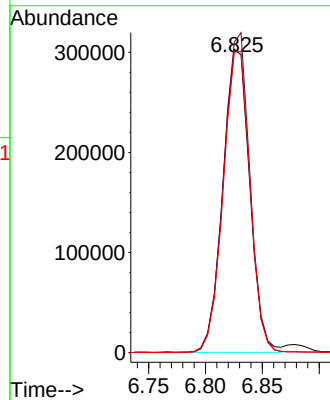
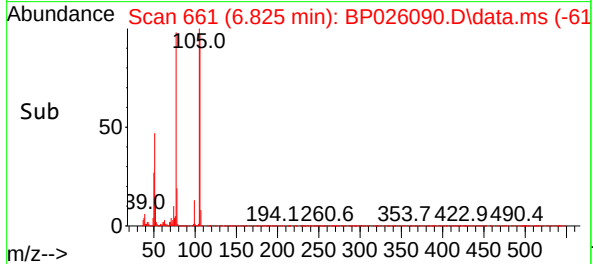
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 498700
Ion Ratio Lower Upper
77 100
105 102.3 80.7 120.7
106 99.0 76.5 116.5

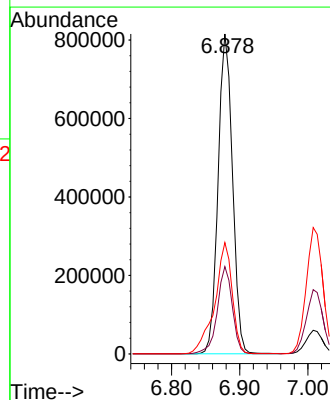
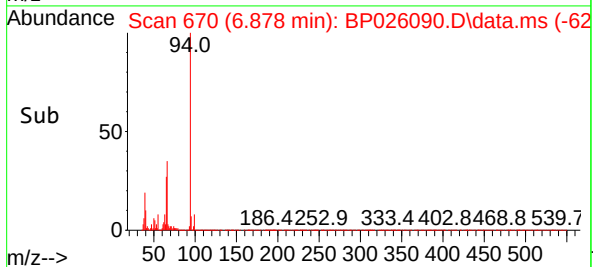
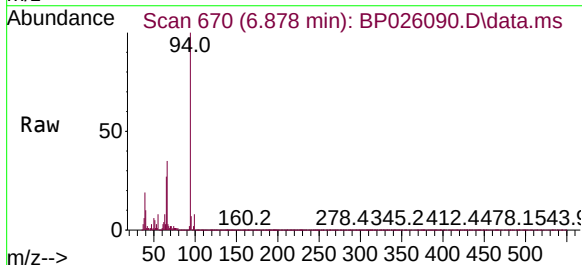
Manual Integrations
APPROVED

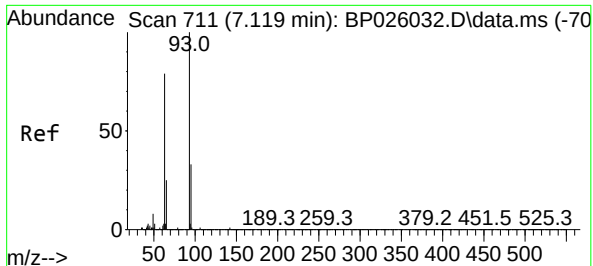
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#10
Phenol
Concen: 40.774 ng
RT: 6.878 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

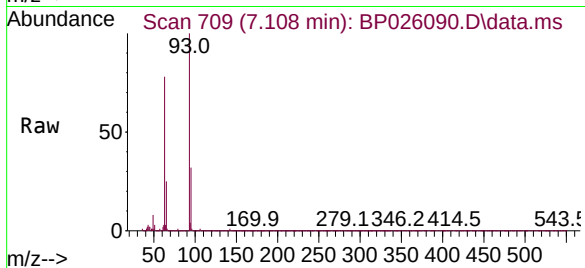
Tgt Ion: 94 Resp: 1191105
Ion Ratio Lower Upper
94 100
65 27.3 7.1 47.1
66 34.8 14.4 54.4





#11
bis(2-Chloroethyl)ether
Concen: 40.404 ng
RT: 7.108 min Scan# 709
Delta R.T. -0.011 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

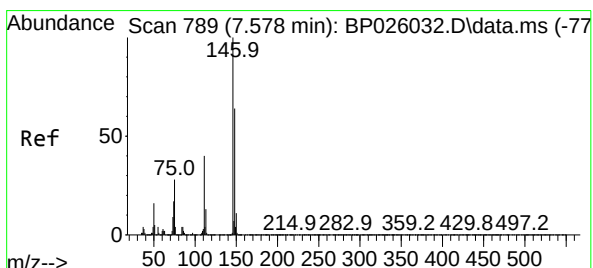
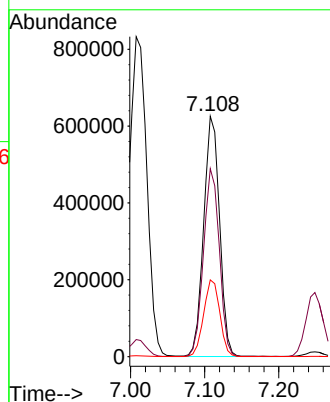
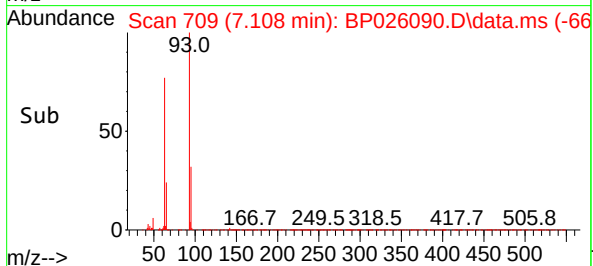
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 93 Resp: 931452
Ion Ratio Lower Upper
93 100
63 78.1 59.1 99.1
95 31.9 12.6 52.6

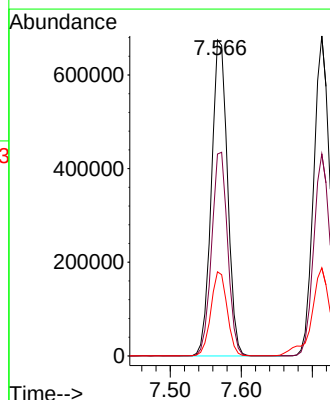
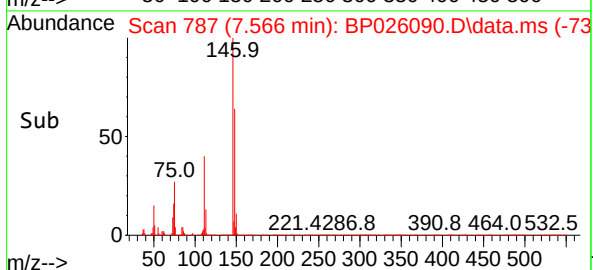
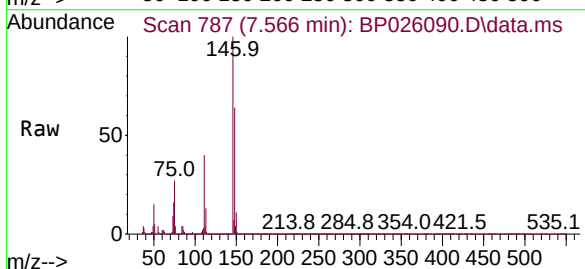
Manual Integrations
APPROVED

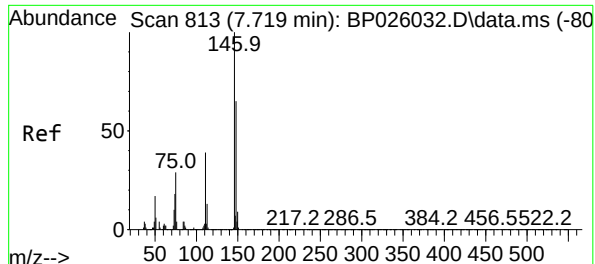
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#12
1,3-Dichlorobenzene
Concen: 40.467 ng
RT: 7.566 min Scan# 787
Delta R.T. -0.011 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:146 Resp: 1063892
Ion Ratio Lower Upper
146 100
148 63.9 51.6 77.4
75 26.6 22.6 33.8





#13

1,4-Dichlorobenzene

Concen: 40.196 ng

RT: 7.713 min Scan# 81

Delta R.T. -0.011 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 1068446

Ion Ratio Lower Upper

146 100

148 63.1 52.2 78.2

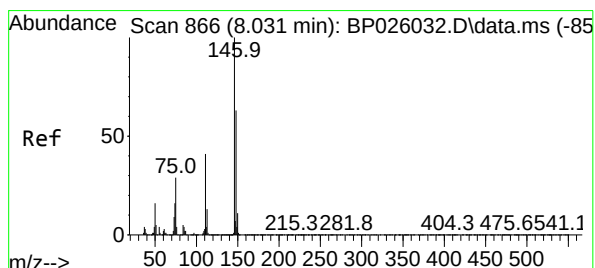
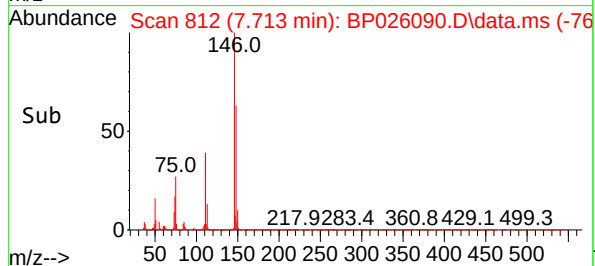
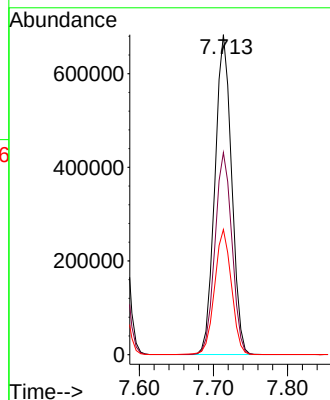
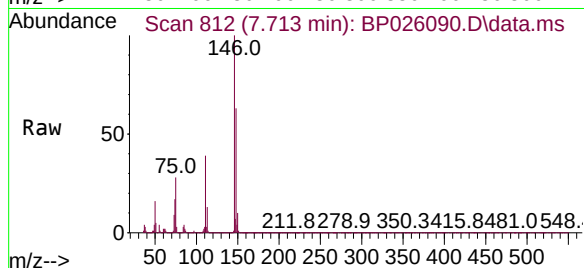
111 39.1 31.3 46.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/12/2025

Supervised By :Jagrut Upadhyay 11/12/2025



#14

1,2-Dichlorobenzene

Concen: 40.812 ng

RT: 8.025 min Scan# 865

Delta R.T. -0.006 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

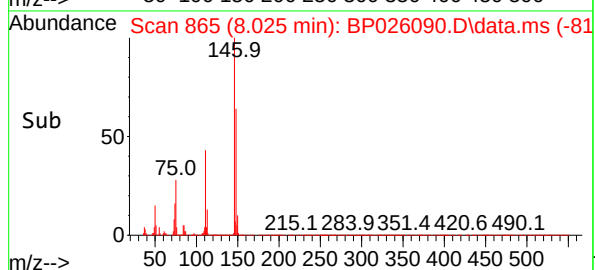
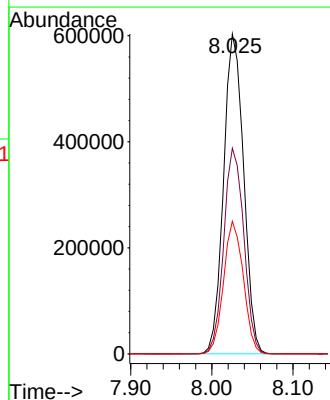
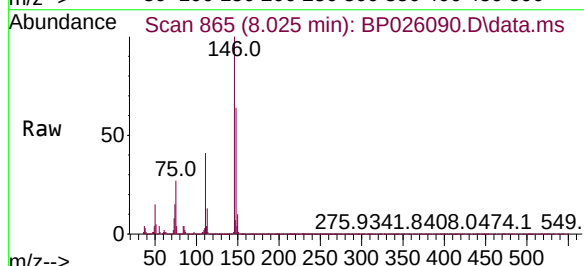
Tgt Ion:146 Resp: 1035172

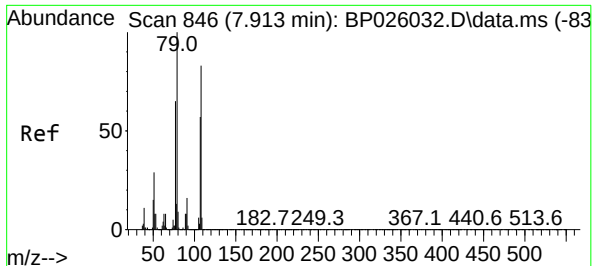
Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

111 41.4 33.0 49.4





#15

Benzyl Alcohol

Concen: 42.108 ng

RT: 7.908 min Scan# 84

Delta R.T. -0.006 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 798759

Ion Ratio Lower Upper

79 100

108 82.4 66.0 99.0

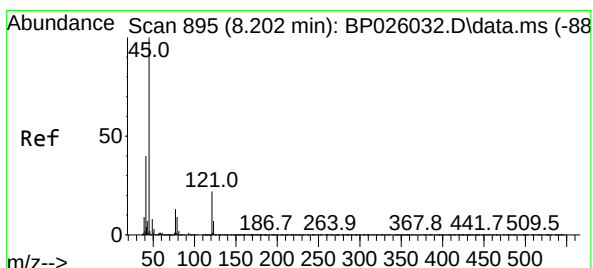
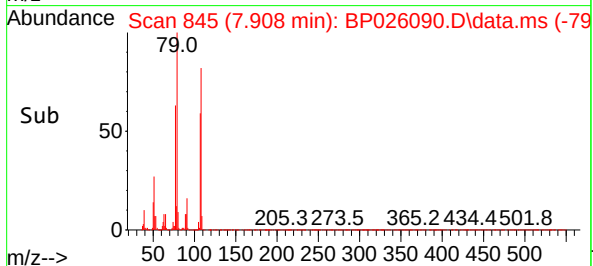
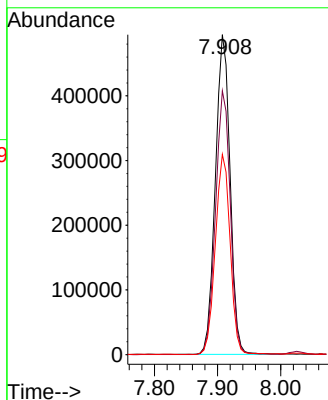
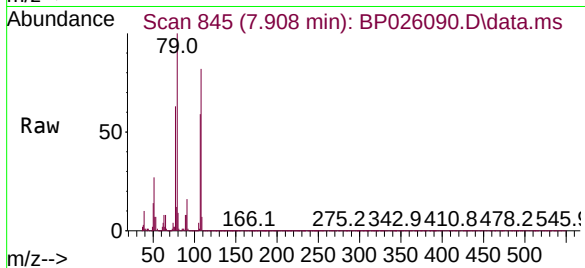
77 62.6 52.3 78.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/12/2025

Supervised By :Jagrut Upadhyay 11/12/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.391 ng

RT: 8.196 min Scan# 894

Delta R.T. -0.006 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

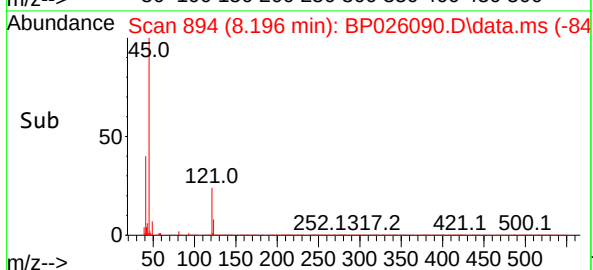
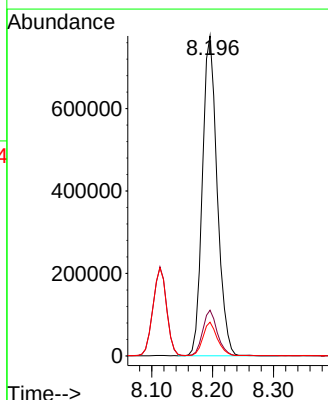
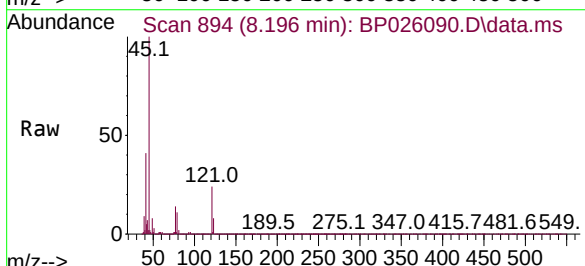
Tgt Ion: 45 Resp: 1302774

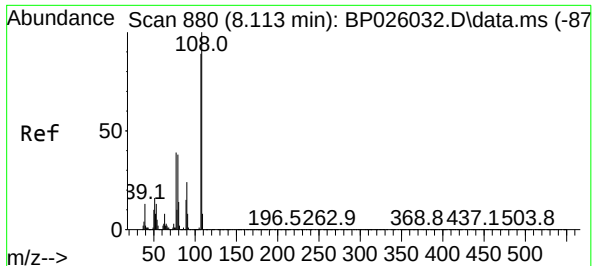
Ion Ratio Lower Upper

45 100

77 14.3 0.0 33.2

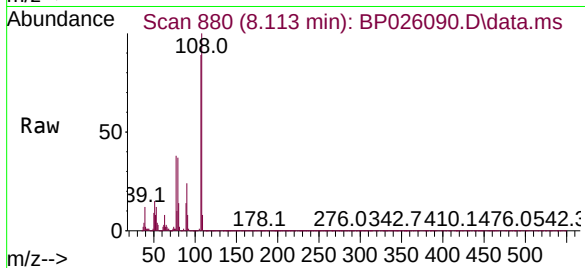
79 10.5 0.0 29.5





#17
2-Methylphenol
Concen: 41.770 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

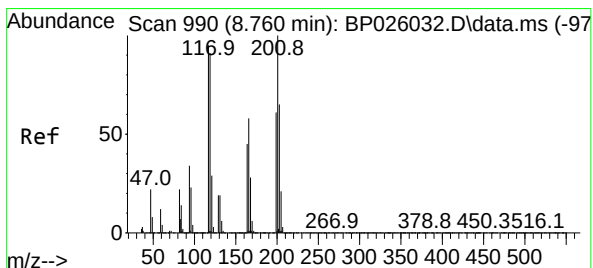
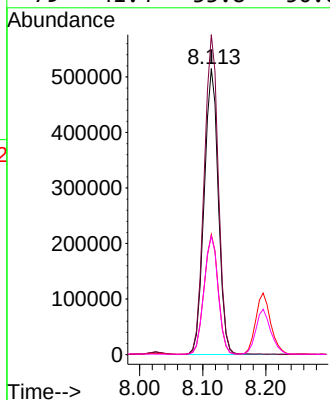
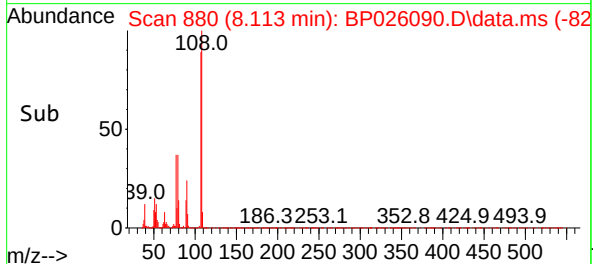
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 798996
Ion Ratio Lower Upper
107 100
108 111.9 89.8 134.8
77 42.0 34.8 52.2
79 41.4 33.8 50.6

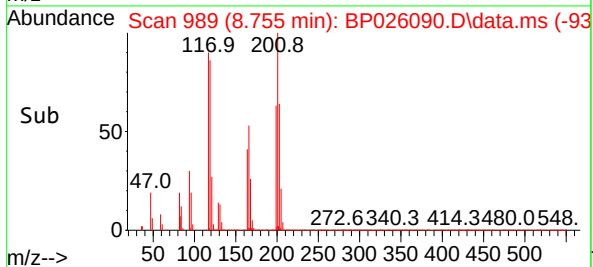
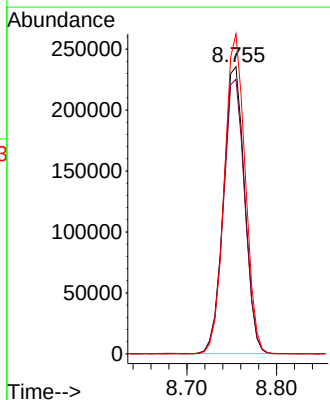
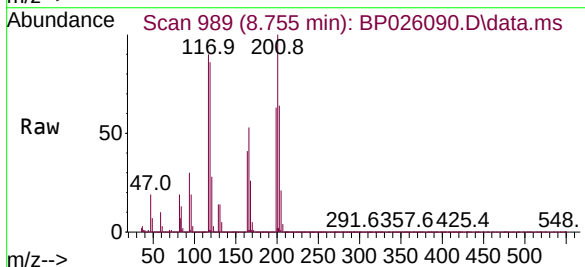
Manual Integrations
APPROVED

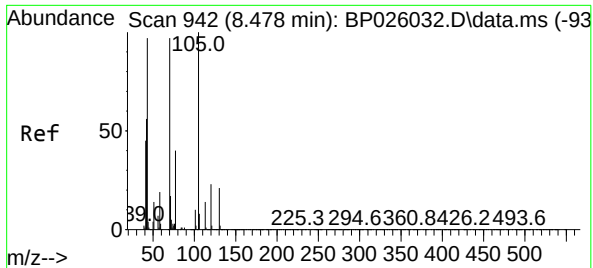
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#18
Hexachloroethane
Concen: 42.683 ng
RT: 8.755 min Scan# 989
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:117 Resp: 388232
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
201 111.4 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 41.727 ng

RT: 8.478 min Scan# 942

Delta R.T. -0.011 min

Lab File: BP026090.D

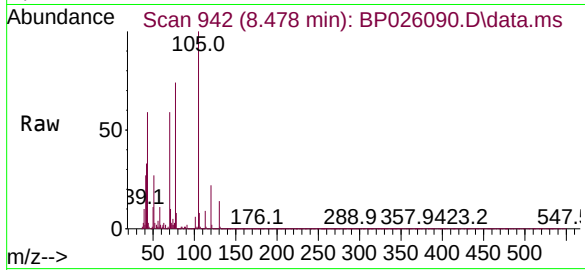
Acq: 11 Nov 2025 14:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 681559

Ion Ratio Lower Upper

70 100

42 55.7 47.2 70.8

101 10.7 8.2 12.2

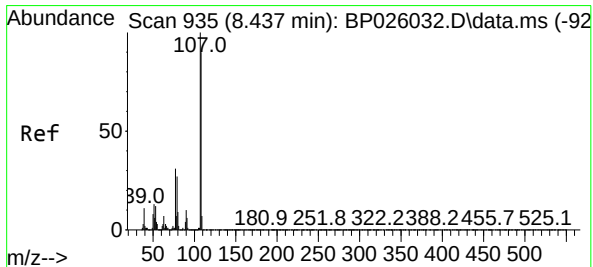
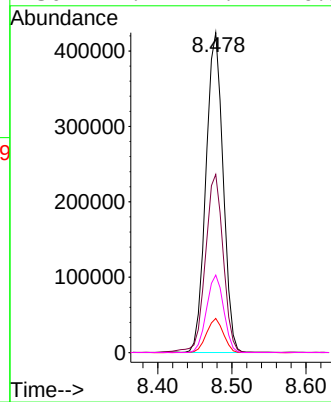
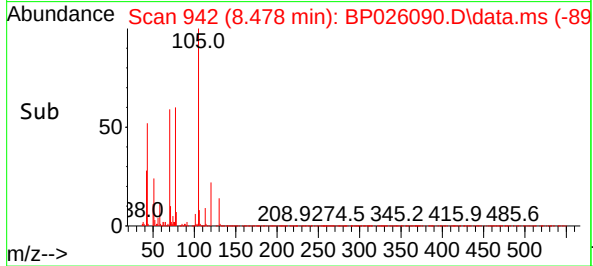
130 24.2 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/12/2025

Supervised By :Jagrut Upadhyay 11/12/2025



#20

3+4-Methylphenols

Concen: 41.687 ng

RT: 8.437 min Scan# 935

Delta R.T. -0.006 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

Tgt Ion:107 Resp: 1109329

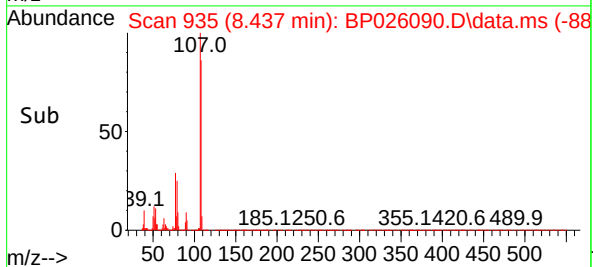
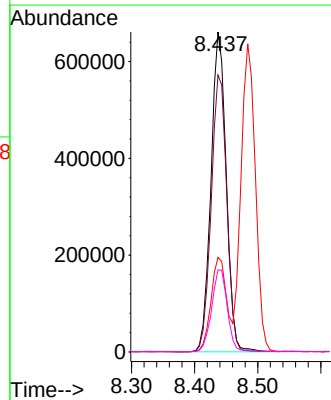
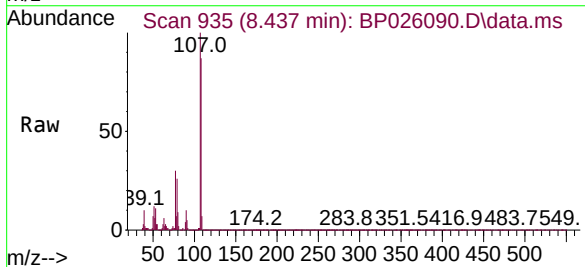
Ion Ratio Lower Upper

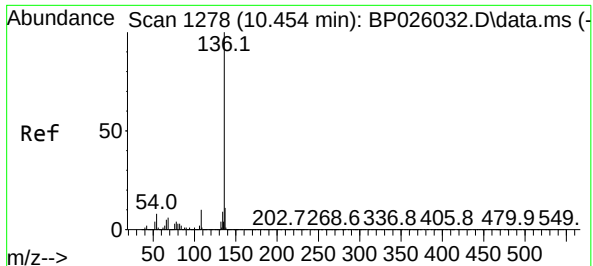
107 100

108 86.5 70.1 110.1

77 29.5 10.7 50.7

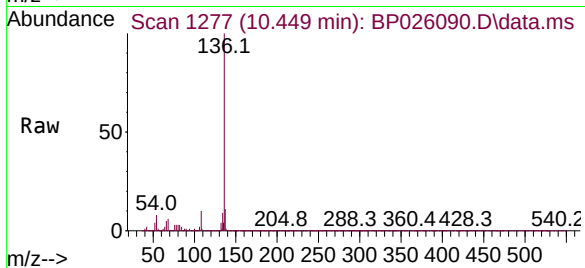
79 25.6 6.9 46.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

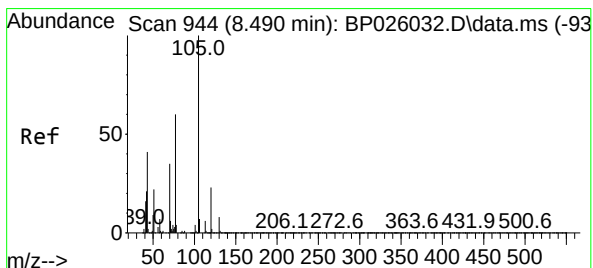
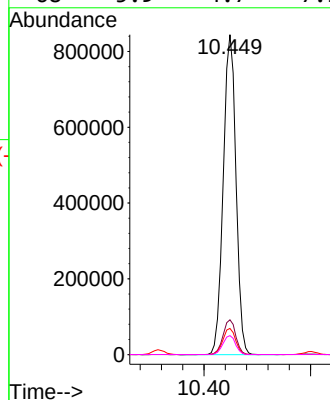
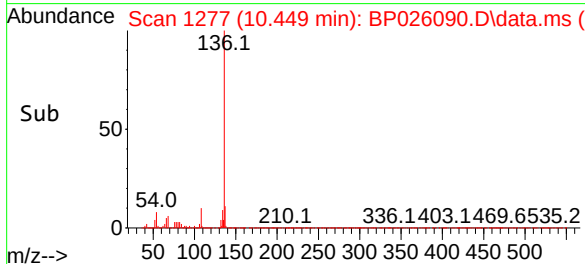
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:136 Resp: 139355
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.2 6.6 10.0
68 5.9 4.7 7.1

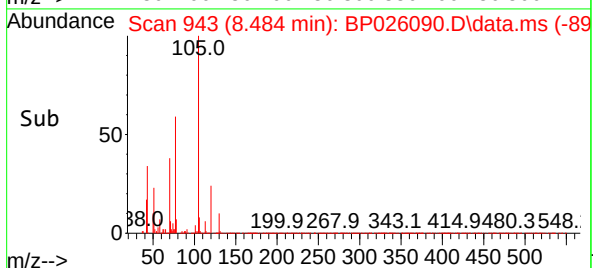
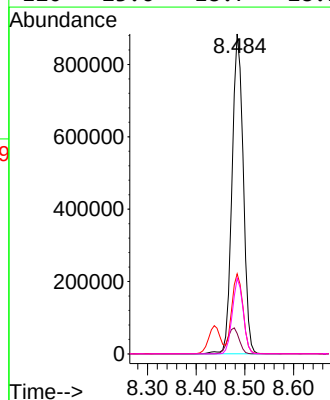
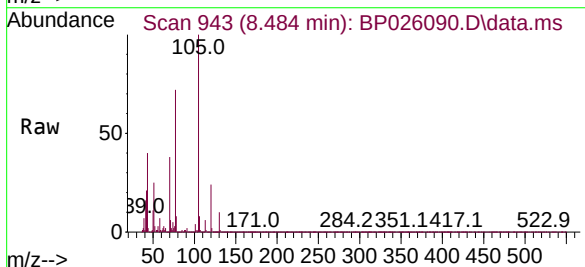
Manual Integrations
APPROVED

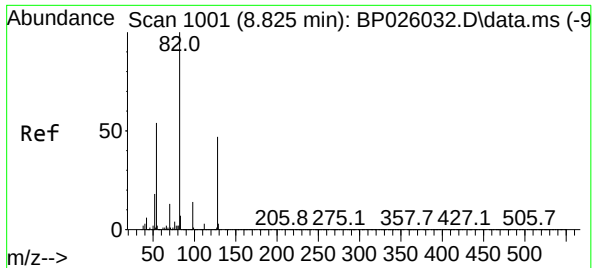
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#22
Acetophenone
Concen: 40.108 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.011 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:105 Resp: 1413546
Ion Ratio Lower Upper
105 100
71 6.4 4.7 7.1
51 25.0 21.8 32.8
120 23.6 18.7 28.1





#23

Nitrobenzene-d5

Concen: 87.348 ng

RT: 8.813 min Scan# 99

Delta R.T. -0.011 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 195259

Ion Ratio Lower Upper

82 100

128 47.0 37.4 56.0

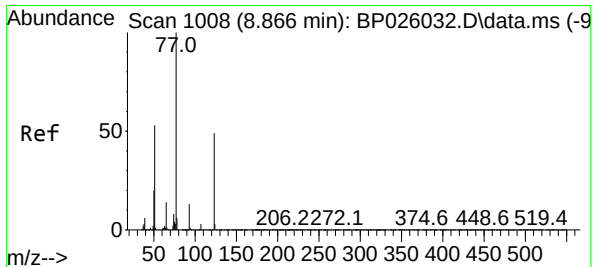
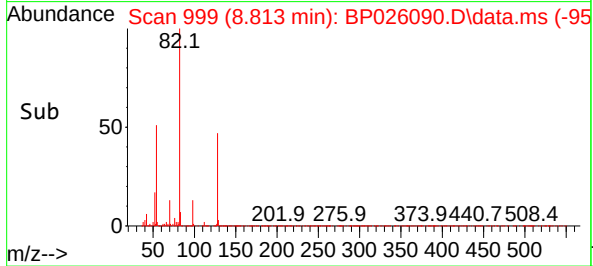
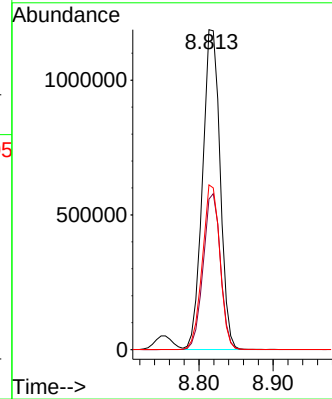
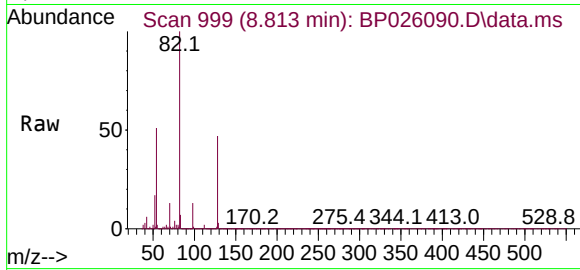
54 51.5 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/12/2025

Supervised By :Jagrut Upadhyay 11/12/2025



#24

Nitrobenzene

Concen: 42.386 ng

RT: 8.855 min Scan# 1006

Delta R.T. -0.011 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

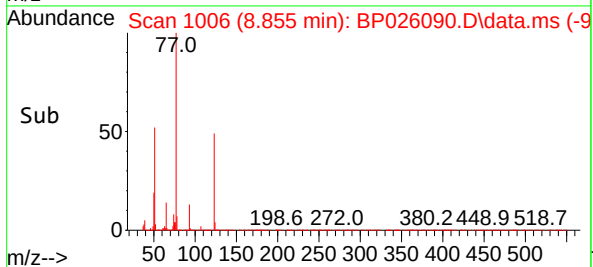
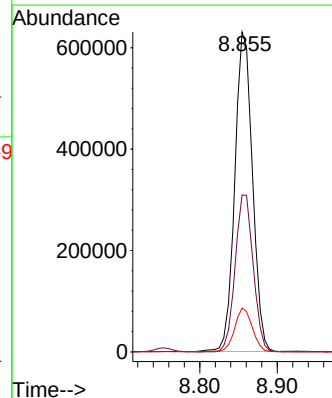
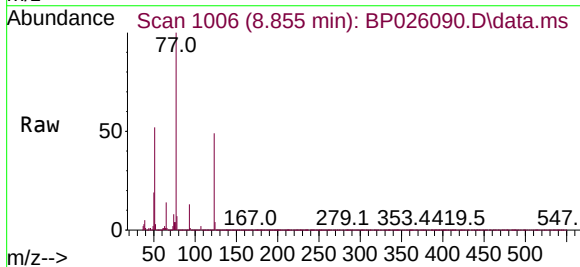
Tgt Ion: 77 Resp: 1000416

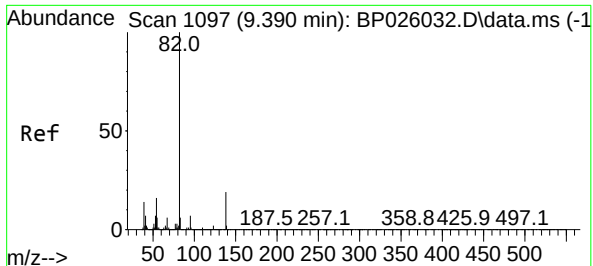
Ion Ratio Lower Upper

77 100

123 49.0 39.0 58.4

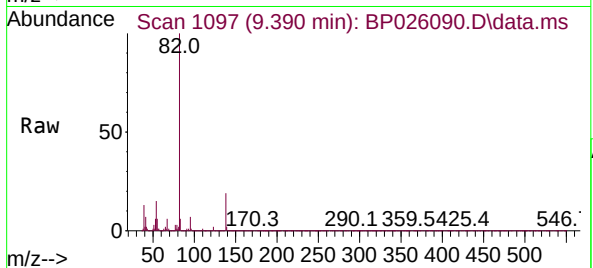
65 13.7 10.9 16.3





#25
Isophorone
Concen: 41.345 ng
RT: 9.390 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

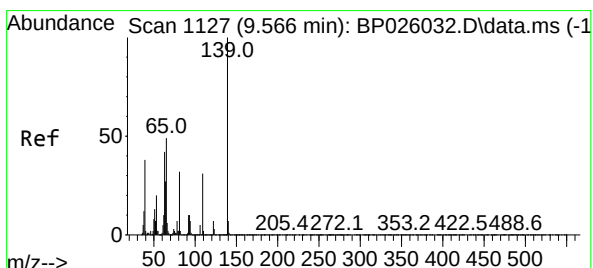
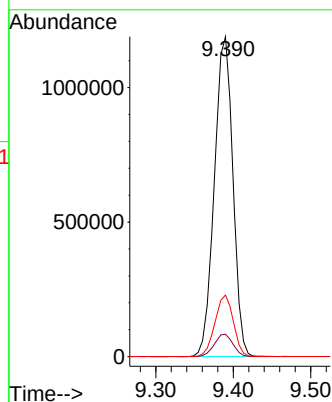
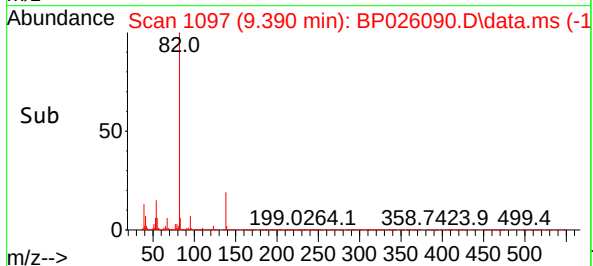
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 1978244
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 19.2 15.0 22.6

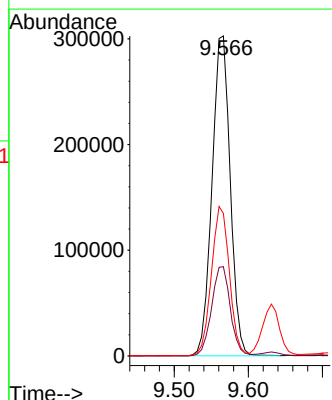
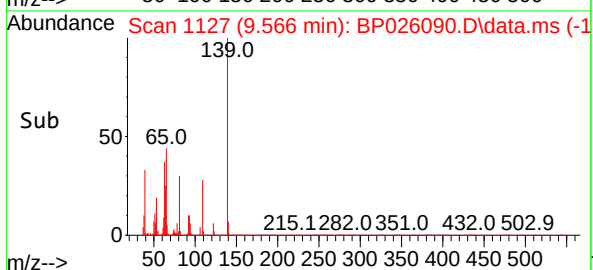
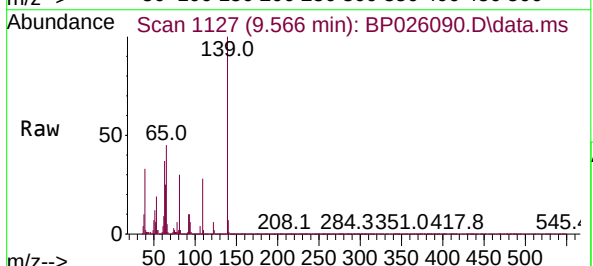
Manual Integrations
APPROVED

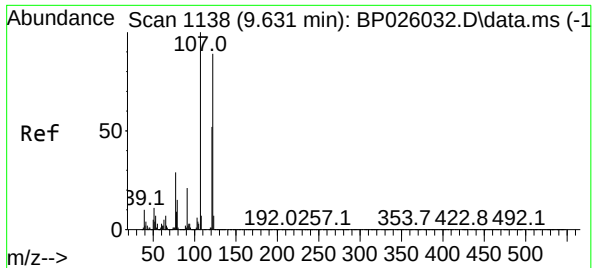
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#26
2-Nitrophenol
Concen: 58.796 ng
RT: 9.566 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

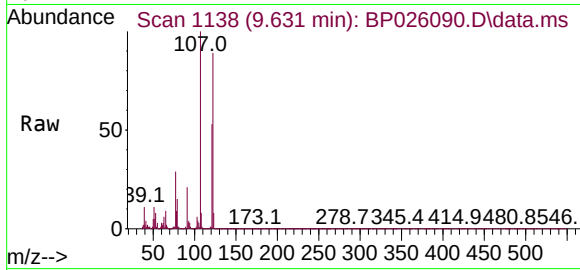
Tgt Ion:139 Resp: 516338
Ion Ratio Lower Upper
139 100
109 27.9 24.8 37.2
65 44.5 39.0 58.4





#27
2,4-Dimethylphenol
Concen: 41.613 ng
RT: 9.631 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

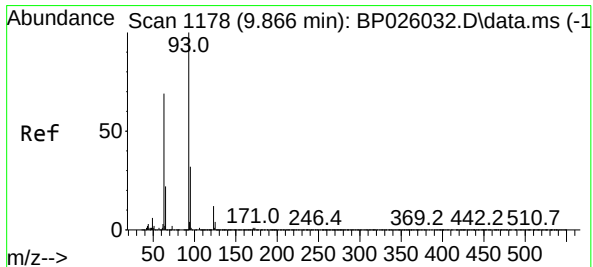
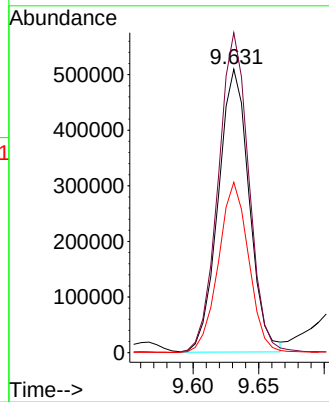
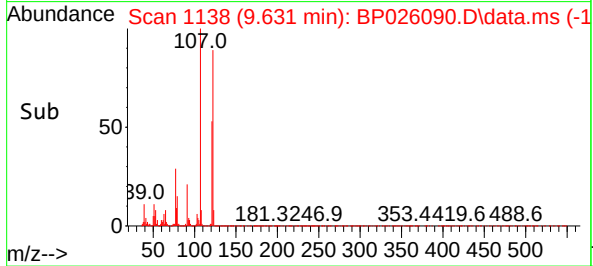
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 122 Resp: 837296
Ion Ratio Lower Upper
122 100
107 112.9 89.2 133.8
121 60.1 46.3 69.5

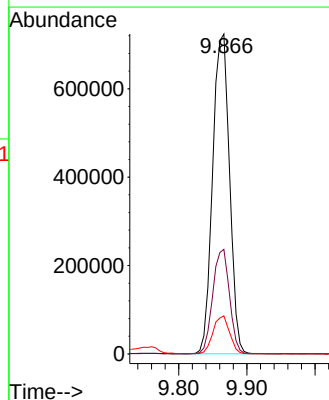
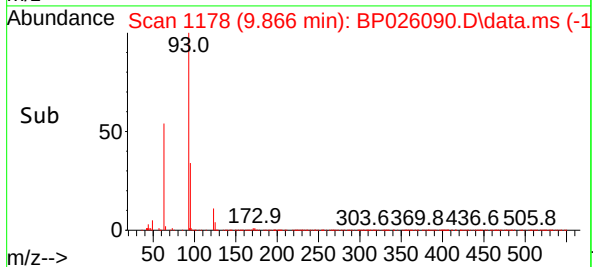
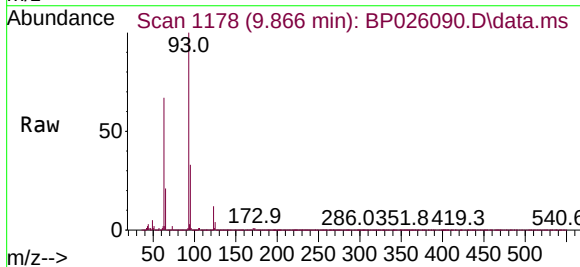
Manual Integrations
APPROVED

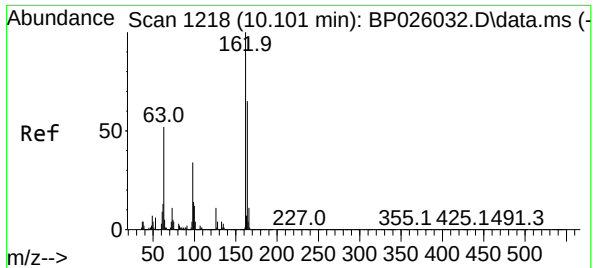
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 41.126 ng
RT: 9.866 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

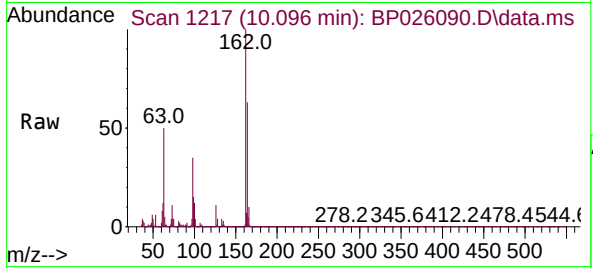
Tgt Ion: 93 Resp: 1240129
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.6
123 11.9 9.3 13.9





#29
2,4-Dichlorophenol
Concen: 44.657 ng
RT: 10.096 min Scan# 1217
Delta R.T. 0.001 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

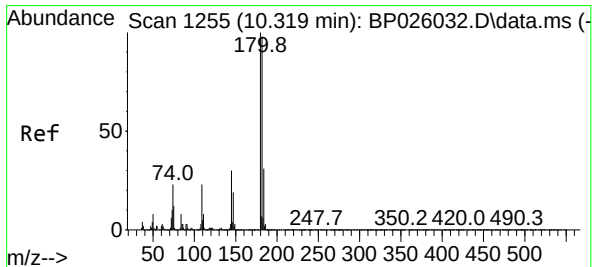
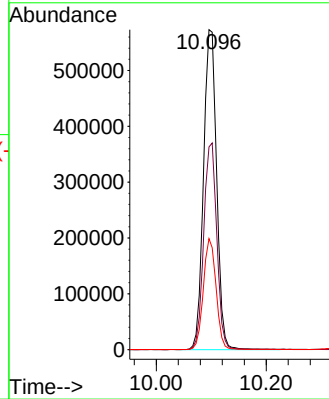
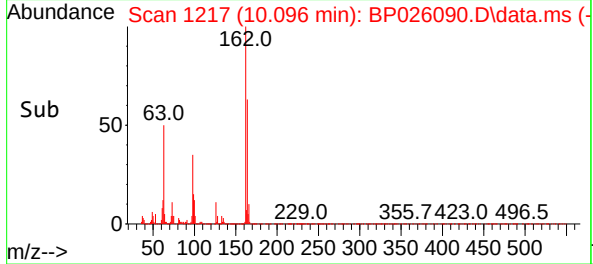
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 948733
Ion Ratio Lower Upper
162 100
164 63.3 44.6 84.6
98 34.7 14.0 54.0

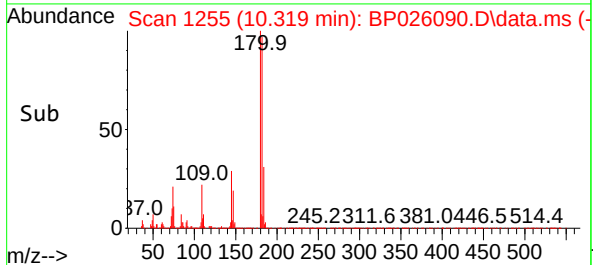
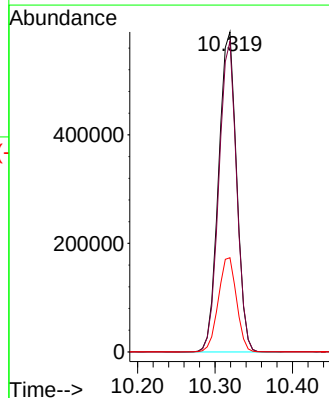
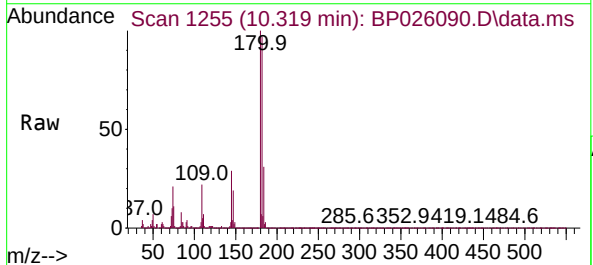
Manual Integrations
APPROVED

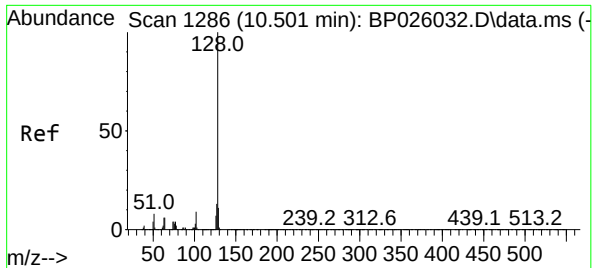
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#30
1,2,4-Trichlorobenzene
Concen: 41.249 ng
RT: 10.319 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

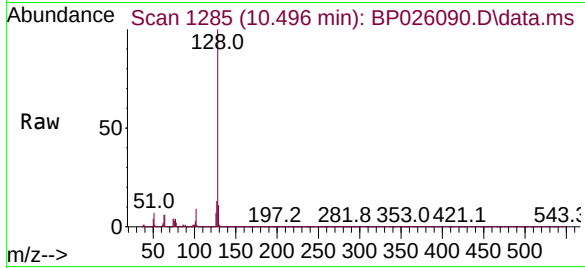
Tgt Ion:180 Resp: 952499
Ion Ratio Lower Upper
180 100
182 97.0 78.6 117.8
145 29.4 24.2 36.4





#31
Naphthalene
Concen: 40.360 ng
RT: 10.496 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

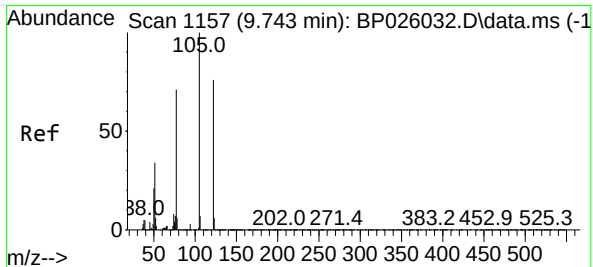
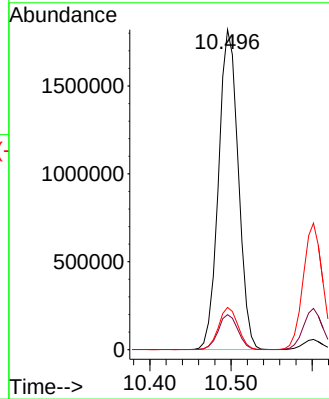
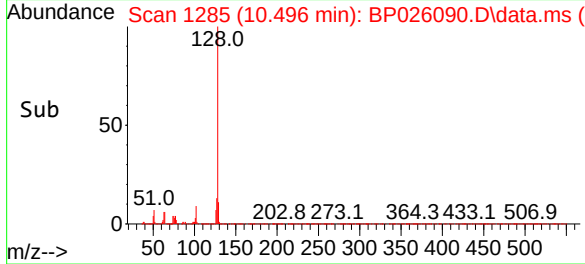
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 3067065
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.5 15.7

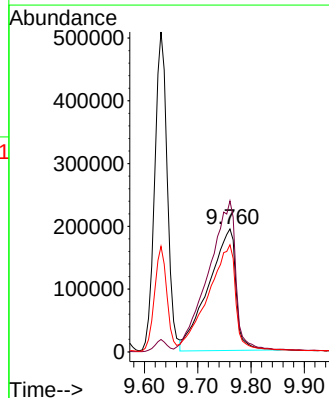
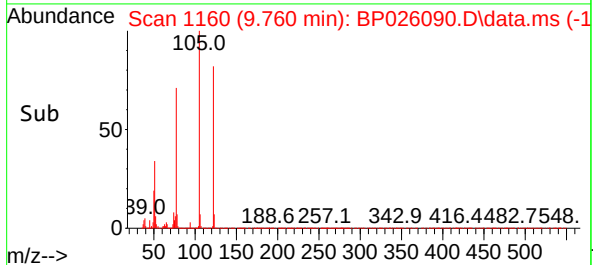
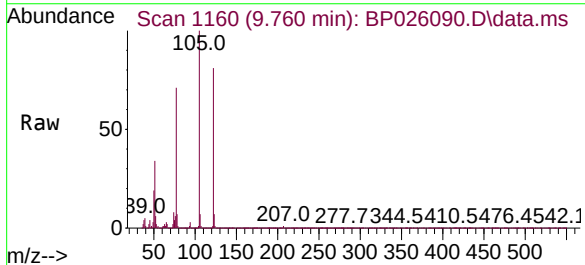
Manual Integrations
APPROVED

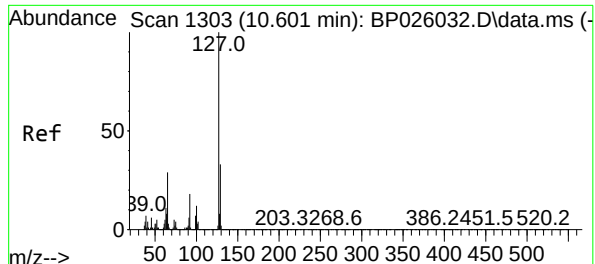
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#32
Benzoic acid
Concen: 54.588 ng
RT: 9.760 min Scan# 1160
Delta R.T. -0.018 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:122 Resp: 698320
Ion Ratio Lower Upper
122 100
105 122.8 104.8 144.8
77 87.2 70.9 110.9





#33

4-Chloroaniline

Concen: 41.010 ng

RT: 10.602 min Scan# 1303

Delta R.T. 0.007 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 1197576

Ion Ratio Lower Upper

127 100

129 32.6 26.0 39.0

65 28.0 23.2 34.8

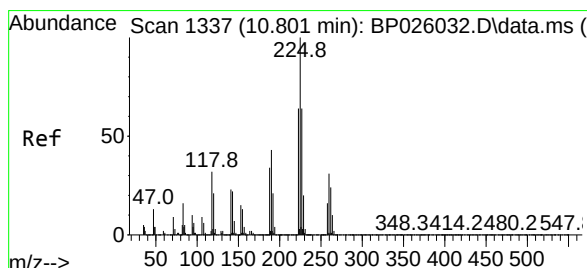
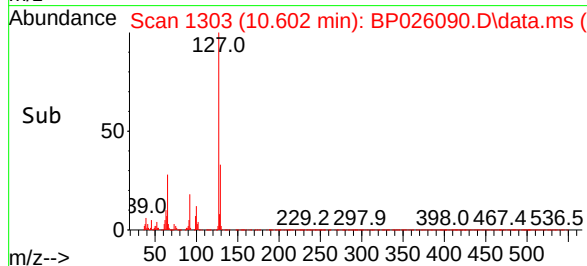
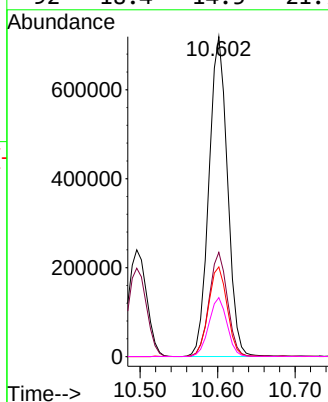
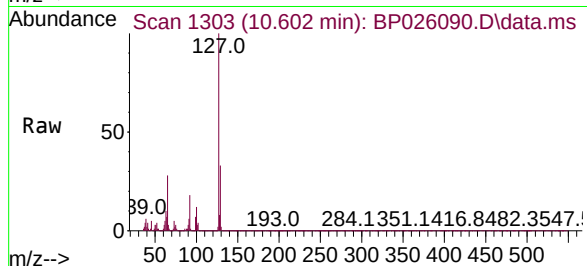
92 18.4 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/12/2025

Supervised By :Jagrut Upadhyay 11/12/2025



#34

Hexachlorobutadiene

Concen: 42.335 ng

RT: 10.790 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

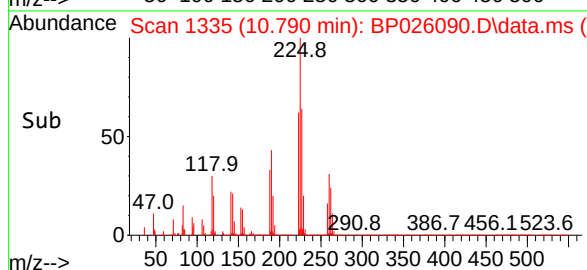
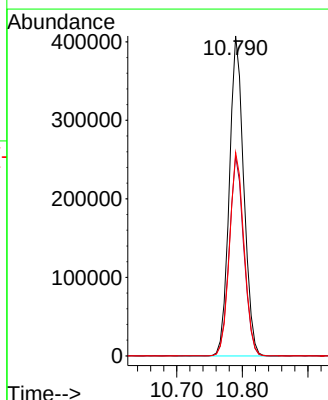
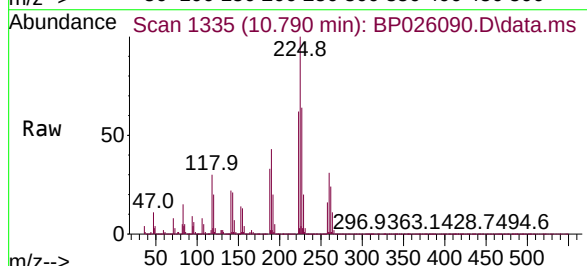
Tgt Ion:225 Resp: 621227

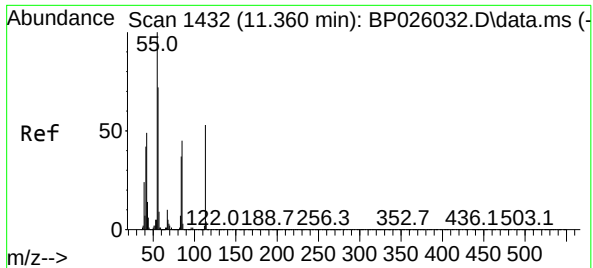
Ion Ratio Lower Upper

225 100

223 62.5 50.9 76.3

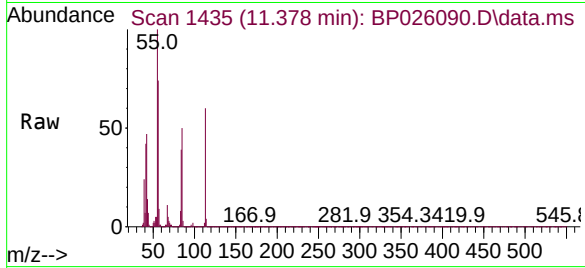
227 63.6 51.0 76.4





#35
Caprolactam
Concen: 43.839 ng
RT: 11.378 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

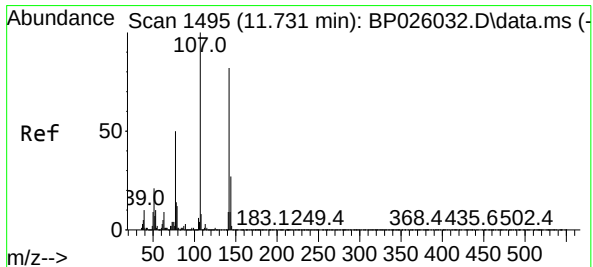
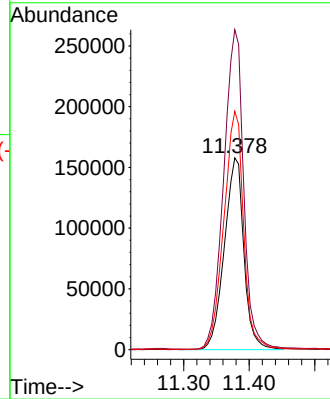
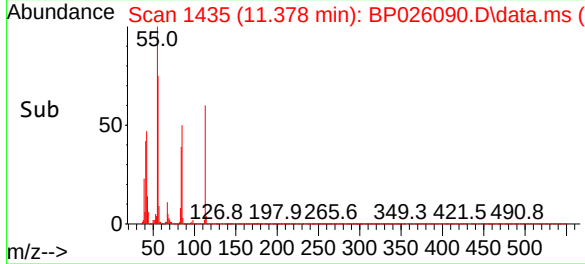
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 327062
Ion Ratio Lower Upper
113 100
55 166.8 169.9 209.9
56 124.3 116.7 156.7

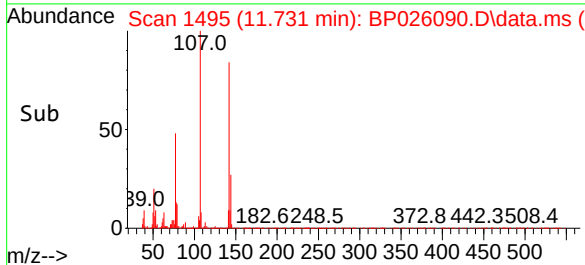
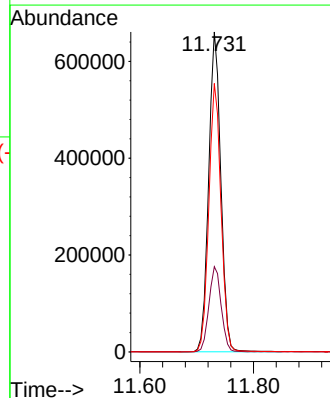
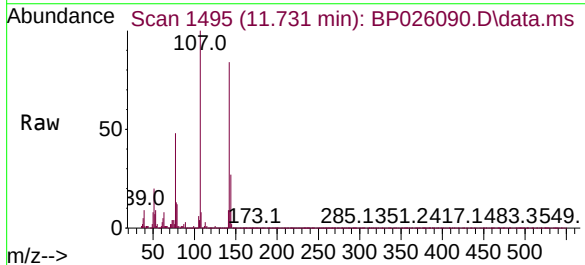
Manual Integrations
APPROVED

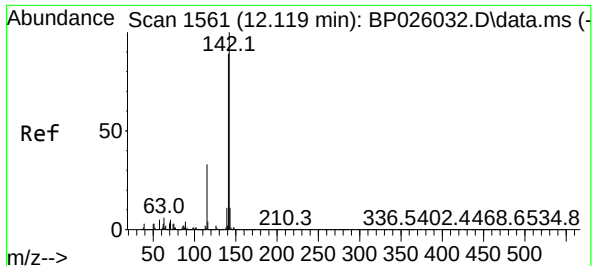
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#36
4-Chloro-3-methylphenol
Concen: 44.198 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

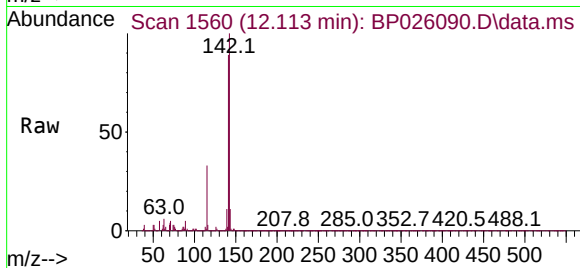
Tgt Ion:107 Resp: 984333
Ion Ratio Lower Upper
107 100
144 26.6 21.3 31.9
142 83.9 65.2 97.8





#37
2-Methylnaphthalene
Concen: 40.916 ng
RT: 12.113 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

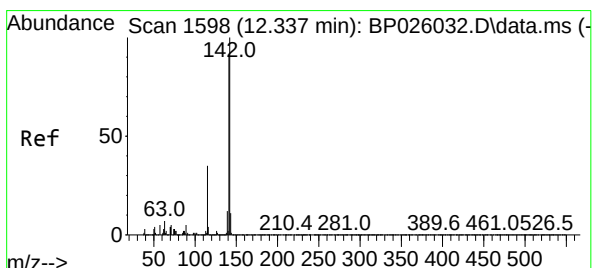
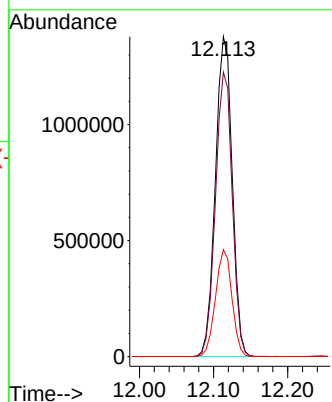
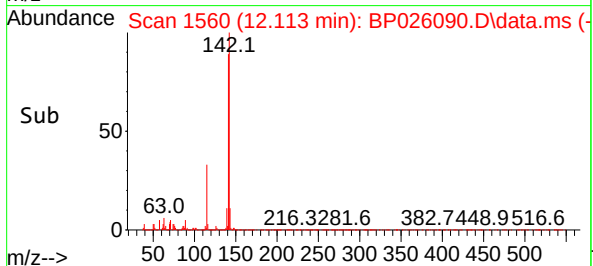
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 2176256
Ion Ratio Lower Upper
142 100
141 88.9 71.6 107.4
115 33.4 26.6 39.8

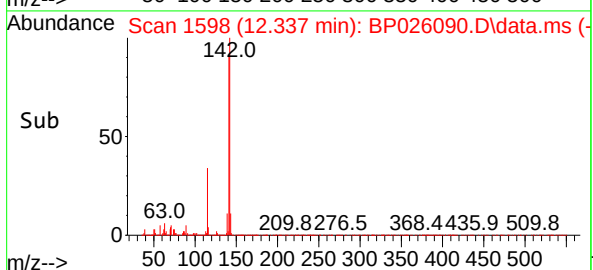
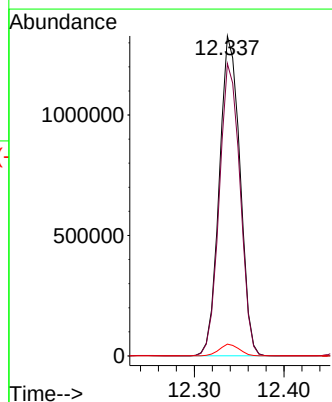
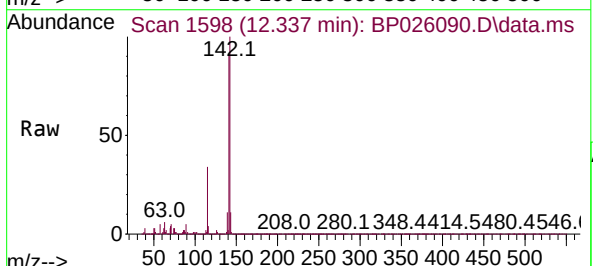
Manual Integrations
APPROVED

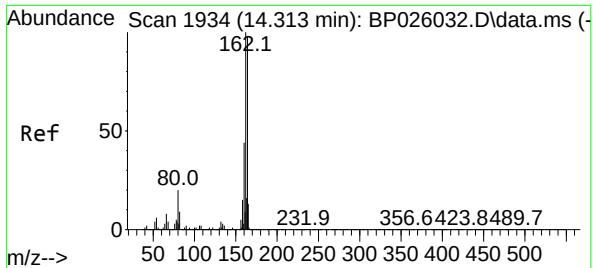
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#38
1-Methylnaphthalene
Concen: 41.153 ng
RT: 12.337 min Scan# 1598
Delta R.T. 0.001 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:142 Resp: 2126449
Ion Ratio Lower Upper
142 100
141 91.3 72.7 109.1
116 3.7 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:164 Resp: 901803

Ion Ratio Lower Upper

164 100

162 100.7 81.5 122.3

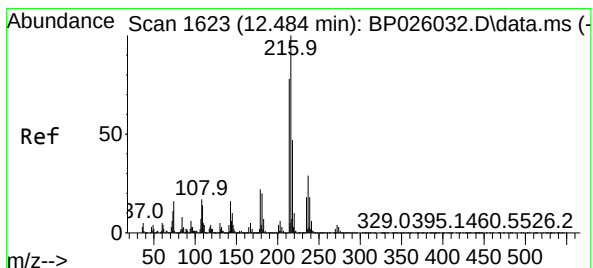
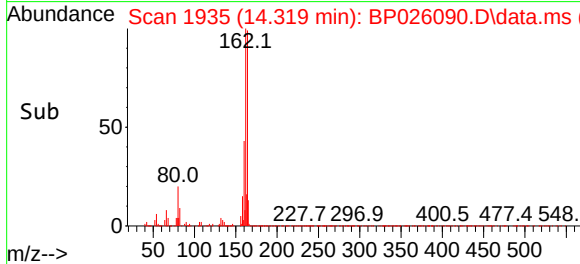
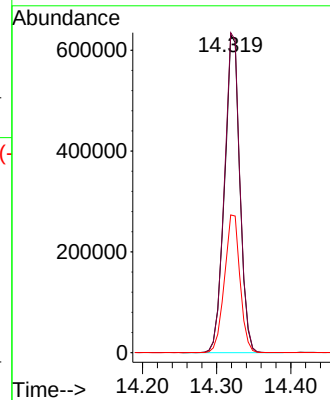
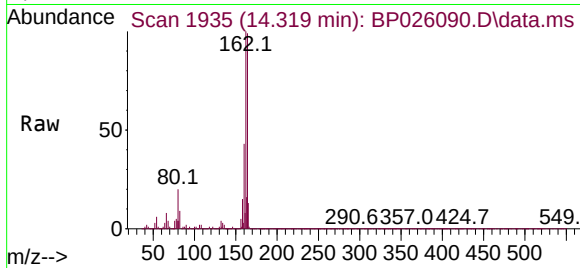
160 43.3 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/12/2025

Supervised By :Jagrut Upadhyay 11/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.090 ng

RT: 12.484 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

Tgt Ion:216 Resp: 1151353

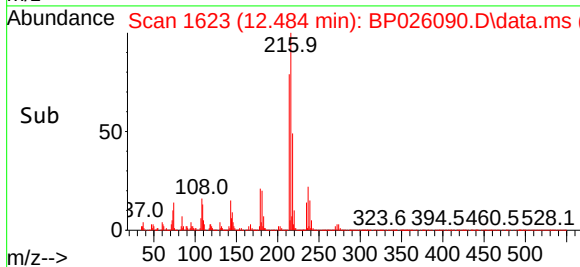
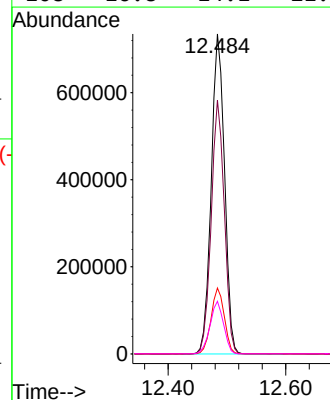
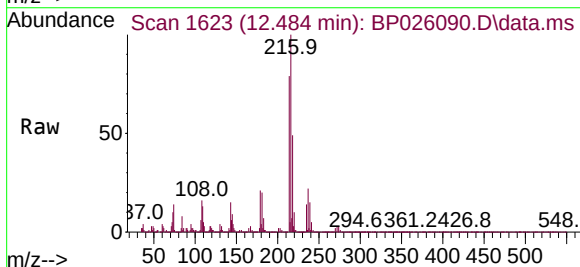
Ion Ratio Lower Upper

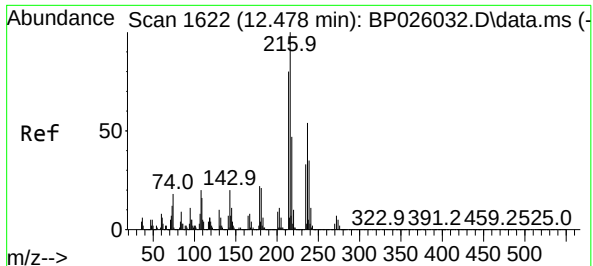
216 100

214 78.3 62.9 94.3

179 20.6 16.9 25.3

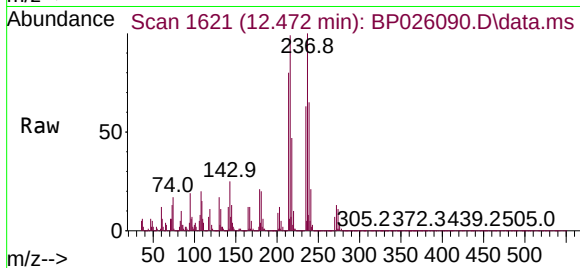
108 16.8 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 50.481 ng
RT: 12.472 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

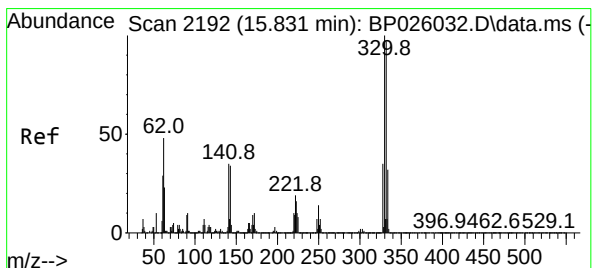
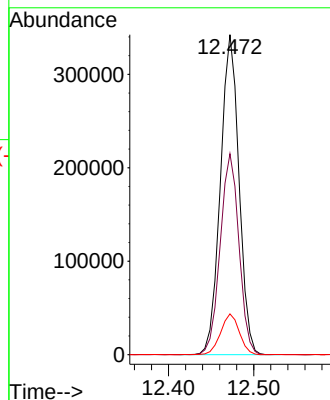
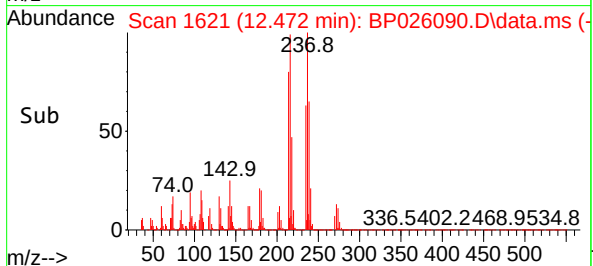
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 237 Resp: 51753
Ion Ratio Lower Upper
237 100
235 62.8 40.4 80.4
272 12.8 0.0 32.2

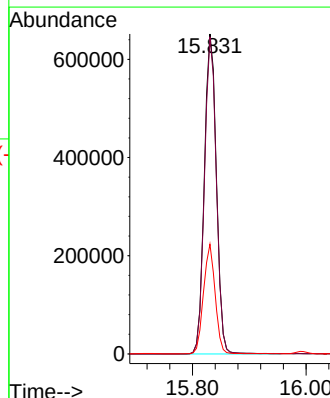
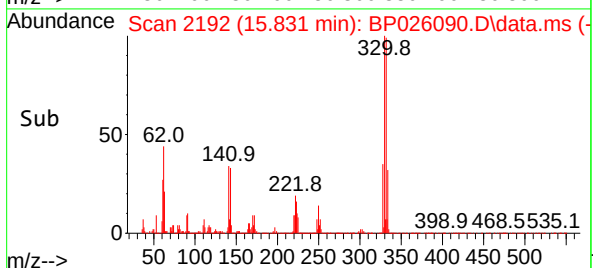
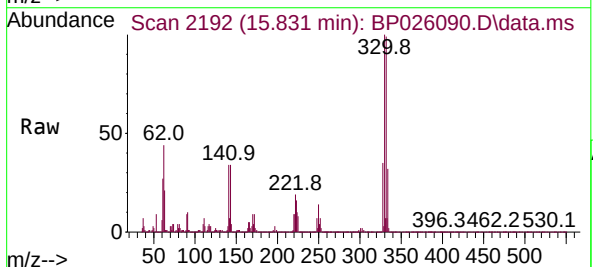
Manual Integrations
APPROVED

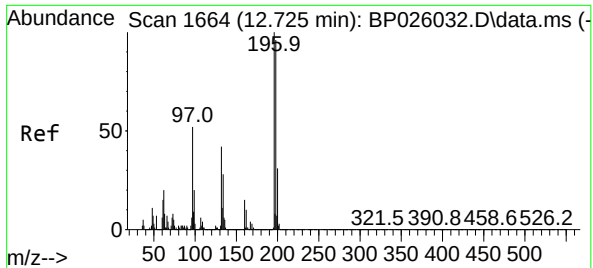
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#42
2,4,6-Tribromophenol
Concen: 98.171 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

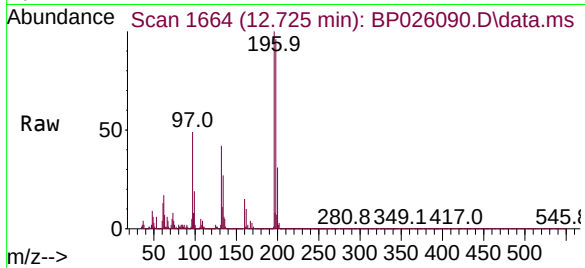
Tgt Ion: 330 Resp: 957102
Ion Ratio Lower Upper
330 100
332 97.7 77.3 115.9
141 33.0 28.6 42.8





#43
2,4,6-Trichlorophenol
Concen: 47.235 ng
RT: 12.725 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

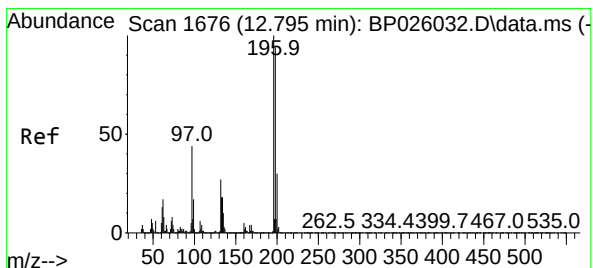
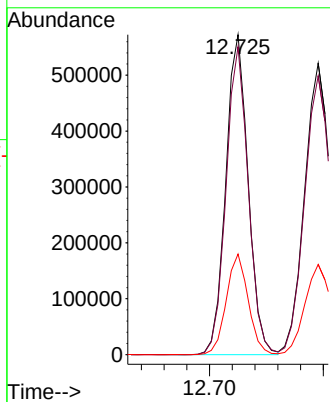
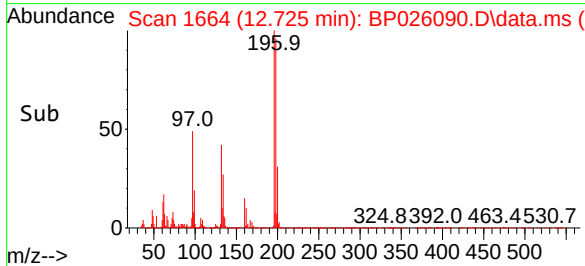
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



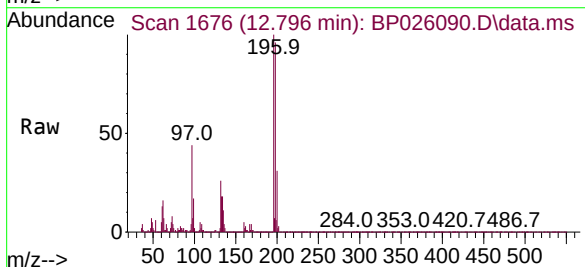
Tgt Ion:196 Resp: 782317
Ion Ratio Lower Upper
196 100
198 96.2 76.5 114.7
200 31.4 24.4 36.6

Manual Integrations
APPROVED

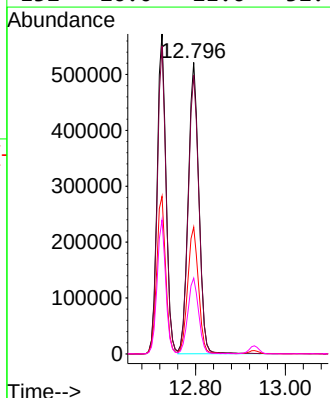
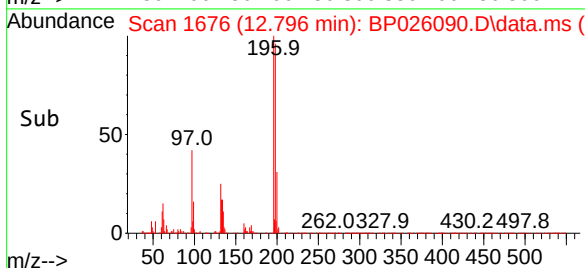
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

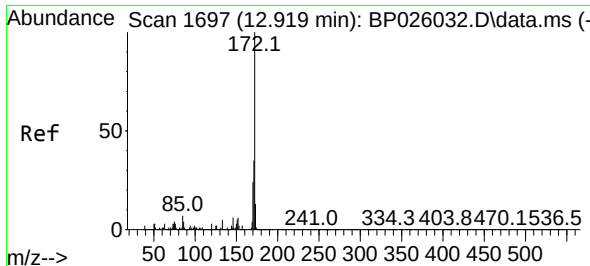


#44
2,4,5-Trichlorophenol
Concen: 45.287 ng
RT: 12.796 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44



Tgt Ion:196 Resp: 855853
Ion Ratio Lower Upper
196 100
198 95.7 75.1 112.7
97 43.5 35.5 53.3
132 26.0 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 79.332 ng

RT: 12.931 min Scan# 1699

Delta R.T. -0.000 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 4978842

Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

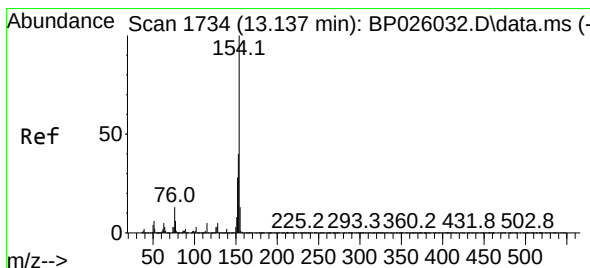
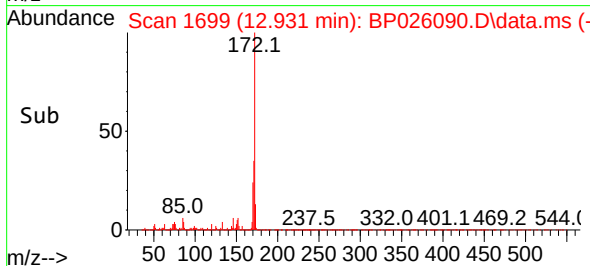
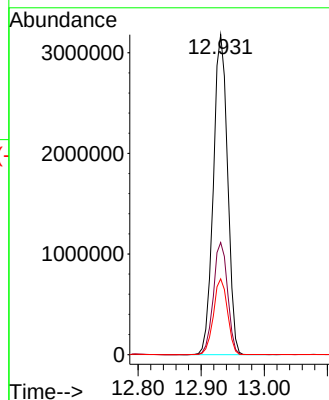
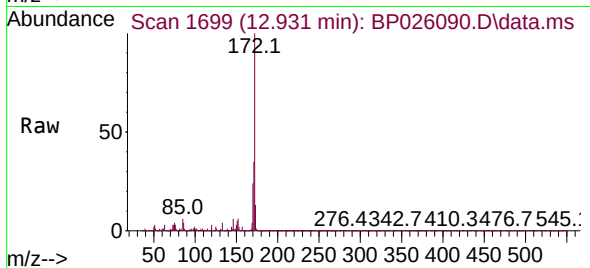
170 23.7 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/12/2025

Supervised By :Jagrut Upadhyay 11/12/2025



#46

1,1'-Biphenyl

Concen: 39.810 ng

RT: 13.137 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

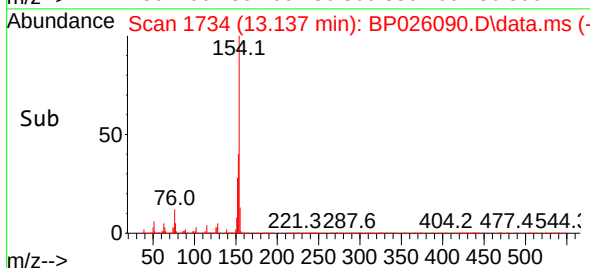
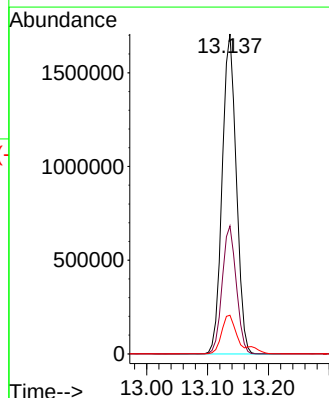
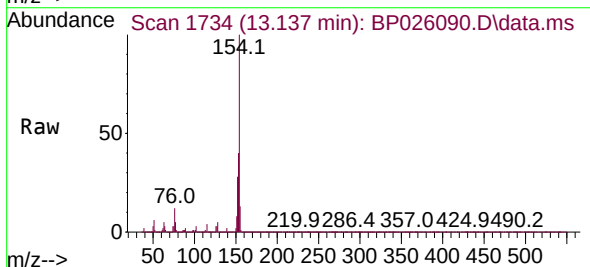
Tgt Ion:154 Resp: 2748920

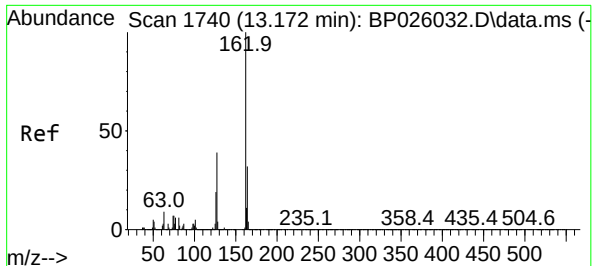
Ion Ratio Lower Upper

154 100

153 40.0 20.2 60.2

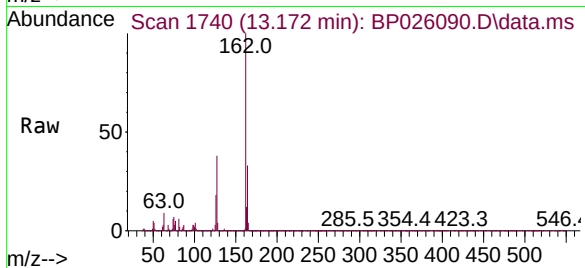
76 12.1 0.0 32.8





#47
2-Chloronaphthalene
Concen: 40.123 ng
RT: 13.172 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

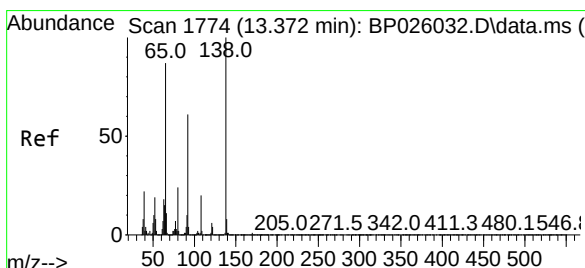
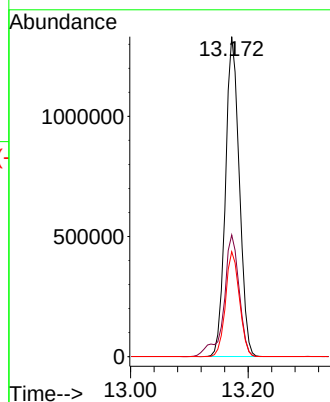
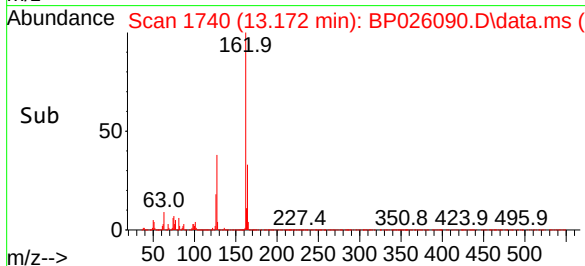
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



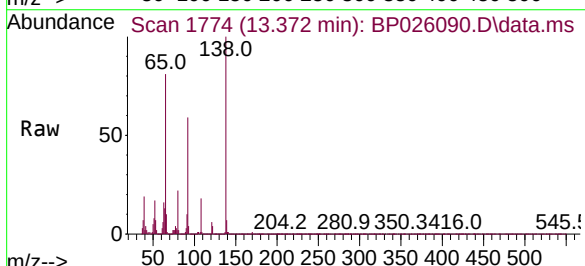
Tgt Ion:162 Resp: 2179869
Ion Ratio Lower Upper
162 100
127 38.1 31.4 47.2
164 32.8 25.9 38.9

Manual Integrations
APPROVED

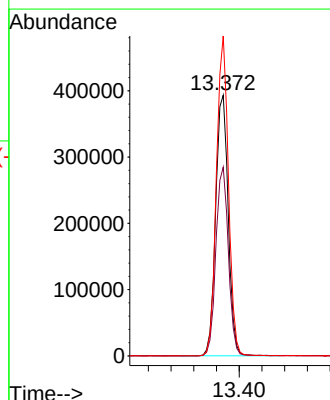
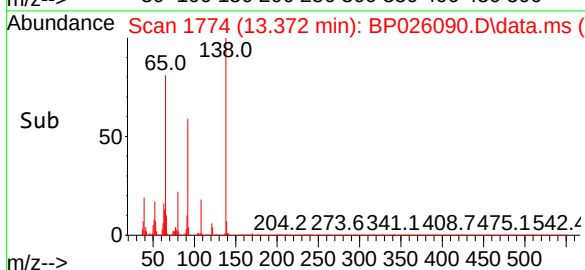
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

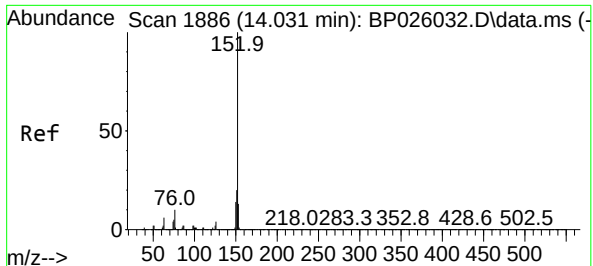


#48
2-Nitroaniline
Concen: 43.326 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44



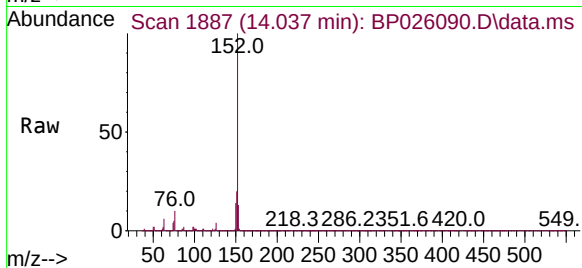
Tgt Ion: 65 Resp: 601547
Ion Ratio Lower Upper
65 100
92 72.4 55.5 83.3
138 122.7 91.7 137.5





#49
Acenaphthylene
Concen: 40.165 ng
RT: 14.037 min Scan# 1886
Delta R.T. 0.001 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

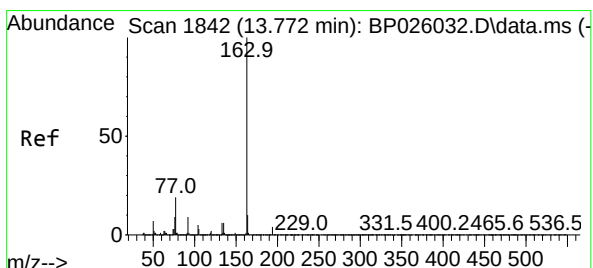
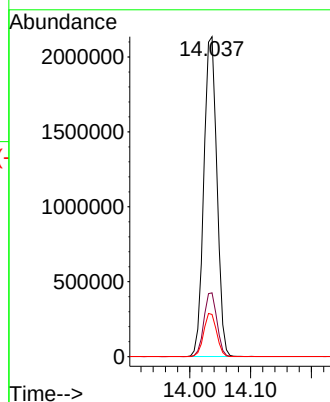
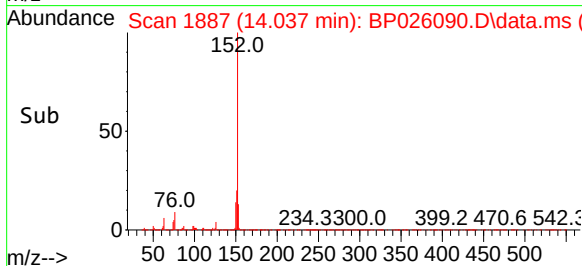
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



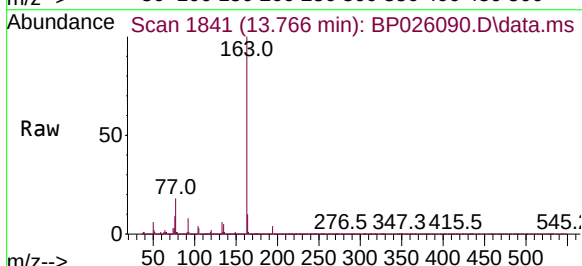
Tgt Ion:152 Resp: 318047
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.2 10.6 16.0

Manual Integrations
APPROVED

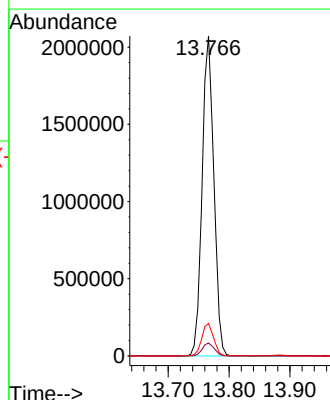
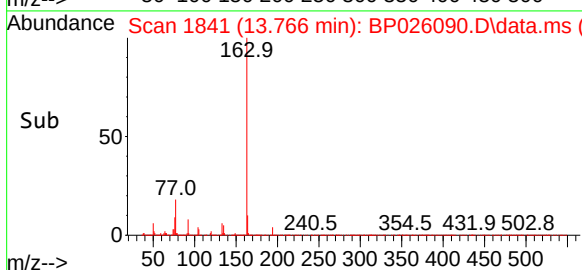
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

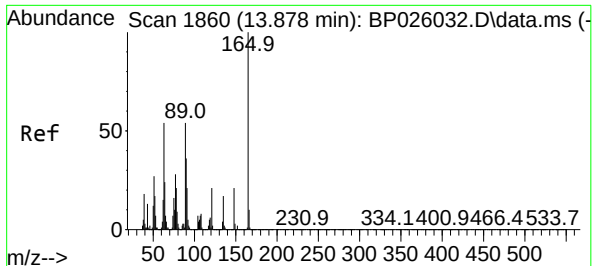


#50
Dimethylphthalate
Concen: 42.043 ng
RT: 13.766 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44



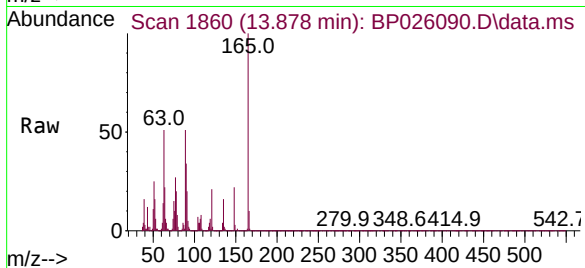
Tgt Ion:163 Resp: 2757852
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.776 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

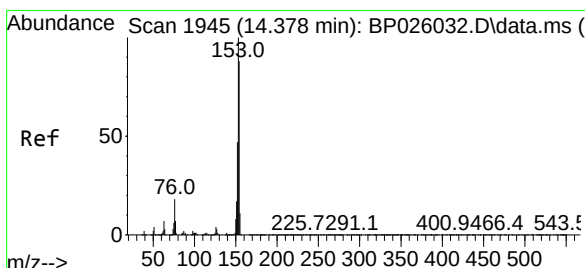
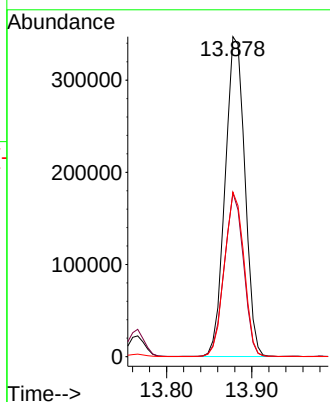
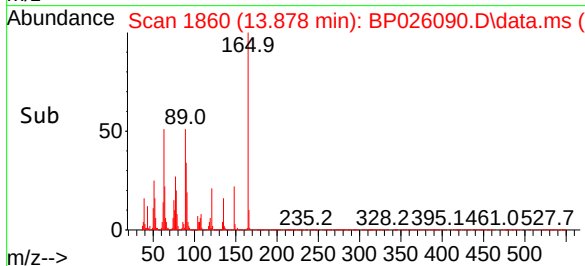
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



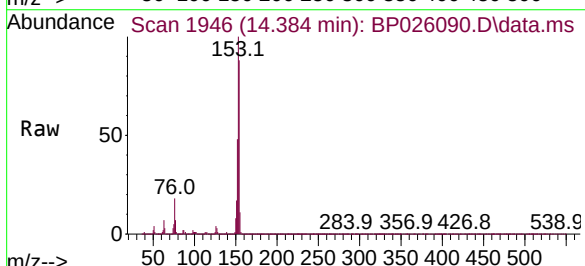
Tgt Ion:165 Resp: 558831
Ion Ratio Lower Upper
165 100
63 51.1 43.0 64.4
89 51.4 43.0 64.4

Manual Integrations
APPROVED

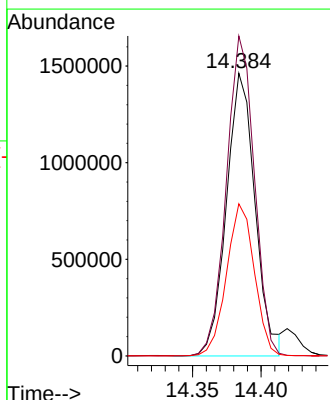
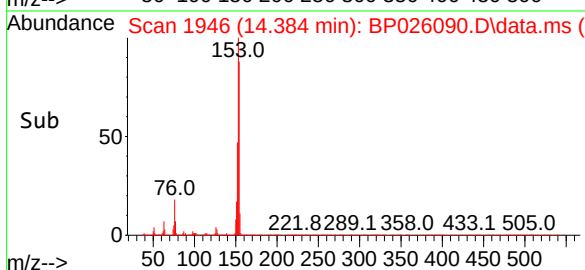
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

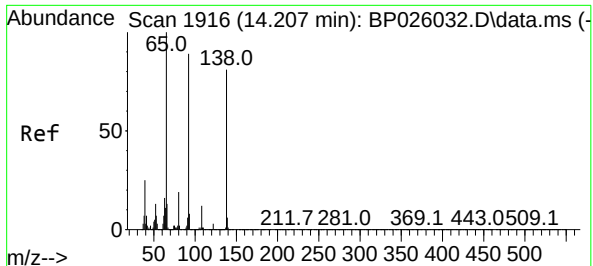


#52
Acenaphthene
Concen: 39.144 ng m
RT: 14.384 min Scan# 1946
Delta R.T. 0.001 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44



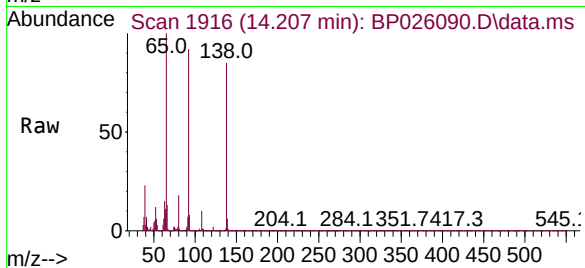
Tgt Ion:154 Resp: 2127933
Ion Ratio Lower Upper
154 100
153 113.2 91.0 136.4
152 53.8 42.7 64.1





#53
3-Nitroaniline
Concen: 44.027 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

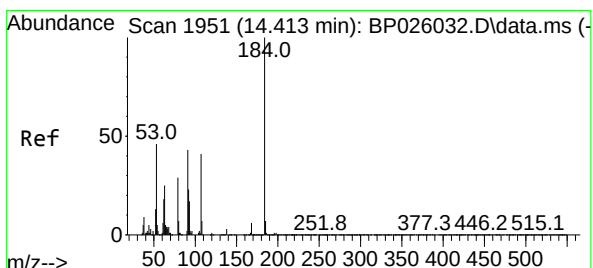
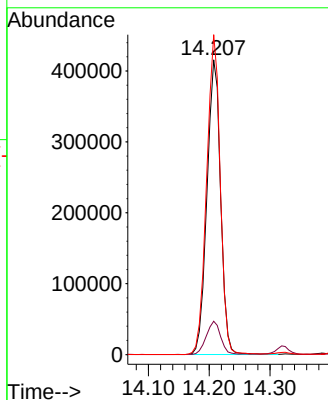
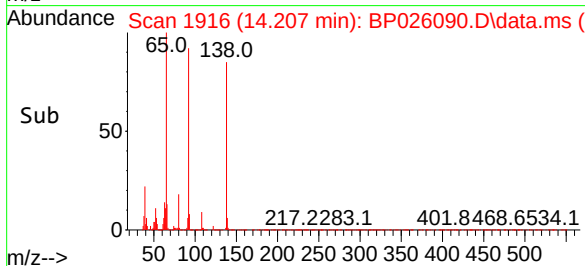
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 647221
Ion Ratio Lower Upper
138 100
108 11.3 11.4 17.0
92 108.6 87.1 130.7

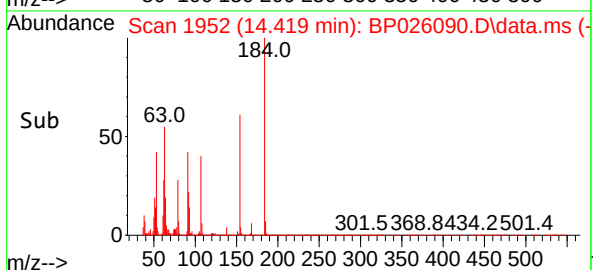
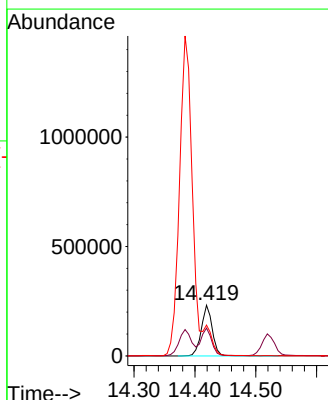
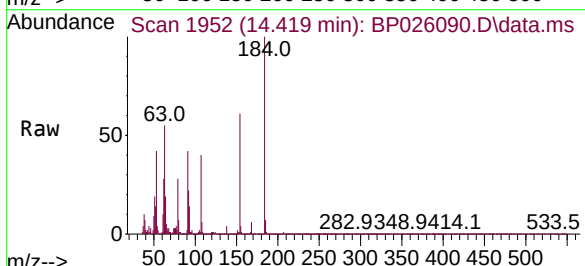
Manual Integrations
APPROVED

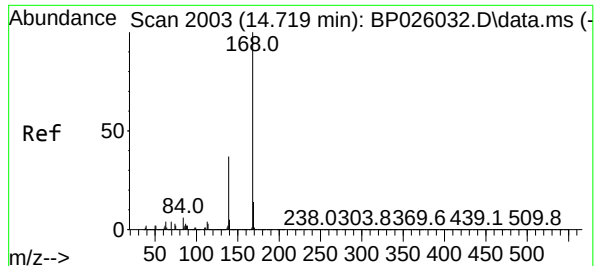
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#54
2,4-Dinitrophenol
Concen: 57.180 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:184 Resp: 287441
Ion Ratio Lower Upper
184 100
63 54.9 49.0 73.4
154 60.8 51.0 76.6





#55

Dibenzenofuran

Concen: 39.905 ng

RT: 14.725 min Scan# 2003

Delta R.T. -0.000 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:168 Resp: 327747

Ion Ratio Lower Upper

168 100

139 36.2 29.7 44.5

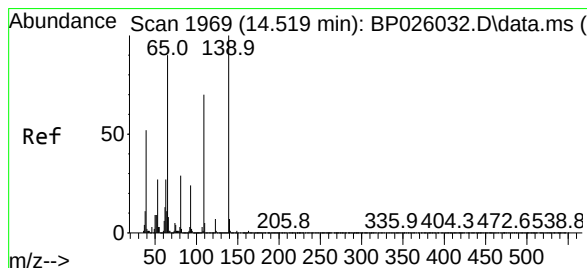
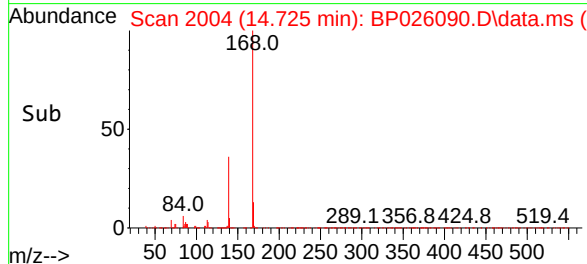
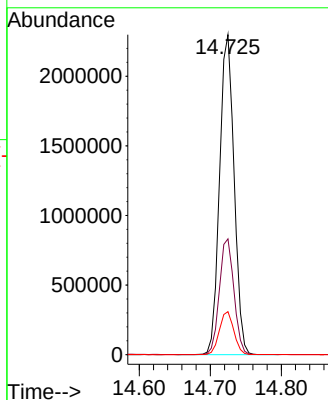
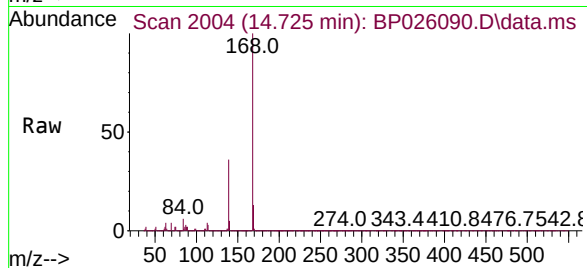
169 13.4 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/12/2025

Supervised By :Jagrut Upadhyay 11/12/2025



#56

4-Nitrophenol

Concen: 43.674 ng

RT: 14.519 min Scan# 1969

Delta R.T. -0.000 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

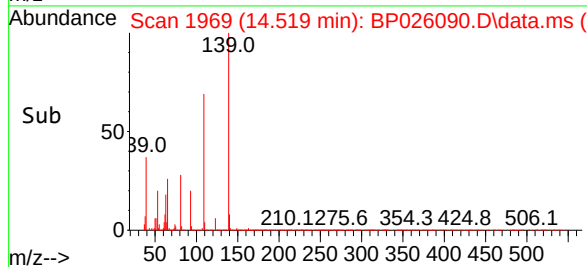
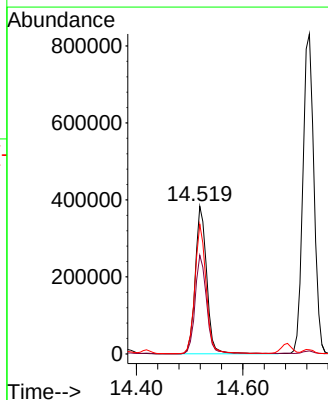
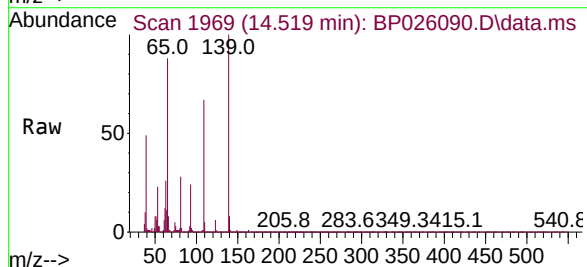
Tgt Ion:139 Resp: 571265

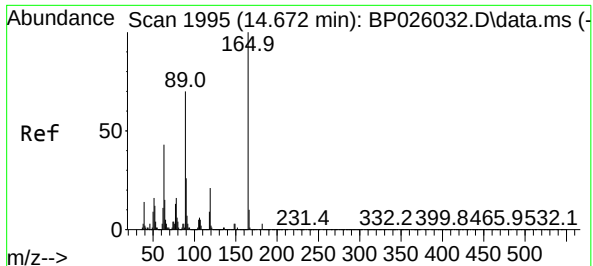
Ion Ratio Lower Upper

139 100

109 66.9 50.0 90.0

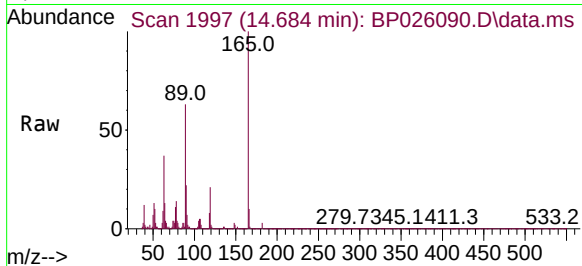
65 87.9 69.6 109.6





#57
2,4-Dinitrotoluene
Concen: 46.152 ng
RT: 14.684 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

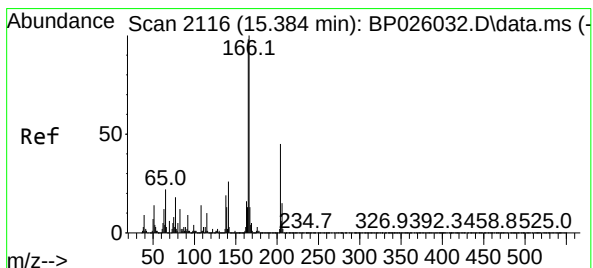
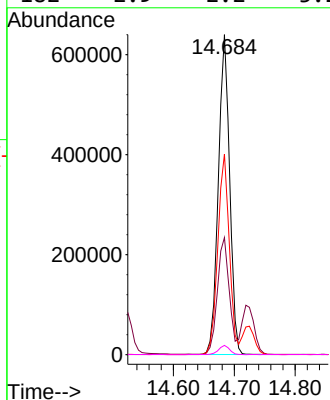
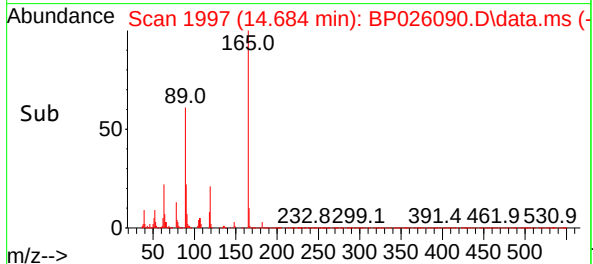
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 828100
Ion Ratio Lower Upper
165 100
63 36.6 34.2 51.2
89 62.7 56.0 84.0
182 2.9 2.2 3.2

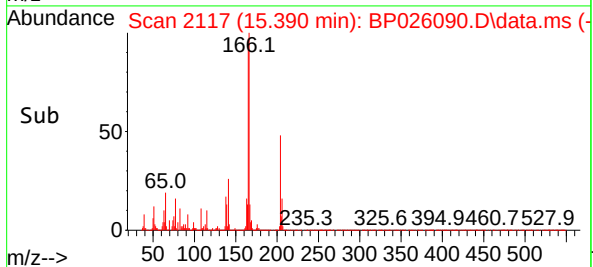
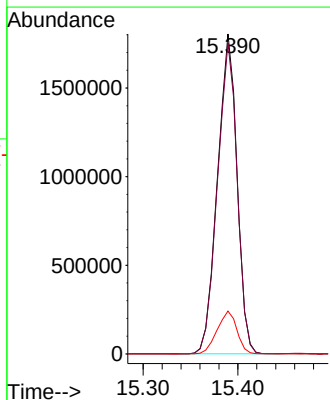
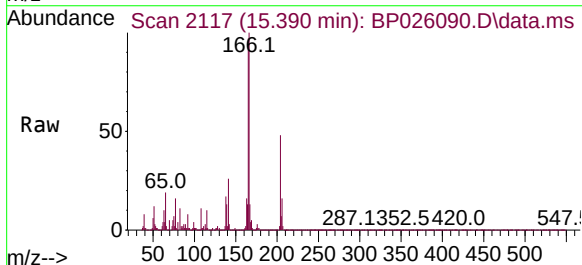
Manual Integrations
APPROVED

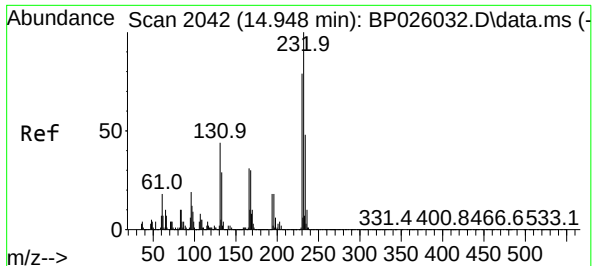
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#58
Fluorene
Concen: 40.133 ng
RT: 15.390 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

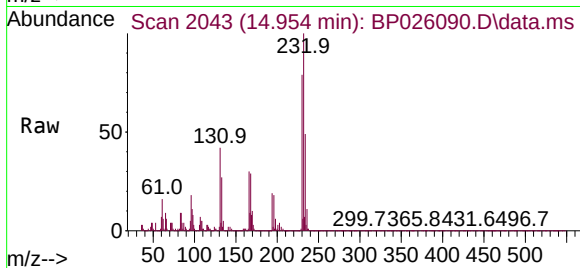
Tgt Ion:166 Resp: 2582379
Ion Ratio Lower Upper
166 100
165 97.2 78.1 117.1
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.467 ng
RT: 14.954 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

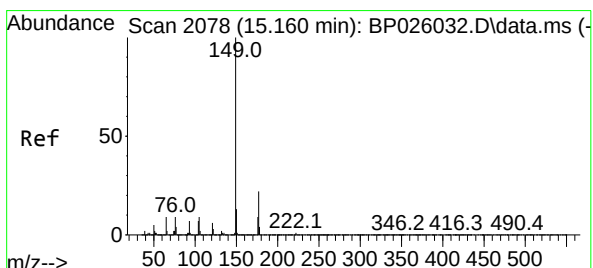
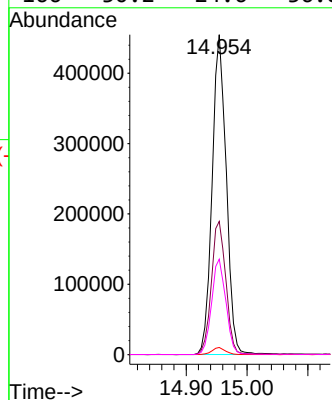
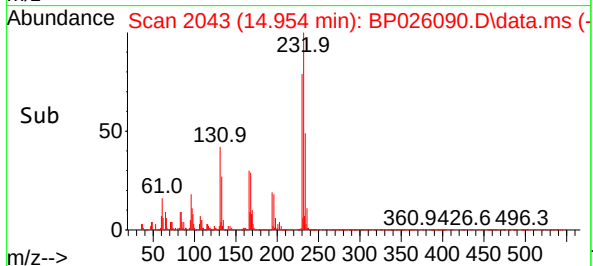
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 735031
Ion Ratio Lower Upper
232 100
131 42.7 35.2 52.8
130 2.1 1.7 2.5
166 30.2 24.6 36.8

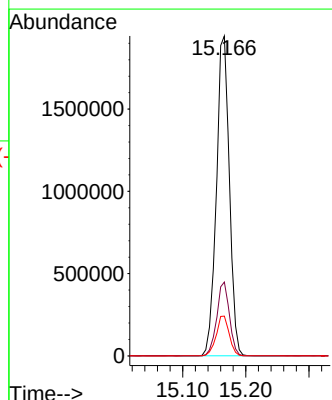
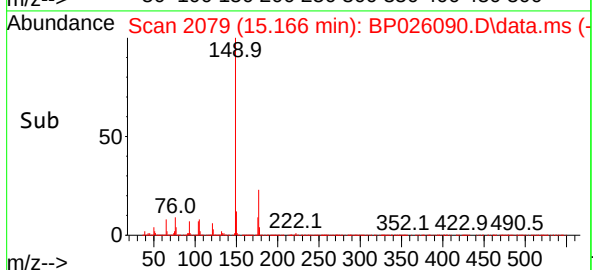
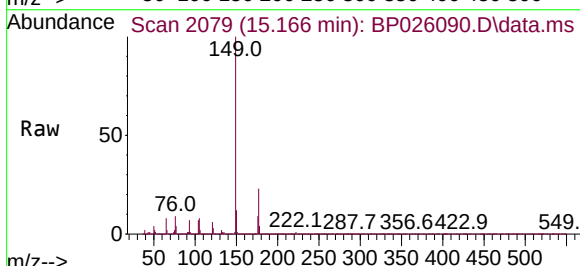
Manual Integrations
APPROVED

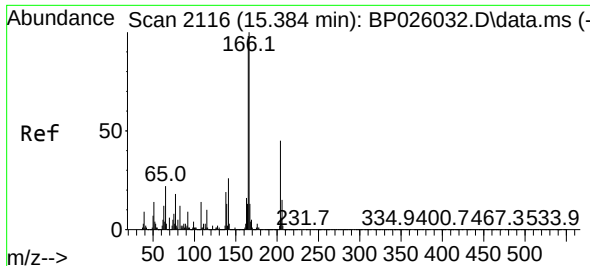
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#60
Diethylphthalate
Concen: 42.006 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

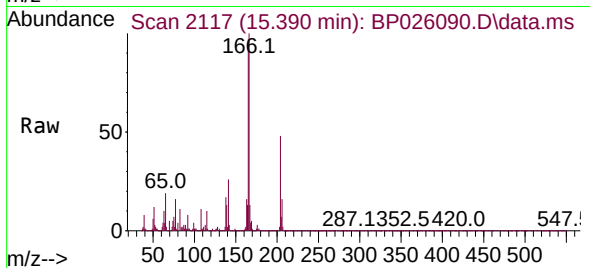
Tgt Ion:149 Resp: 2770115
Ion Ratio Lower Upper
149 100
177 23.1 17.9 26.9
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.194 ng
RT: 15.390 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

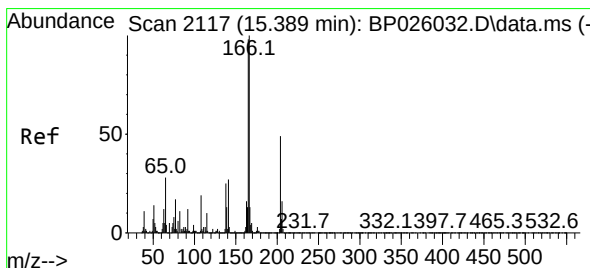
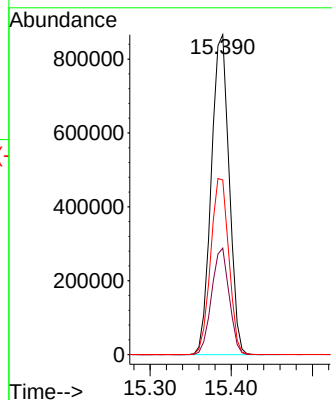
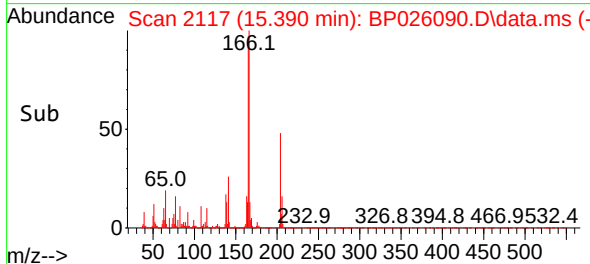
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 1323676
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 54.6 47.0 70.4

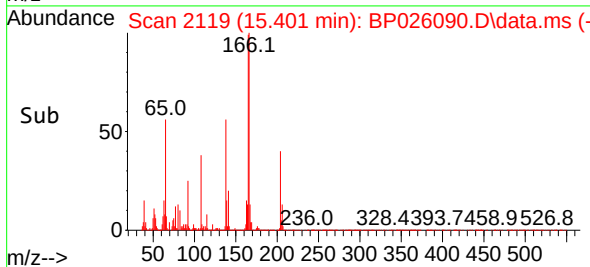
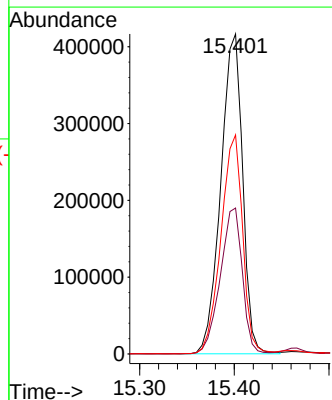
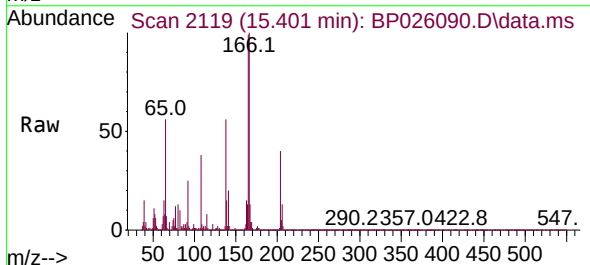
Manual Integrations
APPROVED

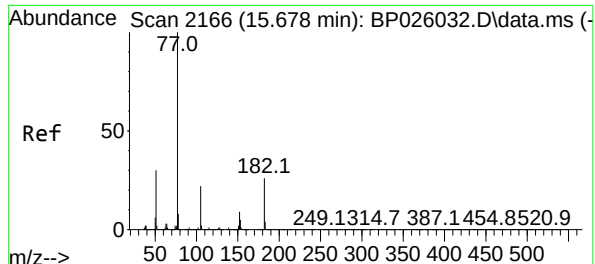
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#62
4-Nitroaniline
Concen: 47.592 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

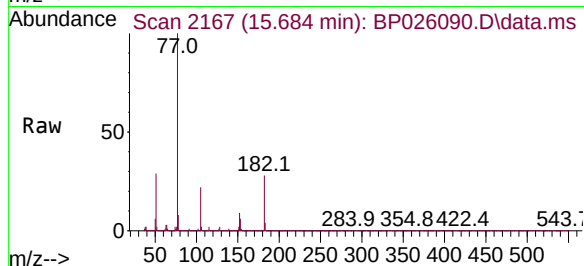
Tgt Ion:138 Resp: 667090
Ion Ratio Lower Upper
138 100
92 45.6 28.2 68.2
108 68.4 56.0 96.0





#63
Azobenzene
Concen: 39.349 ng
RT: 15.684 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

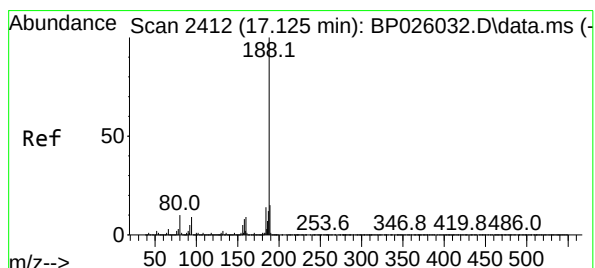
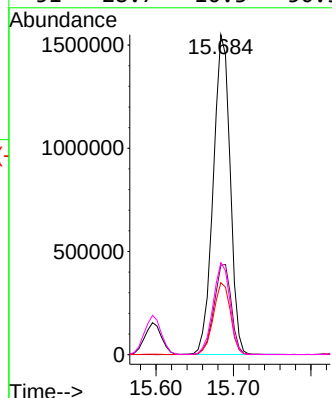
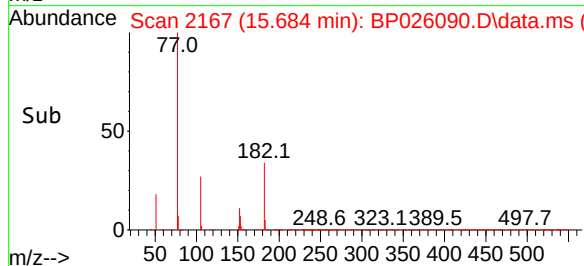
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 2351715
Ion Ratio Lower Upper
77 100
182 27.9 6.4 46.4
105 22.5 2.2 42.2
51 28.7 10.3 50.3

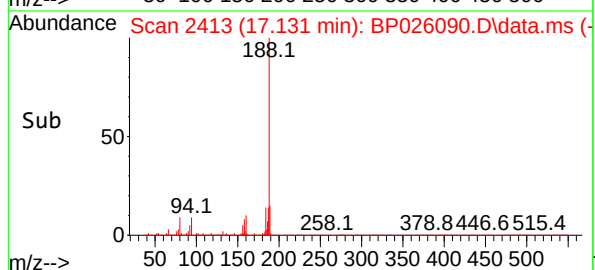
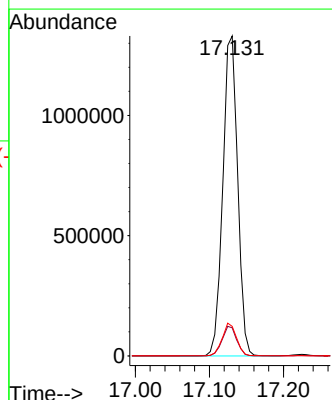
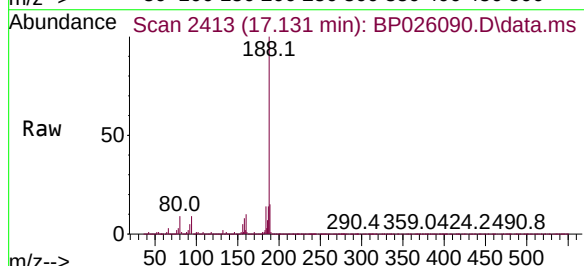
Manual Integrations
APPROVED

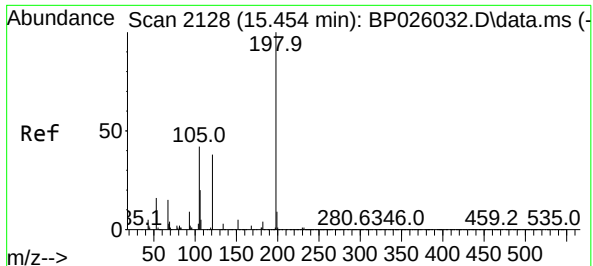
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

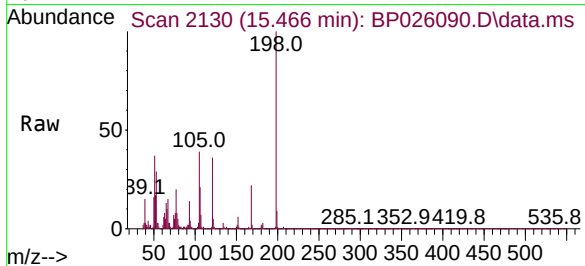
Tgt Ion:188 Resp: 1845193
Ion Ratio Lower Upper
188 100
94 8.8 7.1 10.7
80 9.2 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 54.953 ng
RT: 15.466 min Scan# 2128
Delta R.T. 0.012 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

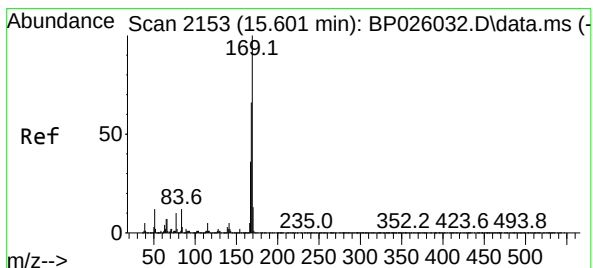
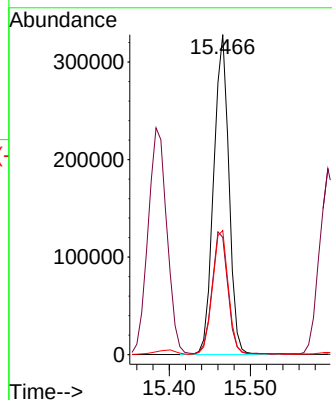
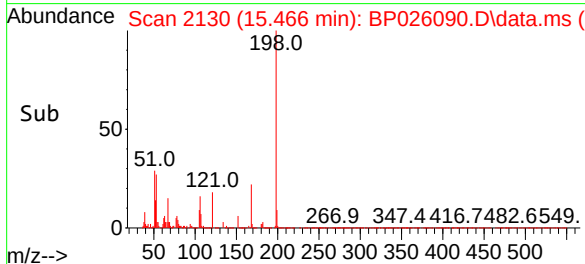
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:198 Resp: 428960
Ion Ratio Lower Upper
198 100
51 36.6 25.2 65.2
105 38.8 23.7 63.7

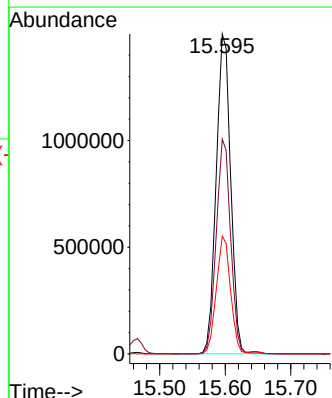
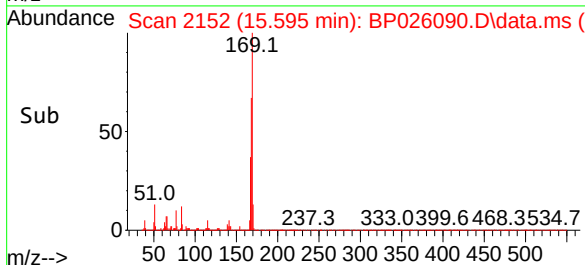
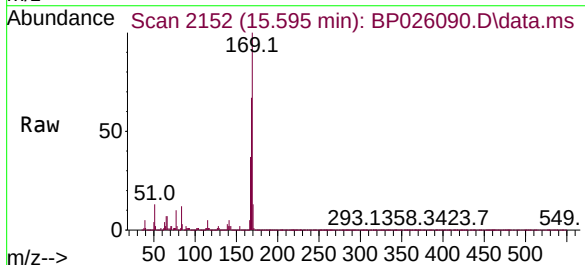
Manual Integrations
APPROVED

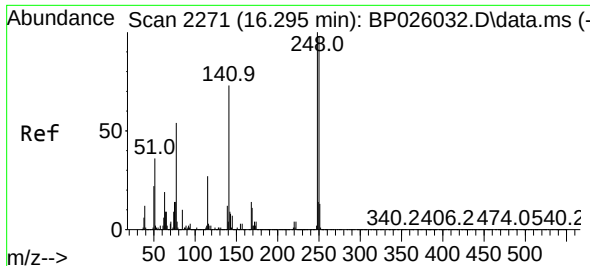
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#66
n-Nitrosodiphenylamine
Concen: 39.856 ng
RT: 15.595 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:169 Resp: 2299364
Ion Ratio Lower Upper
169 100
168 67.2 52.9 79.3
167 36.8 28.9 43.3





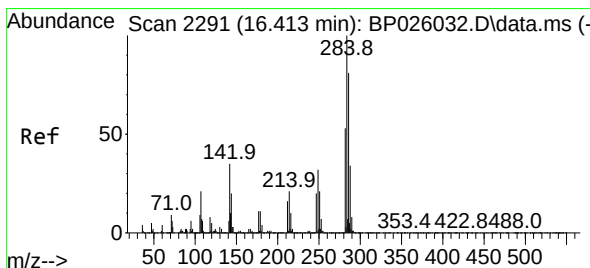
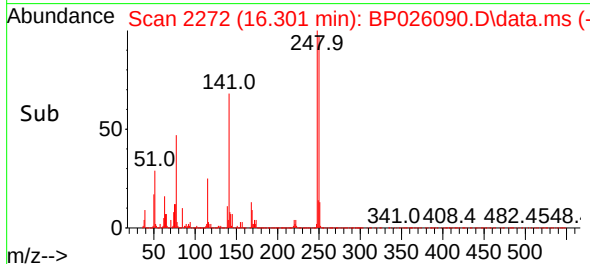
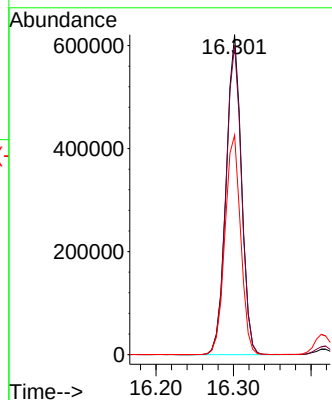
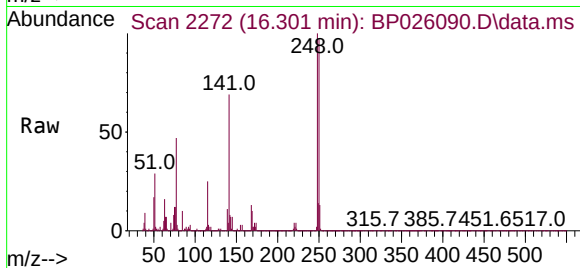
#67
4-Bromophenyl-phenylether
Concen: 41.941 ng
RT: 16.301 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 858444
Ion Ratio Lower Upper
248 100
250 96.7 78.4 117.6
141 68.6 58.3 87.5

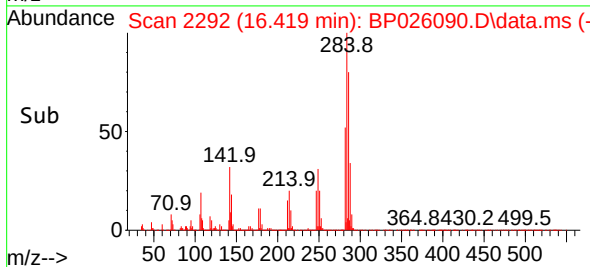
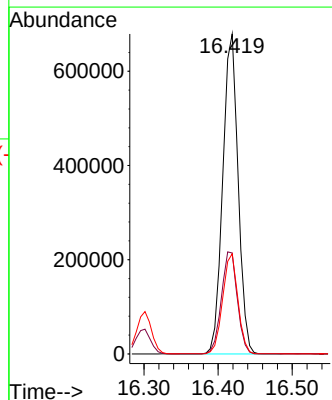
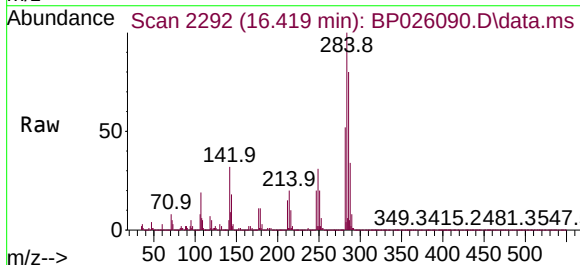
Manual Integrations
APPROVED

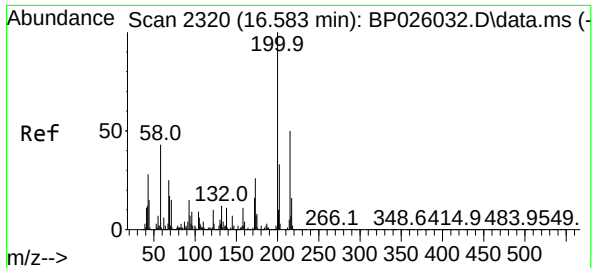
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#68
Hexachlorobenzene
Concen: 41.846 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:284 Resp: 975031
Ion Ratio Lower Upper
284 100
142 31.5 27.7 41.5
249 31.3 25.5 38.3





#69

Atrazine

Concen: 42.193 ng

RT: 16.584 min Scan# 2320

Delta R.T. 0.000 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 821166

Ion Ratio Lower Upper

200 100

173 26.3 6.2 46.2

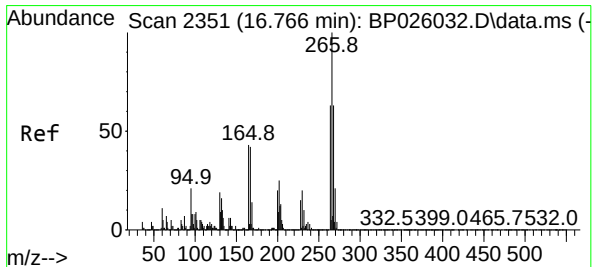
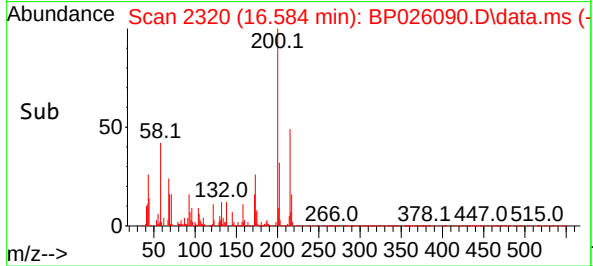
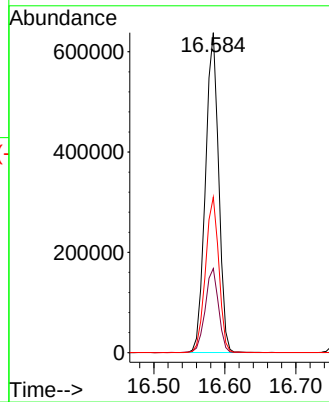
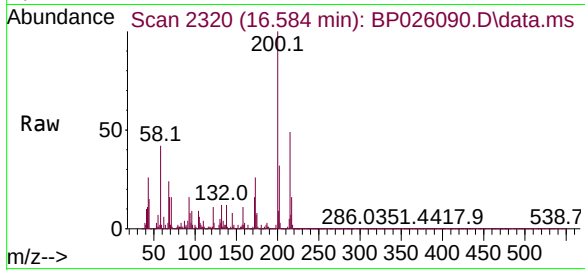
215 48.6 29.8 69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/12/2025

Supervised By :Jagrut Upadhyay 11/12/2025



#70

Pentachlorophenol

Concen: 47.080 ng

RT: 16.766 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

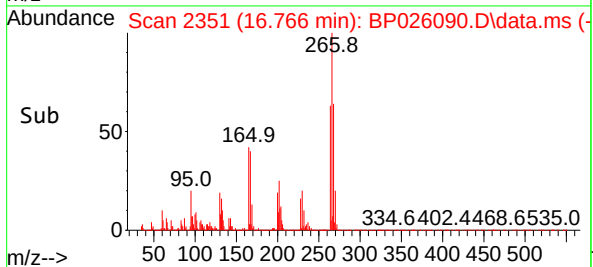
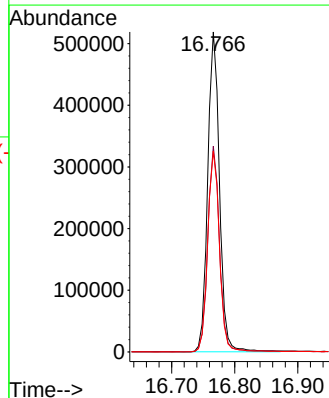
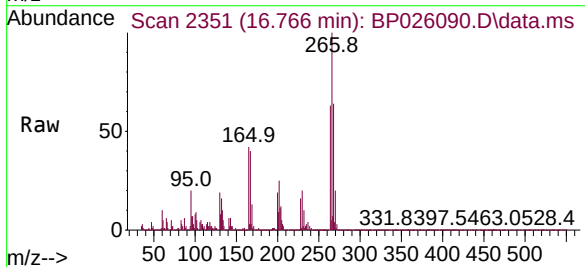
Tgt Ion:266 Resp: 670054

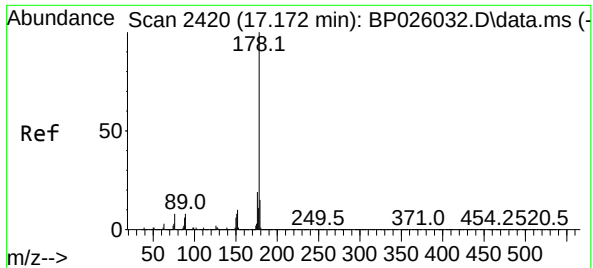
Ion Ratio Lower Upper

266 100

268 64.3 50.6 76.0

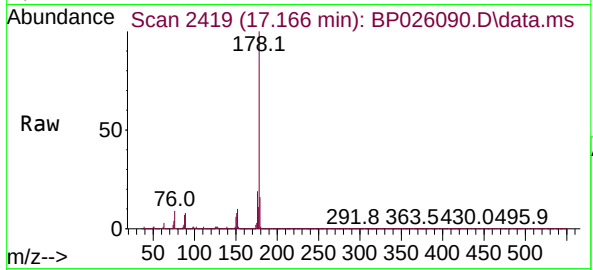
264 62.7 50.2 75.4





#71
Phenanthrene
Concen: 38.926 ng
RT: 17.166 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

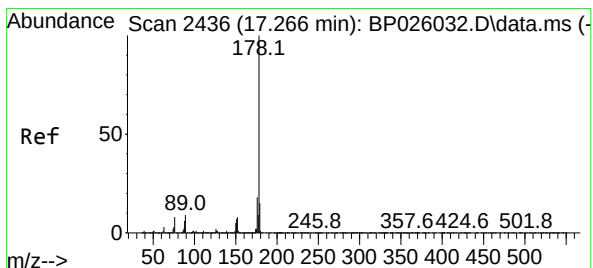
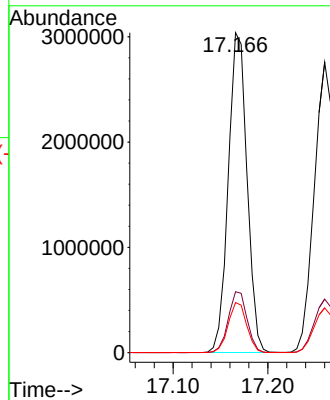
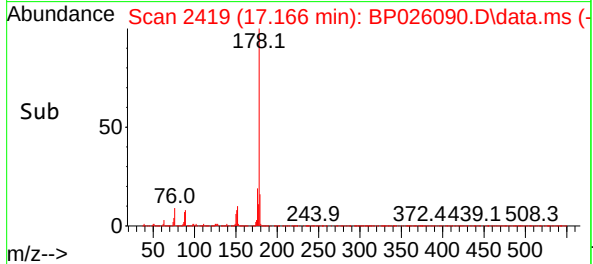
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 4180652
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.6 12.3 18.5

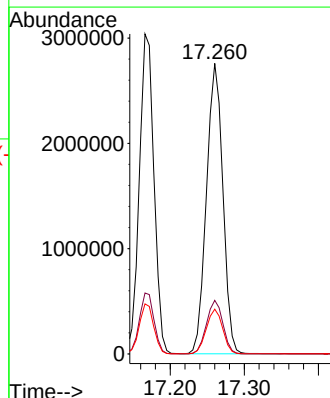
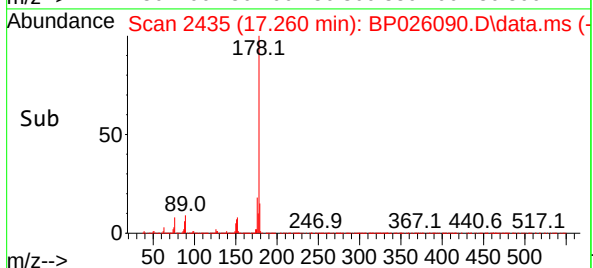
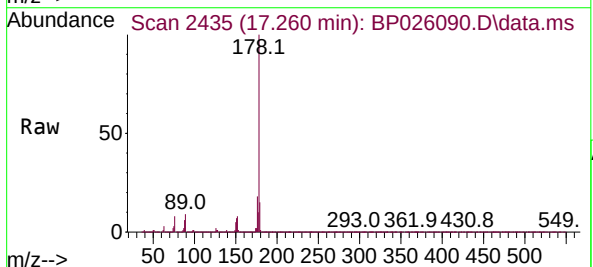
Manual Integrations
APPROVED

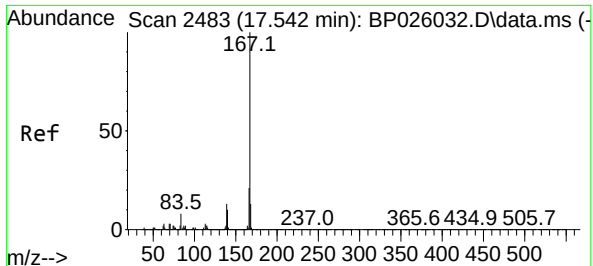
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#72
Anthracene
Concen: 39.845 ng
RT: 17.260 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

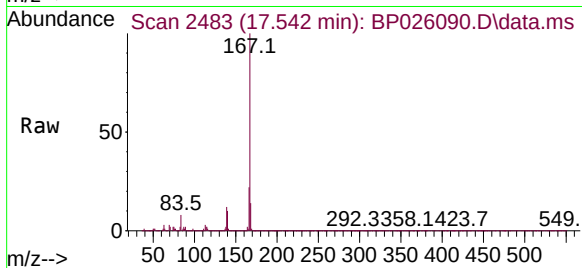
Tgt Ion:178 Resp: 4241898
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.4 12.2 18.4





#73
 Carbazole
 Concen: 40.055 ng
 RT: 17.542 min Scan# 2483
 Delta R.T. 0.006 min
 Lab File: BP026090.D
 Acq: 11 Nov 2025 14:44

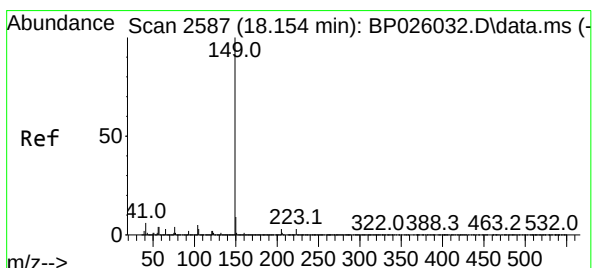
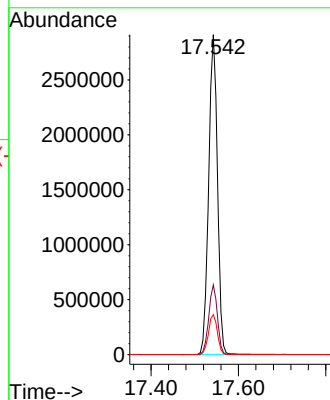
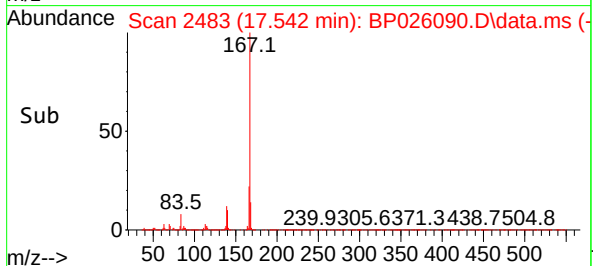
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



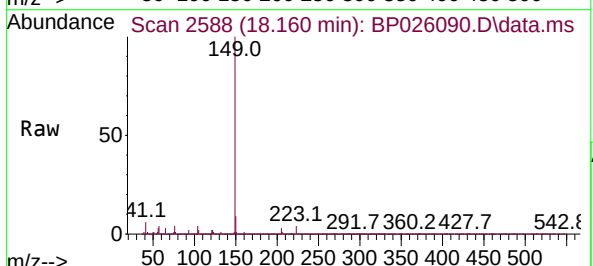
Tgt Ion:167 Resp: 4036597
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 12.5 10.2 15.2

Manual Integrations
 APPROVED

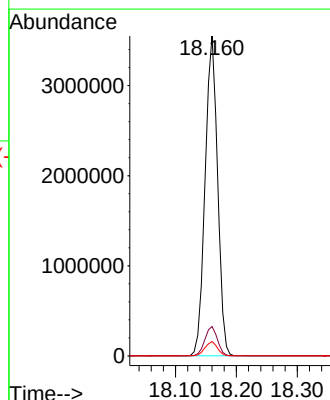
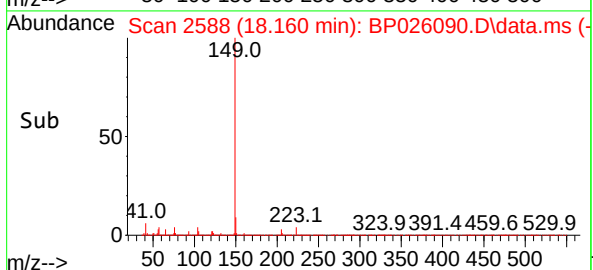
Reviewed By :Rahul Chavli 11/12/2025
 Supervised By :Jagrut Upadhyay 11/12/2025

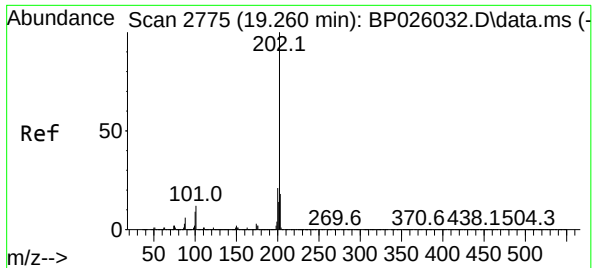


#74
 Di-n-butylphthalate
 Concen: 44.673 ng
 RT: 18.160 min Scan# 2588
 Delta R.T. 0.006 min
 Lab File: BP026090.D
 Acq: 11 Nov 2025 14:44



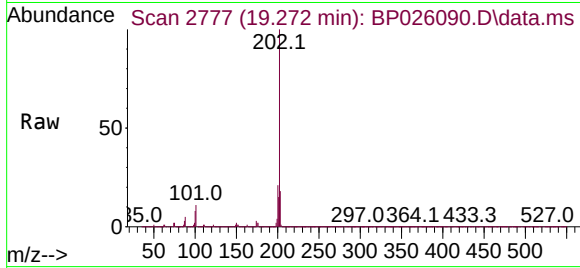
Tgt Ion:149 Resp: 5037535
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.5 3.8 5.6





#75
Fluoranthene
Concen: 40.384 ng
RT: 19.272 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

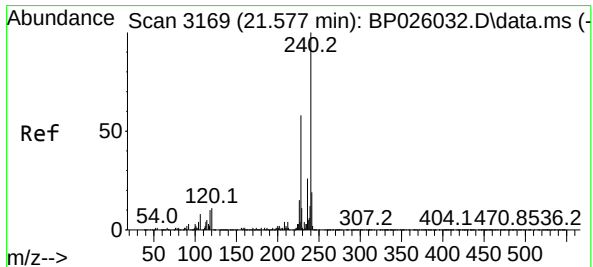
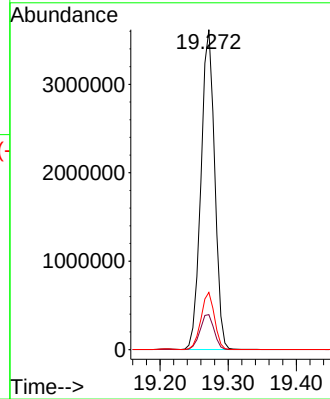
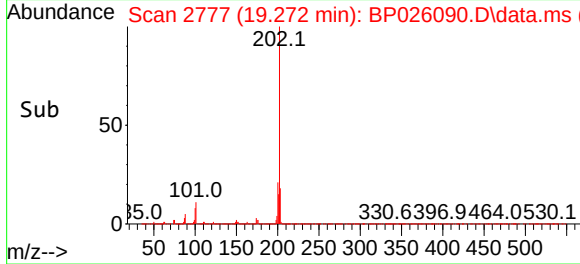
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 5059395
Ion Ratio Lower Upper
202 100
101 10.9 0.0 32.1
203 17.9 0.0 37.6

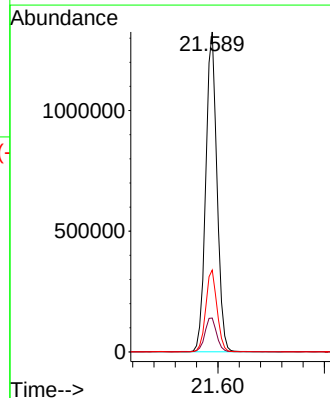
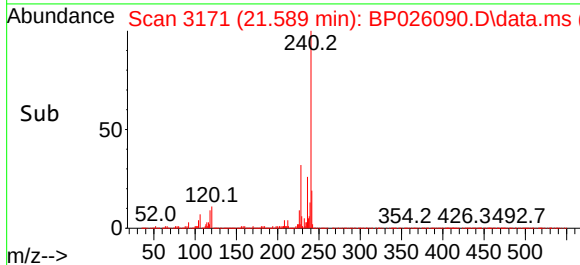
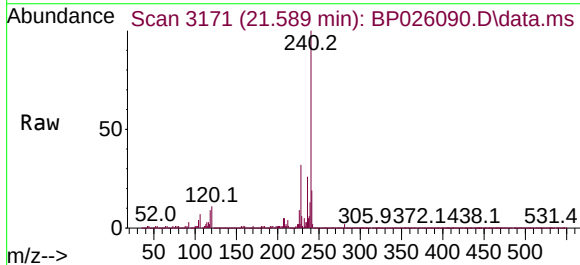
Manual Integrations
APPROVED

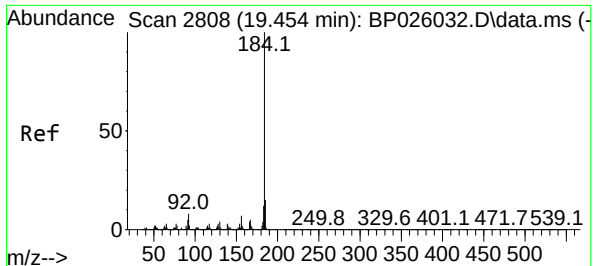
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. 0.024 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:240 Resp: 1927464
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.6 20.6 31.0





#77

Benzidine

Concen: 39.942 ng

RT: 19.466 min Scan# 2810

Delta R.T. 0.012 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 1954113

Ion Ratio Lower Upper

184 100

185 14.1 11.9 17.9

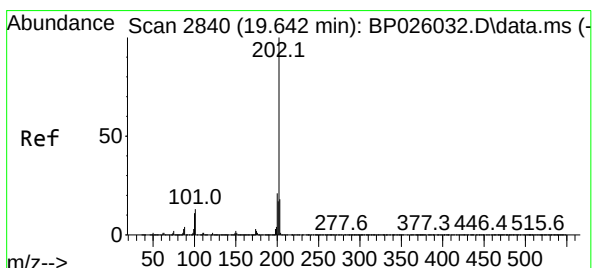
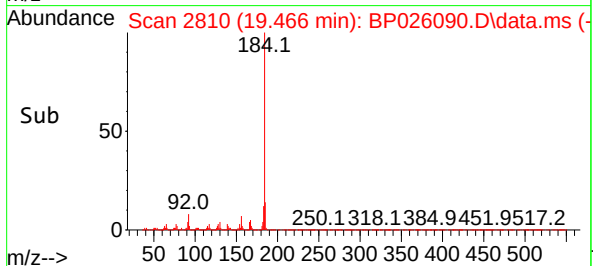
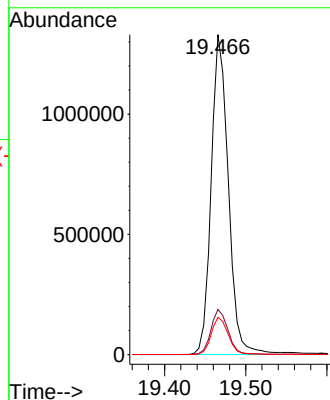
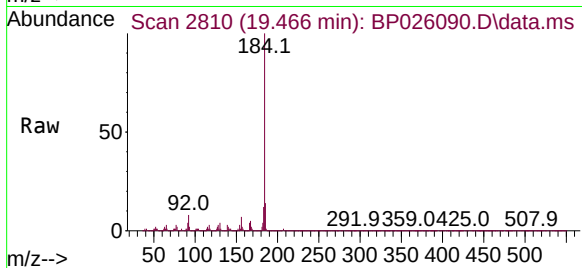
183 11.7 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/12/2025

Supervised By :Jagrut Upadhyay 11/12/2025



#78

Pyrene

Concen: 40.642 ng

RT: 19.642 min Scan# 2840

Delta R.T. 0.006 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

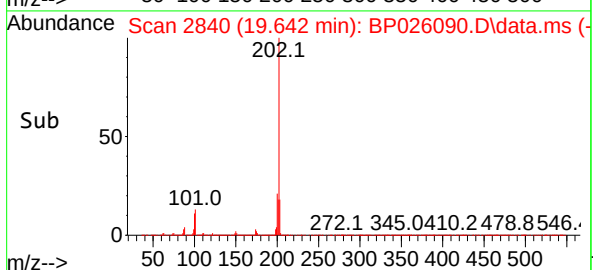
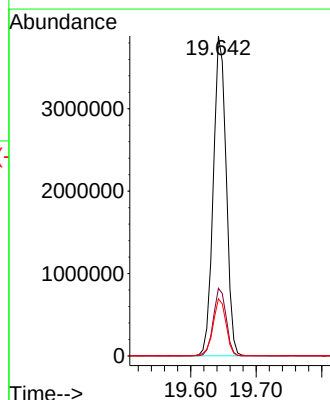
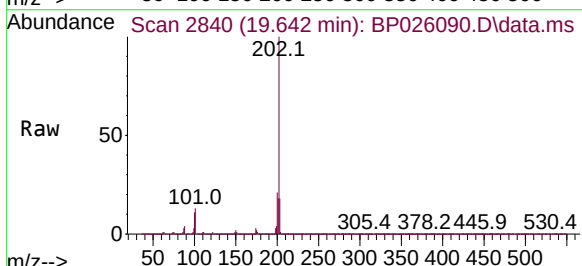
Tgt Ion:202 Resp: 5298247

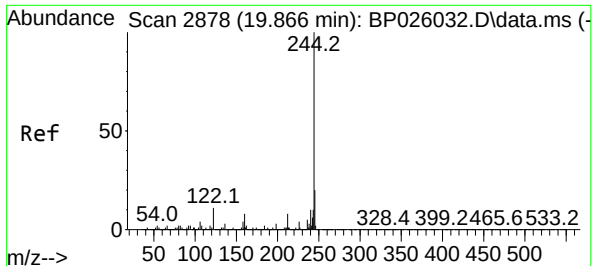
Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

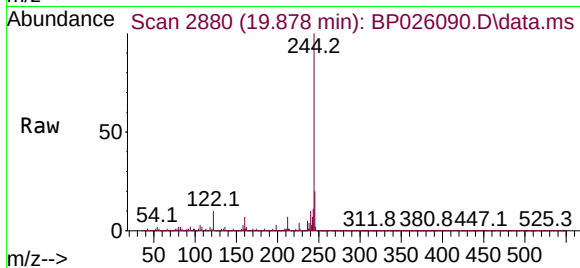
203 17.8 14.0 21.0





#79
 Terphenyl-d14
 Concen: 80.608 ng
 RT: 19.878 min Scan# 2878
 Delta R.T. 0.012 min
 Lab File: BP026090.D
 Acq: 11 Nov 2025 14:44

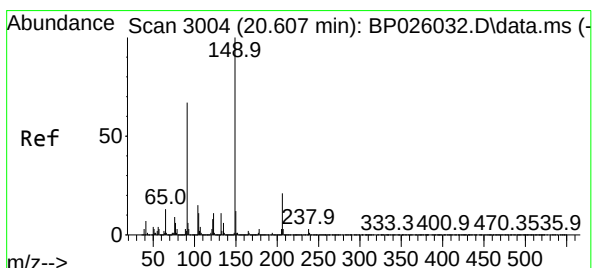
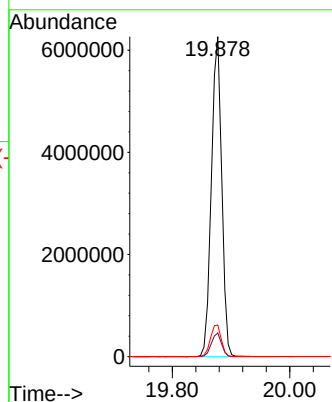
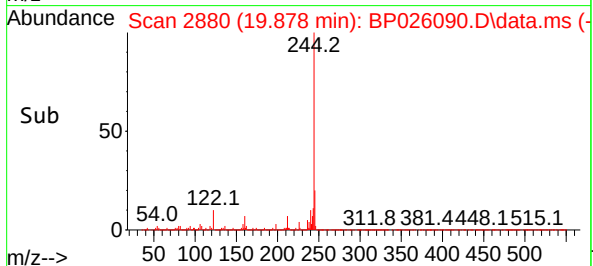
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



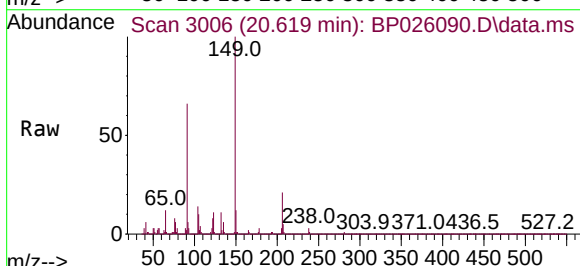
Tgt Ion:244 Resp: 7647261
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 9.9 9.0 13.6

Manual Integrations
 APPROVED

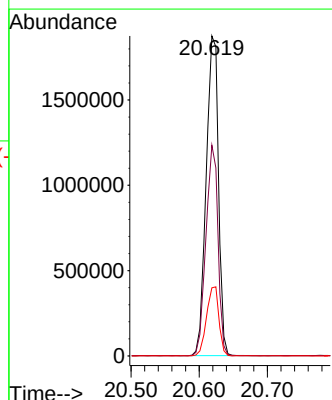
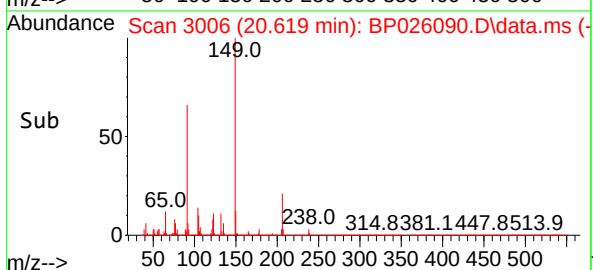
Reviewed By :Rahul Chavli 11/12/2025
 Supervised By :Jagrut Upadhyay 11/12/2025

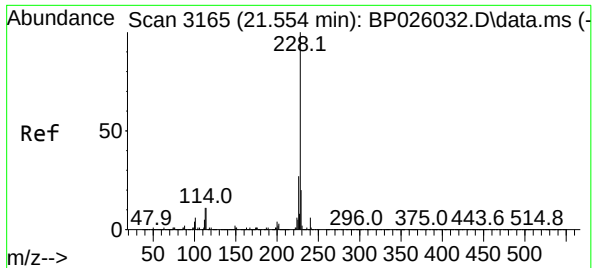


#80
 Butylbenzylphthalate
 Concen: 48.274 ng
 RT: 20.619 min Scan# 3006
 Delta R.T. 0.012 min
 Lab File: BP026090.D
 Acq: 11 Nov 2025 14:44



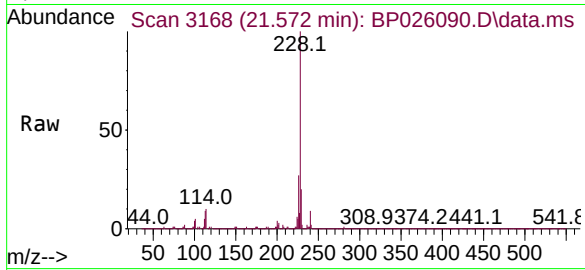
Tgt Ion:149 Resp: 2350611
 Ion Ratio Lower Upper
 149 100
 91 65.8 53.5 80.3
 206 21.3 16.6 25.0





#81
Benzo(a)anthracene
Concen: 40.521 ng
RT: 21.572 min Scan# 3165
Delta R.T. 0.024 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

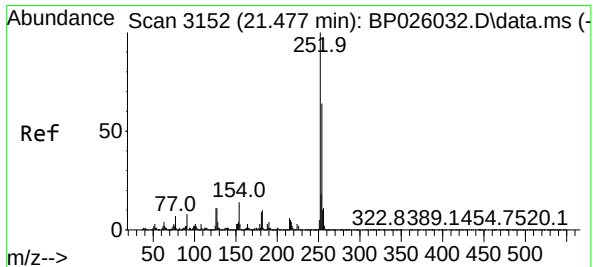
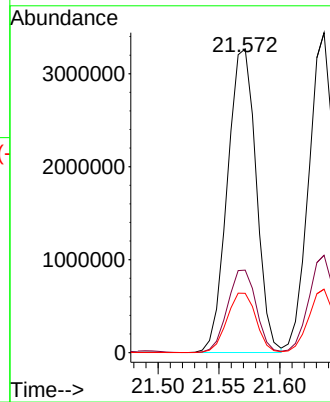
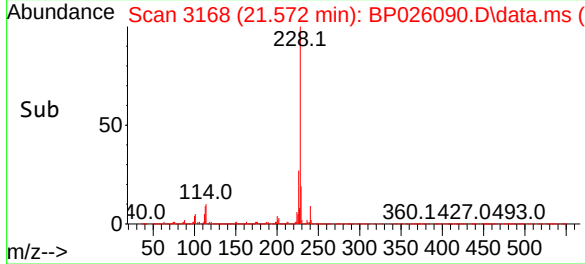
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



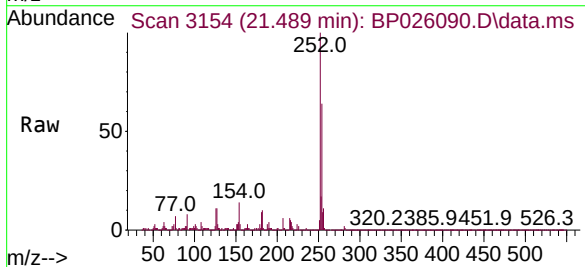
Tgt Ion:228 Resp: 5367004
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.5 15.8 23.8

Manual Integrations
APPROVED

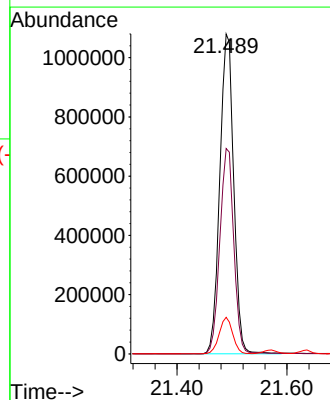
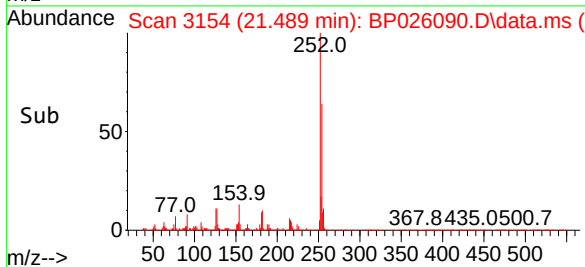
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025

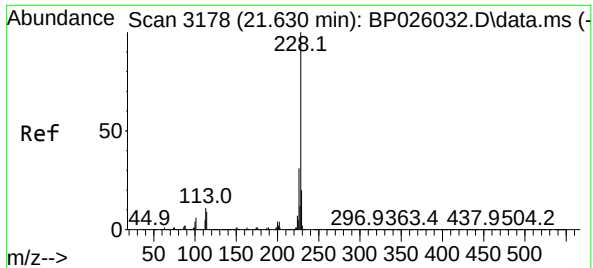


#82
3,3'-Dichlorobenzidine
Concen: 44.380 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.012 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44



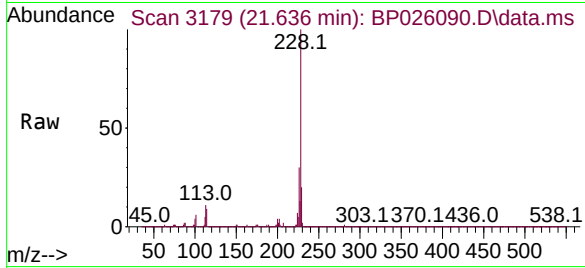
Tgt Ion:252 Resp: 1893927
Ion Ratio Lower Upper
252 100
254 64.2 51.3 76.9
126 11.4 9.1 13.7





#83
Chrysene
Concen: 40.037 ng
RT: 21.636 min Scan# 3178
Delta R.T. 0.018 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

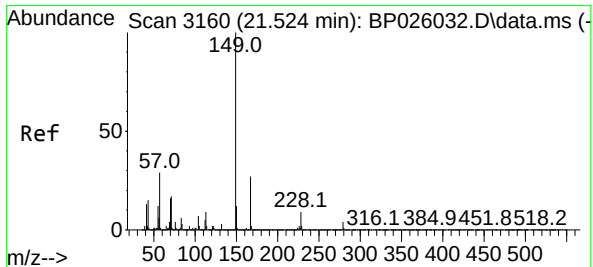
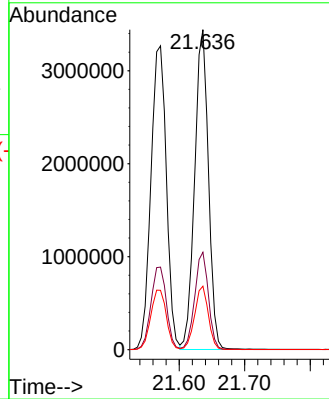
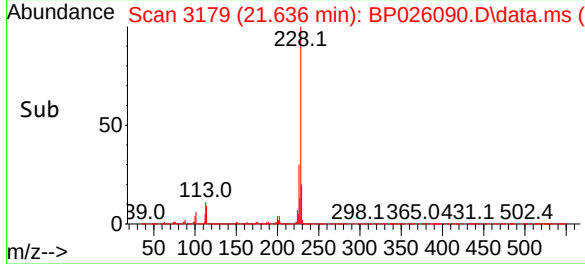
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 5023318
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.8 16.0 24.0

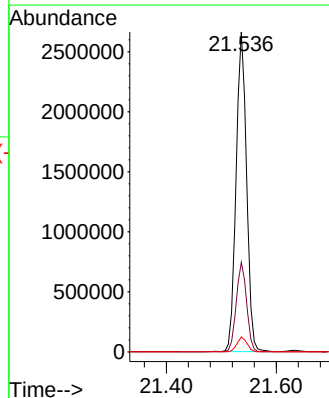
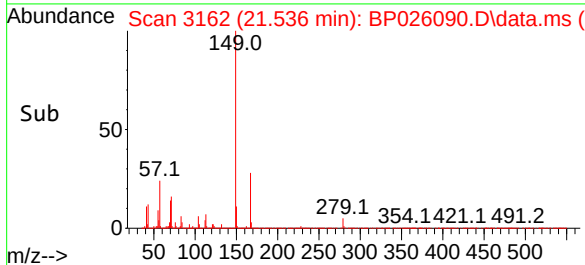
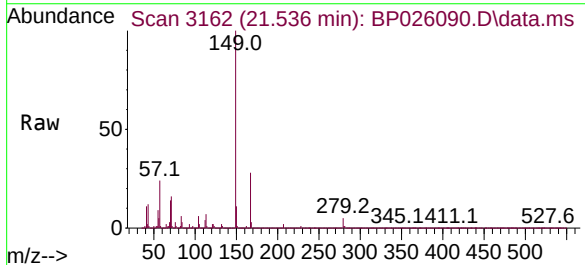
Manual Integrations
APPROVED

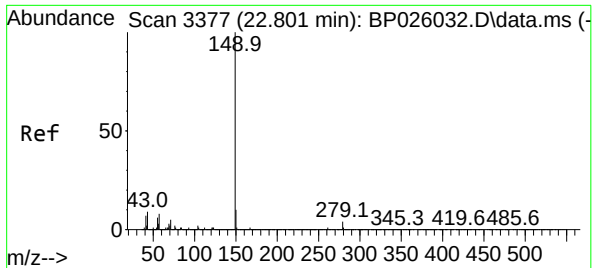
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.553 ng
RT: 21.536 min Scan# 3162
Delta R.T. 0.018 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

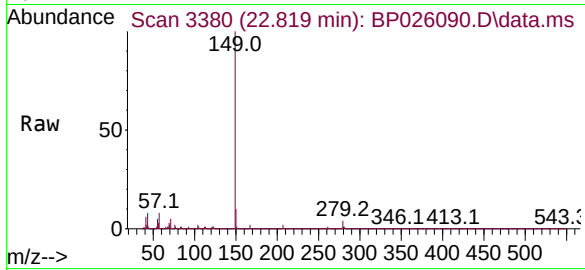
Tgt Ion:149 Resp: 3527668
Ion Ratio Lower Upper
149 100
167 28.0 21.5 32.3
279 4.7 3.0 4.6#





#85
Di-n-octyl phthalate
Concen: 54.501 ng
RT: 22.819 min Scan# 3377
Delta R.T. 0.018 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

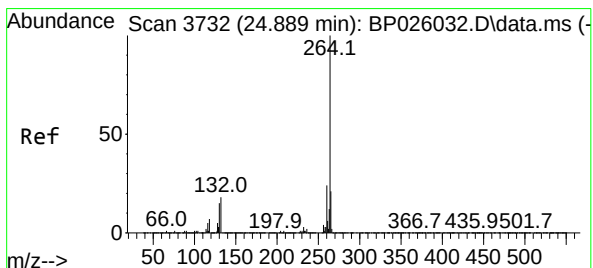
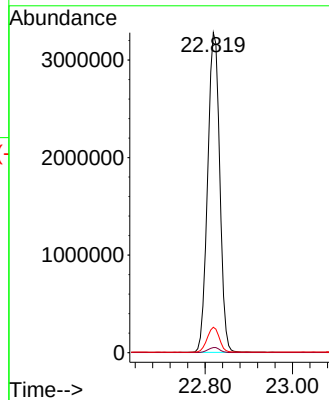
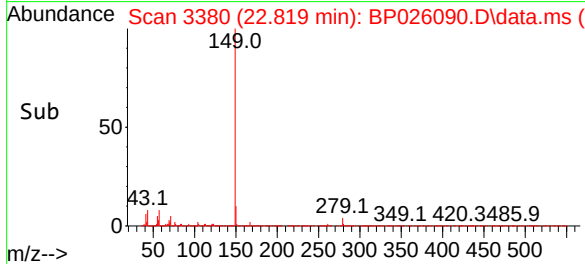
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 6253410
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.8 7.6 11.4

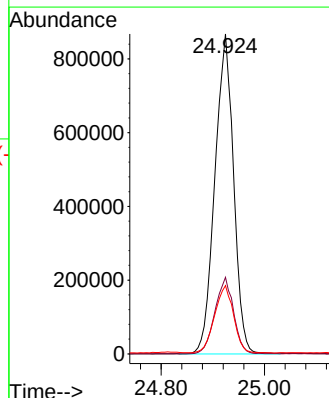
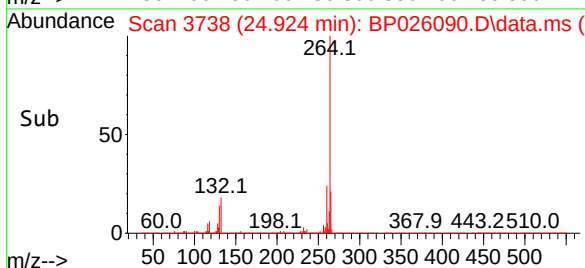
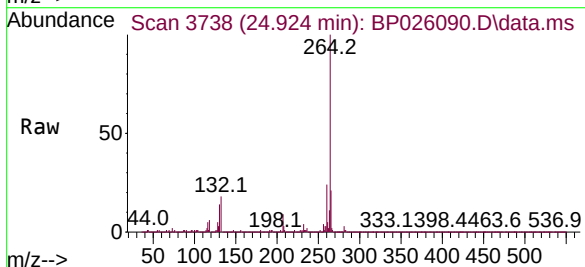
Manual Integrations
APPROVED

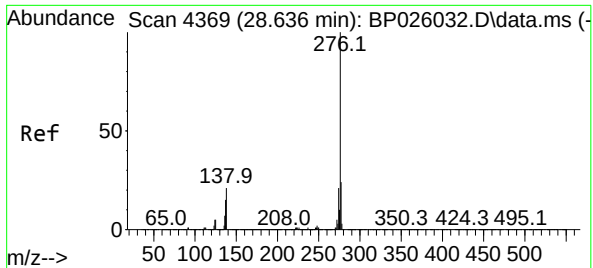
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.924 min Scan# 3738
Delta R.T. 0.041 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

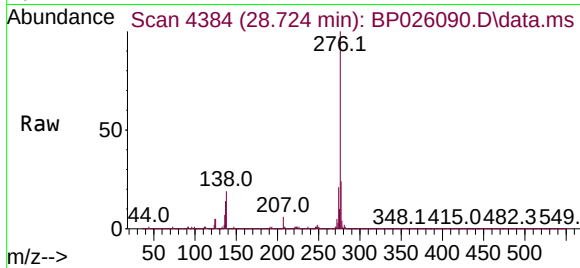
Tgt Ion:264 Resp: 2191179
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.3 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.124 ng m
RT: 28.724 min Scan# 4369
Delta R.T. 0.065 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

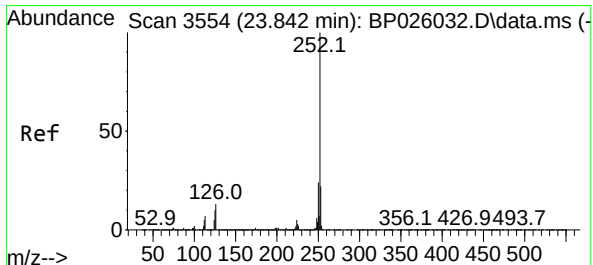
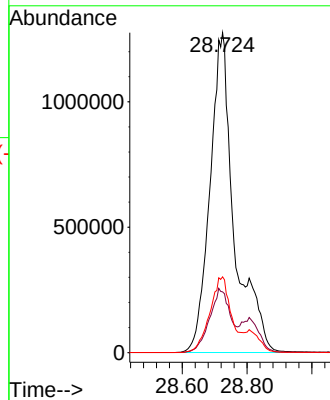
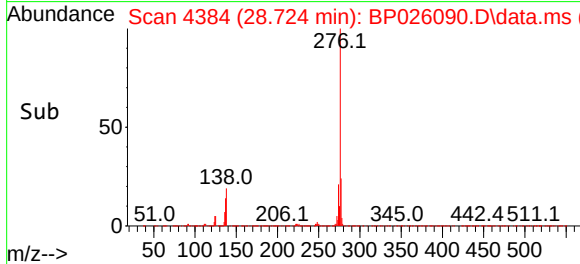
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 276 Resp: 6652593
Ion Ratio Lower Upper
276 100
138 17.3 13.2 19.8
277 21.1 16.3 24.5

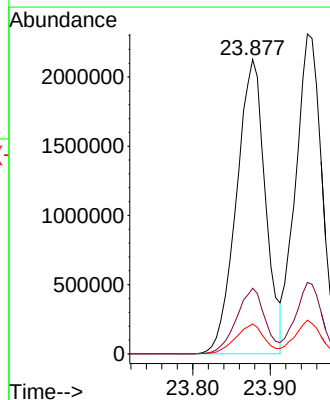
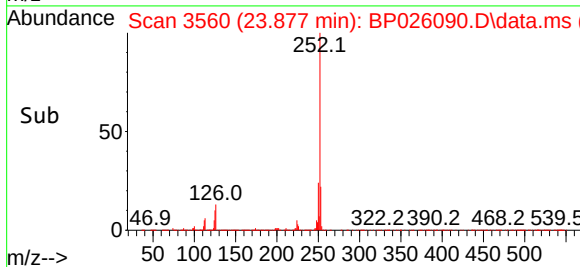
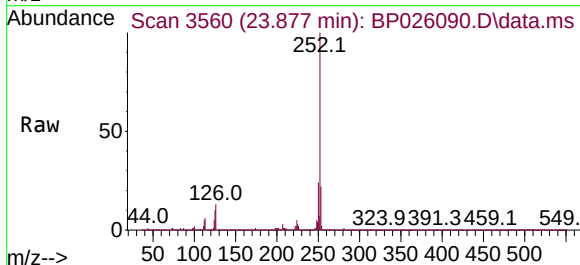
Manual Integrations
APPROVED

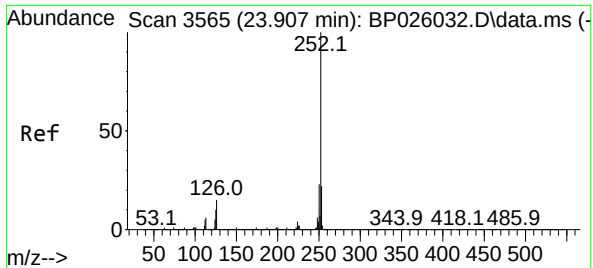
Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#88
Benzo(b)fluoranthene
Concen: 40.625 ng
RT: 23.877 min Scan# 3560
Delta R.T. 0.030 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion: 252 Resp: 5526088
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.1 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 38.853 ng

RT: 23.948 min Scan# 3565

Delta R.T. 0.024 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 5396935

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

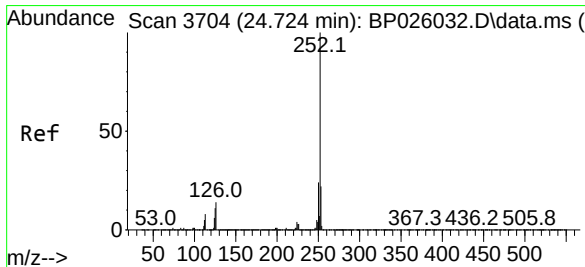
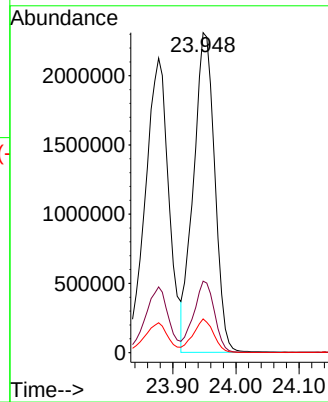
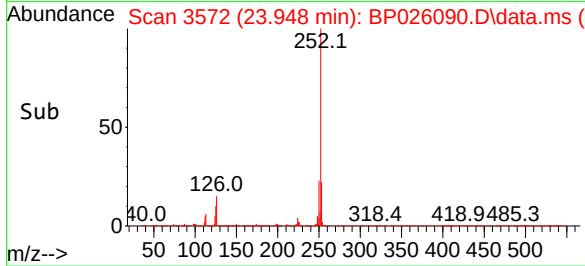
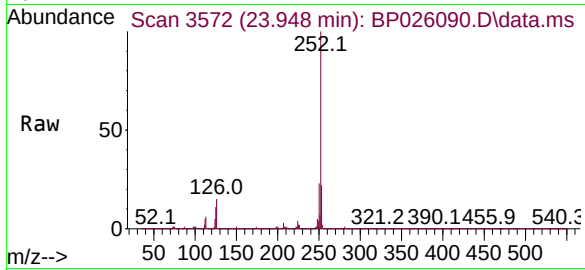
125 10.5 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/12/2025

Supervised By :Jagrut Upadhyay 11/12/2025



#90

Benzo(a)pyrene

Concen: 41.114 ng

RT: 24.771 min Scan# 3712

Delta R.T. 0.030 min

Lab File: BP026090.D

Acq: 11 Nov 2025 14:44

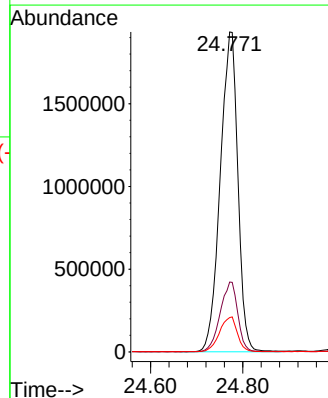
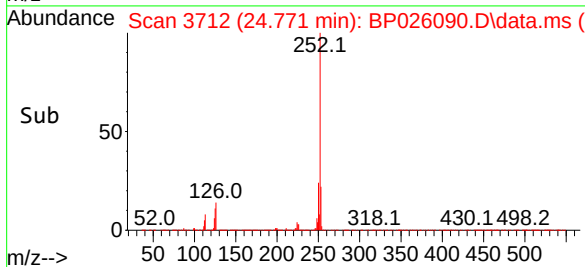
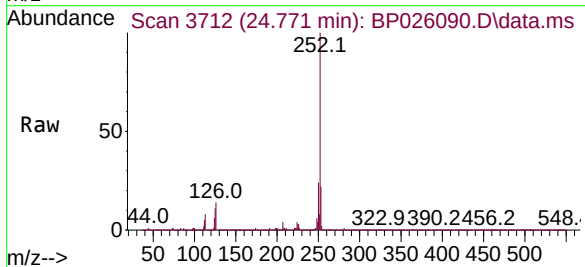
Tgt Ion:252 Resp: 5137911

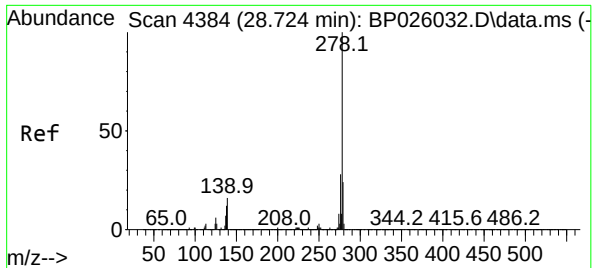
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

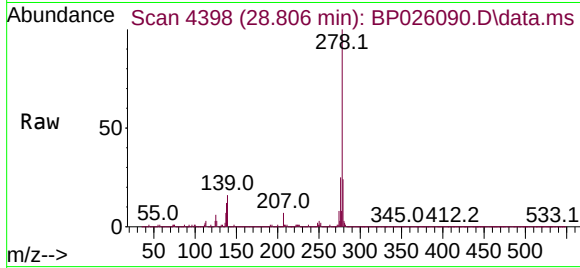
125 10.7 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 41.071 ng
RT: 28.806 min Scan# 4384
Delta R.T. 0.059 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

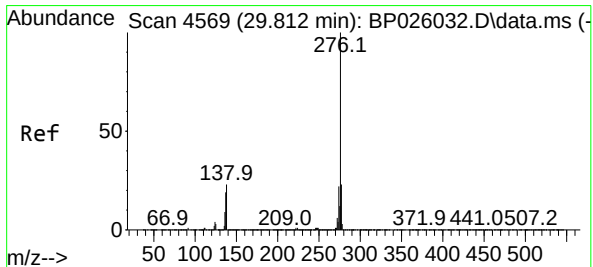
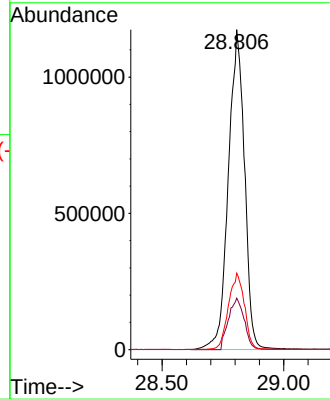
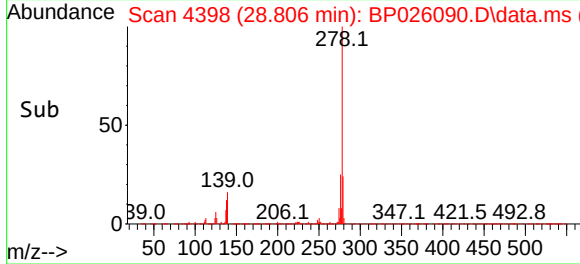
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 5406848
Ion Ratio Lower Upper
278 100
139 16.1 13.0 19.6
279 23.9 18.9 28.3

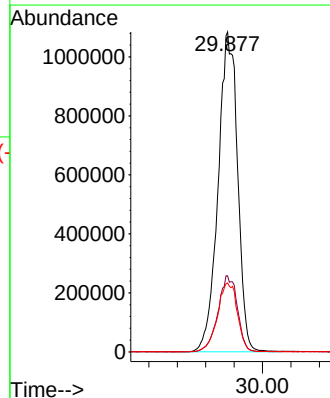
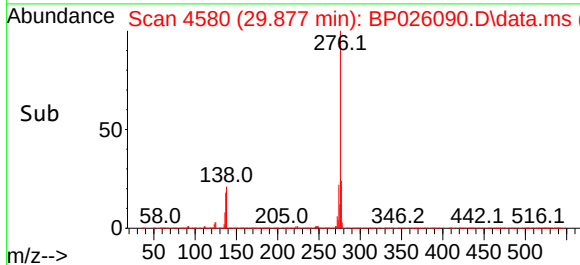
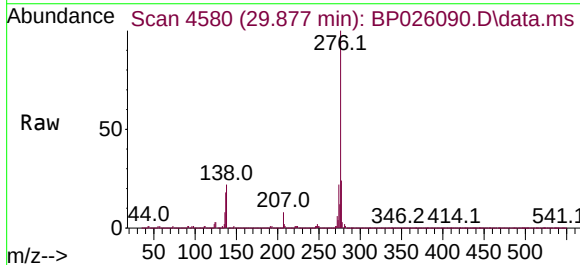
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Jagrut Upadhyay 11/12/2025



#92
Benzo(g,h,i)perylene
Concen: 40.672 ng
RT: 29.877 min Scan# 4580
Delta R.T. 0.047 min
Lab File: BP026090.D
Acq: 11 Nov 2025 14:44

Tgt Ion:276 Resp: 5152380
Ion Ratio Lower Upper
276 100
277 23.8 18.5 27.7
138 21.5 18.1 27.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026090.D
 Acq On : 11 Nov 2025 14:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 11 15:19:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	116	-0.01
2	1,4-Dioxane	40.000	39.788	0.5	115	0.00
3	Pyridine	40.000	39.962	0.1	114	0.00
4	n-Nitrosodimethylamine	40.000	36.995	7.5	107	0.00
5 S	2-Fluorophenol	80.000	83.411	-4.3	118	0.00
6	Aniline	40.000	40.106	-0.3	114	-0.01
7 S	Phenol-d6	80.000	83.718	-4.6	117	0.00
8	2-Chlorophenol	40.000	43.173	-7.9	120	0.00
9	Benzaldehyde	40.000	36.459	8.9	105	0.00
10 C	Phenol	40.000	40.774	-1.9	115	0.00
11	bis(2-Chloroethyl)ether	40.000	40.404	-1.0	116	-0.01
12	1,3-Dichlorobenzene	40.000	40.467	-1.2	115	-0.01
13 C	1,4-Dichlorobenzene	40.000	40.196	-0.5	115	-0.01
14	1,2-Dichlorobenzene	40.000	40.812	-2.0	117	0.00
15	Benzyl Alcohol	40.000	42.108	-5.3	120	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.391	6.5	106	0.00
17	2-Methylphenol	40.000	41.770	-4.4	116	0.00
18	Hexachloroethane	40.000	42.683	-6.7	120	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	41.727	-4.3	113	-0.01
20	3+4-Methylphenols	40.000	41.687	-4.2	117	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	116	0.00
22	Acetophenone	40.000	40.108	-0.3	113	-0.01
23 S	Nitrobenzene-d5	80.000	87.348	-9.2	120	-0.01
24	Nitrobenzene	40.000	42.386	-6.0	116	-0.01
25	Isophorone	40.000	41.345	-3.4	114	0.00
26 C	2-Nitrophenol	40.000	58.796	-47.0#	168	0.00
27	2,4-Dimethylphenol	40.000	41.613	-4.0	115	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.126	-2.8	115	0.00
29 C	2,4-Dichlorophenol	40.000	44.657	-11.6	120	0.00
30	1,2,4-Trichlorobenzene	40.000	41.249	-3.1	116	0.00
31	Naphthalene	40.000	40.360	-0.9	114	0.00
32	Benzoic acid	40.000	54.588	-36.5#	173	-0.02
33	4-Chloroaniline	40.000	41.010	-2.5	114	0.00
34 C	Hexachlorobutadiene	40.000	42.335	-5.8	119	0.00
35	Caprolactam	40.000	43.839	-9.6	120	0.00
36 C	4-Chloro-3-methylphenol	40.000	44.198	-10.5	118	0.00
37	2-Methylnaphthalene	40.000	40.916	-2.3	114	0.00
38	1-Methylnaphthalene	40.000	41.153	-2.9	115	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	118	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	41.090	-2.7	119	0.00
41 P	Hexachlorocyclopentadiene	40.000	50.481	-26.2#	143	0.00
42 S	2,4,6-Tribromophenol	80.000	98.171	-22.7	132	0.00
43 C	2,4,6-Trichlorophenol	40.000	47.235	-18.1	127	0.00
44	2,4,5-Trichlorophenol	40.000	45.287	-13.2	123	0.00
45 S	2-Fluorobiphenyl	80.000	79.332	0.8	115	0.00
46	1,1'-Biphenyl	40.000	39.810	0.5	115	0.00
47	2-Chloronaphthalene	40.000	40.123	-0.3	116	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026090.D
 Acq On : 11 Nov 2025 14:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 11 15:19:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	43.326	-8.3	130	0.00
49	Acenaphthylene	40.000	40.165	-0.4	114	0.00
50	Dimethylphthalate	40.000	42.043	-5.1	119	0.00
51	2,6-Dinitrotoluene	40.000	45.776	-14.4	139	0.00
52 C	Acenaphthene	40.000	39.144	2.1	111	0.00
53	3-Nitroaniline	40.000	44.027	-10.1	131	0.00
54 P	2,4-Dinitrophenol	40.000	57.180	-43.0#	188	0.00
55	Dibenzofuran	40.000	39.905	0.2	115	0.00
56 P	4-Nitrophenol	40.000	43.674	-9.2	131	0.00
57	2,4-Dinitrotoluene	40.000	46.152	-15.4	138	0.00
58	Fluorene	40.000	40.133	-0.3	117	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	49.467	-23.7	132	0.00
60	Diethylphthalate	40.000	42.006	-5.0	117	0.00
61	4-Chlorophenyl-phenylether	40.000	41.194	-3.0	119	0.00
62	4-Nitroaniline	40.000	47.592	-19.0	128	0.00
63	Azobenzene	40.000	39.349	1.6	112	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	119	0.00
65	4,6-Dinitro-2-methylphenol	40.000	54.953	-37.4#	180	0.01
66 c	n-Nitrosodiphenylamine	40.000	39.856	0.4	114	0.00
67	4-Bromophenyl-phenylether	40.000	41.941	-4.9	121	0.00
68	Hexachlorobenzene	40.000	41.846	-4.6	122	0.00
69	Atrazine	40.000	42.193	-5.5	121	0.00
70 C	Pentachlorophenol	40.000	47.080	-17.7	134	0.00
71	Phenanthrene	40.000	38.926	2.7	113	0.00
72	Anthracene	40.000	39.845	0.4	116	0.00
73	Carbazole	40.000	40.055	-0.1	115	0.00
74	Di-n-butylphthalate	40.000	44.673	-11.7	121	0.00
75 C	Fluoranthene	40.000	40.384	-1.0	115	0.01
76 I	Chrysene-d12	20.000	20.000	0.0	117	0.02
77	Benzidine	40.000	39.942	0.1	115	0.01
78	Pyrene	40.000	40.642	-1.6	113	0.00
79 S	Terphenyl-d14	80.000	80.608	-0.8	115	0.01
80	Butylbenzylphthalate	40.000	48.274	-20.7	144	0.01
81	Benzo(a)anthracene	40.000	40.521	-1.3	115	0.02
82	3,3'-Dichlorobenzidine	40.000	44.380	-11.0	125	0.01
83	Chrysene	40.000	40.037	-0.1	113	0.02
84	Bis(2-ethylhexyl)phthalate	40.000	45.553	-13.9	129	0.02
85 c	Di-n-octyl phthalate	40.000	54.501	-36.3#	148	0.02
86 I	Perylene-d12	20.000	20.000	0.0	124	0.04
87	Indeno(1,2,3-cd)pyrene	40.000	41.124	-2.8	121	0.06
88	Benzo(b)fluoranthene	40.000	40.625	-1.6	120	0.03
89	Benzo(k)fluoranthene	40.000	38.853	2.9	115	0.02
90 C	Benzo(a)pyrene	40.000	41.114	-2.8	121	0.03
91	Dibenzo(a,h)anthracene	40.000	41.071	-2.7	121	0.06
92	Benzo(g,h,i)perylene	40.000	40.672	-1.7	121	0.05

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026090.D
Acq On : 11 Nov 2025 14:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Nov 11 15:19:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 2

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026090.D
 Acq On : 11 Nov 2025 14:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 11 15:19:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	116	-0.01
2	1,4-Dioxane	0.511	0.508	0.6	115	0.00
3	Pyridine	1.453	1.451	0.1	114	0.00
4	n-Nitrosodimethylamine	0.582	0.538	7.6	107	0.00
5 S	2-Fluorophenol	1.212	1.264	-4.3	118	0.00
6	Aniline	2.059	2.064	-0.2	114	-0.01
7 S	Phenol-d6	1.543	1.614	-4.6	117	0.00
8	2-Chlorophenol	1.342	1.449	-8.0	120	0.00
9	Benzaldehyde	0.802	0.731	8.9	105	0.00
10 C	Phenol	1.713	1.746	-1.9	115	0.00
11	bis(2-Chloroethyl)ether	1.352	1.365	-1.0	116	-0.01
12	1,3-Dichlorobenzene	1.541	1.559	-1.2	115	-0.01
13 C	1,4-Dichlorobenzene	1.558	1.566	-0.5	115	-0.01
14	1,2-Dichlorobenzene	1.487	1.517	-2.0	117	0.00
15	Benzyl Alcohol	1.112	1.171	-5.3	120	0.00
16	2,2'-oxybis(1-Chloropropane	2.043	1.910	6.5	106	0.00
17	2-Methylphenol	1.121	1.171	-4.5	116	0.00
18	Hexachloroethane	0.533	0.569	-6.8	120	0.00
19 P	n-Nitroso-di-n-propylamine	0.958	0.999	-4.3	113	-0.01
20	3+4-Methylphenols	1.560	1.626	-4.2	117	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	116	0.00
22	Acetophenone	0.506	0.507	-0.2	113	-0.01
23 S	Nitrobenzene-d5	0.321	0.350	-9.0	120	-0.01
24	Nitrobenzene	0.339	0.359	-5.9	116	-0.01
25	Isophorone	0.687	0.710	-3.3	114	0.00
26 C	2-Nitrophenol	0.104	0.185	-77.9#	168#	0.00
27	2,4-Dimethylphenol	0.289	0.300	-3.8	115	0.00
28	bis(2-Chloroethoxy)methane	0.433	0.445	-2.8	115	0.00
29 C	2,4-Dichlorophenol	0.305	0.340	-11.5	120	0.00
30	1,2,4-Trichlorobenzene	0.331	0.342	-3.3	116	0.00
31	Naphthalene	1.091	1.100	-0.8	114	0.00
32	Benzoic acid	0.163	0.251	-54.0#	173#	-0.02
33	4-Chloroaniline	0.419	0.430	-2.6	114	0.00
34 C	Hexachlorobutadiene	0.211	0.223	-5.7	119	0.00
35	Caprolactam	0.107	0.117	-9.3	120	0.00
36 C	4-Chloro-3-methylphenol	0.320	0.353	-10.3	118	0.00
37	2-Methylnaphthalene	0.763	0.781	-2.4	114	0.00
38	1-Methylnaphthalene	0.742	0.763	-2.8	115	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	118	0.00
40	1,2,4,5-Tetrachlorobenzene	0.621	0.638	-2.7	119	0.00
41 P	Hexachlorocyclopentadiene	0.227	0.287	-26.4#	143	0.00
42 S	2,4,6-Tribromophenol	0.216	0.265	-22.7	132	0.00
43 C	2,4,6-Trichlorophenol	0.367	0.434	-18.3	127	0.00
44	2,4,5-Trichlorophenol	0.419	0.475	-13.4	123	0.00
45 S	2-Fluorobiphenyl	1.392	1.380	0.9	115	0.00
46	1,1'-Biphenyl	1.531	1.524	0.5	115	0.00
47	2-Chloronaphthalene	1.205	1.209	-0.3	116	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
 Data File : BP026090.D
 Acq On : 11 Nov 2025 14:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 11 15:19:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.272	0.334	-22.8	130	0.00
49	Acenaphthylene	1.756	1.763	-0.4	114	0.00
50	Dimethylphthalate	1.455	1.529	-5.1	119	0.00
51	2,6-Dinitrotoluene	0.237	0.310	-30.8#	139	0.00
52 C	Acenaphthene	1.206	1.180	2.2	111	0.00
53	3-Nitroaniline	0.291	0.359	-23.4	131	0.00
54 P	2,4-Dinitrophenol	0.100	0.159	-59.0#	188#	0.00
55	Dibenzofuran	1.822	1.817	0.3	115	0.00
56 P	4-Nitrophenol	0.290	0.317	-9.3	131	0.00
57	2,4-Dinitrotoluene	0.347	0.459	-32.3#	138	0.00
58	Fluorene	1.427	1.432	-0.4	117	0.00
59	2,3,4,6-Tetrachlorophenol	0.330	0.408	-23.6	132	0.00
60	Diethylphthalate	1.463	1.536	-5.0	117	0.00
61	4-Chlorophenyl-phenylether	0.713	0.734	-2.9	119	0.00
62	4-Nitroaniline	0.311	0.370	-19.0	128	0.00
63	Azobenzene	1.325	1.304	1.6	112	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	119	0.00
65	4,6-Dinitro-2-methylphenol	0.077	0.116	-50.6#	180#	0.01
66 c	n-Nitrosodiphenylamine	0.625	0.623	0.3	114	0.00
67	4-Bromophenyl-phenylether	0.222	0.233	-5.0	121	0.00
68	Hexachlorobenzene	0.253	0.264	-4.3	122	0.00
69	Atrazine	0.211	0.223	-5.7	121	0.00
70 C	Pentachlorophenol	0.154	0.182	-18.2	134	0.00
71	Phenanthrene	1.164	1.133	2.7	113	0.00
72	Anthracene	1.154	1.149	0.4	116	0.00
73	Carbazole	1.092	1.094	-0.2	115	0.00
74	Di-n-butylphthalate	1.222	1.365	-11.7	121	0.00
75 C	Fluoranthene	1.358	1.371	-1.0	115	0.01
76 I	Chrysene-d12	1.000	1.000	0.0	117	0.02
77	Benzydine	0.508	0.507	0.2	115	0.01
78	Pyrene	1.353	1.374	-1.6	113	0.00
79 S	Terphenyl-d14	0.984	0.992	-0.8	115	0.01
80	Butylbenzylphthalate	0.432	0.610	-41.2#	144	0.01
81	Benzo(a)anthracene	1.374	1.392	-1.3	115	0.02
82	3,3'-Dichlorobenzidine	0.443	0.491	-10.8	125	0.01
83	Chrysene	1.302	1.303	-0.1	113	0.02
84	Bis(2-ethylhexyl)phthalate	0.718	0.915	-27.4#	129	0.02
85 c	Di-n-octyl phthalate	1.191	1.622	-36.2#	148	0.02
86 I	Perylene-d12	1.000	1.000	0.0	124	0.04
87	Indeno(1,2,3-cd)pyrene	1.477	1.518	-2.8	121	0.06
88	Benzo(b)fluoranthene	1.242	1.261	-1.5	120	0.03
89	Benzo(k)fluoranthene	1.268	1.232	2.8	115	0.02
90 C	Benzo(a)pyrene	1.141	1.172	-2.7	121	0.03
91	Dibenzo(a,h)anthracene	1.202	1.234	-2.7	121	0.06
92	Benzo(g,h,i)perylene	1.156	1.176	-1.7	121	0.05

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026090.D
Acq On : 11 Nov 2025 14:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Nov 11 15:19:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 2



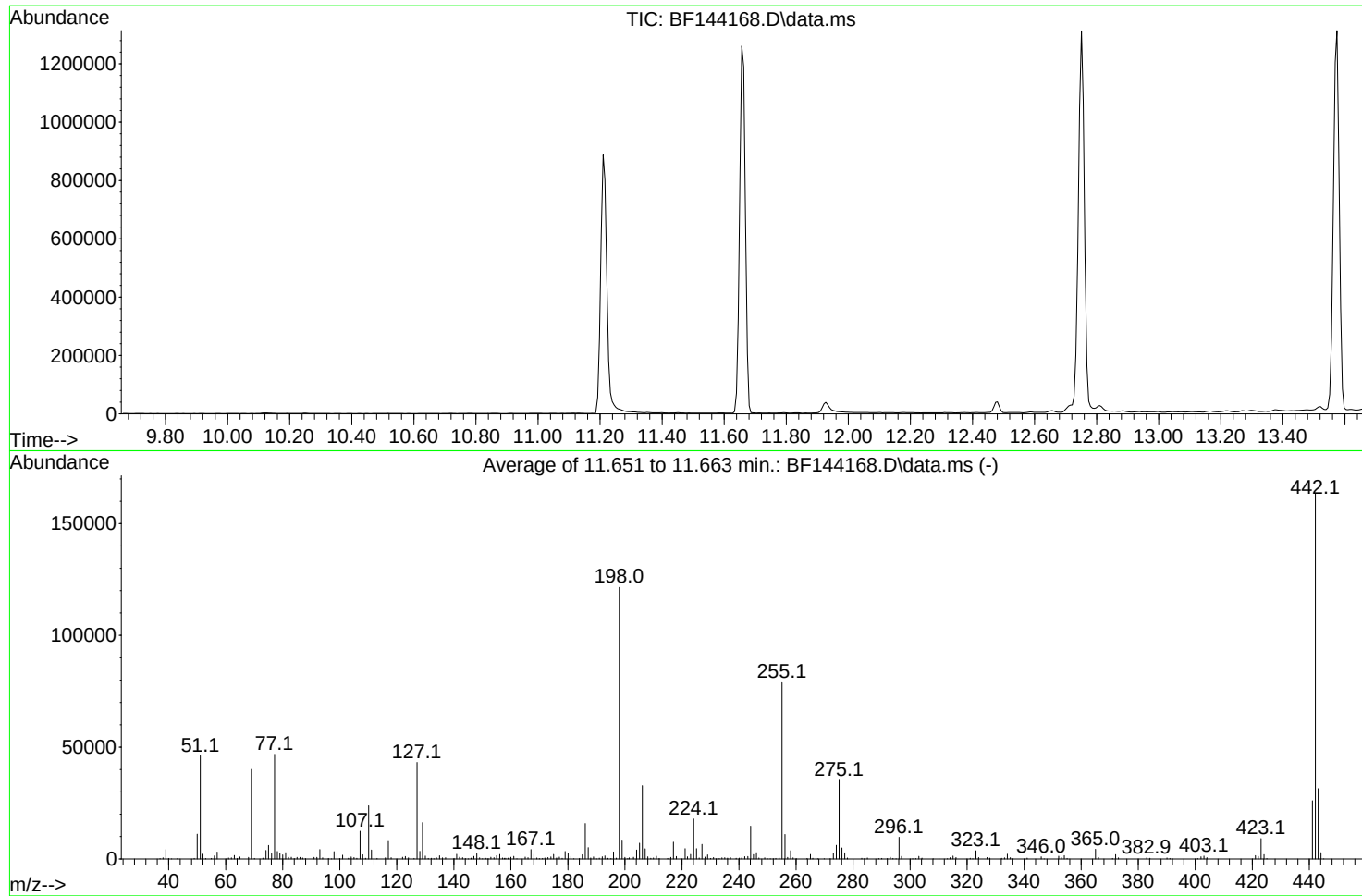
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025



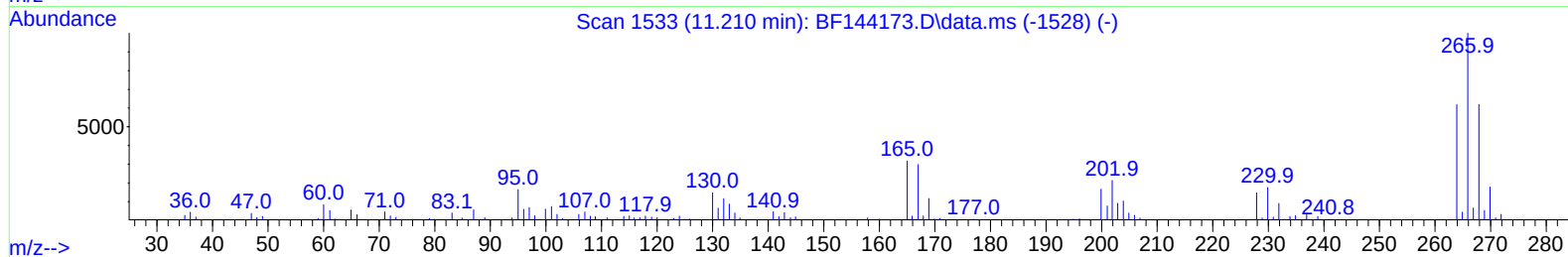
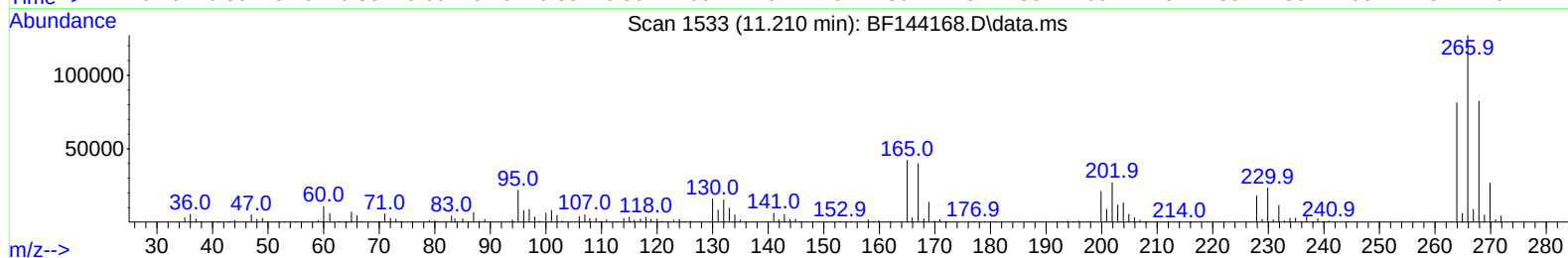
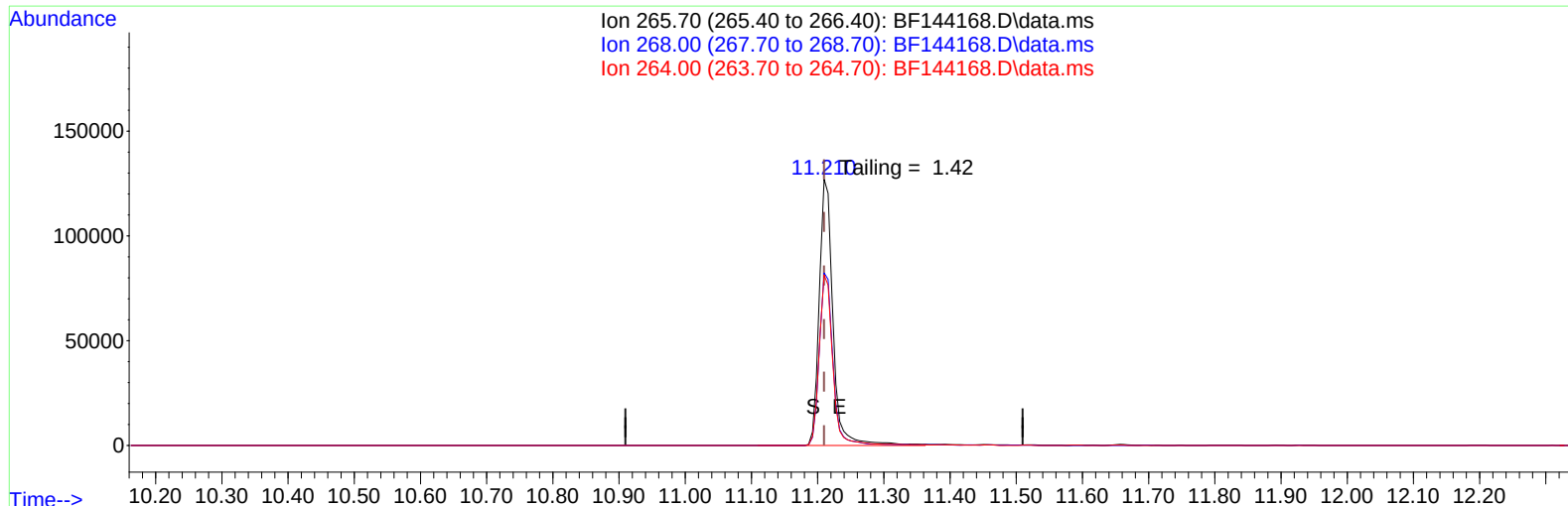
AutoFind: Scans 1608, 1609, 1610; Background Corrected with Scan 1602

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.8	709	PASS
69	69	100	100	100.0	40048	PASS
70	69	0.00	2	0.6	222	PASS
197	198	0.00	2	0.3	378	PASS
198	198	100	100	100.0	121493	PASS
199	198	5	9	6.9	8441	PASS
365	198	1	100	3.6	4315	PASS
441	443	0.01	150	82.6	26027	PASS
442	442	100	100	100.0	163299	PASS
443	442	15	24	19.3	31501	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 05 15:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 15:17:46 2025
Response via : Initial Calibration



TIC: BF144168.D\data.ms

(70) Pentachlorophenol (C)

11.210min (-0.000) 39632.00 ng

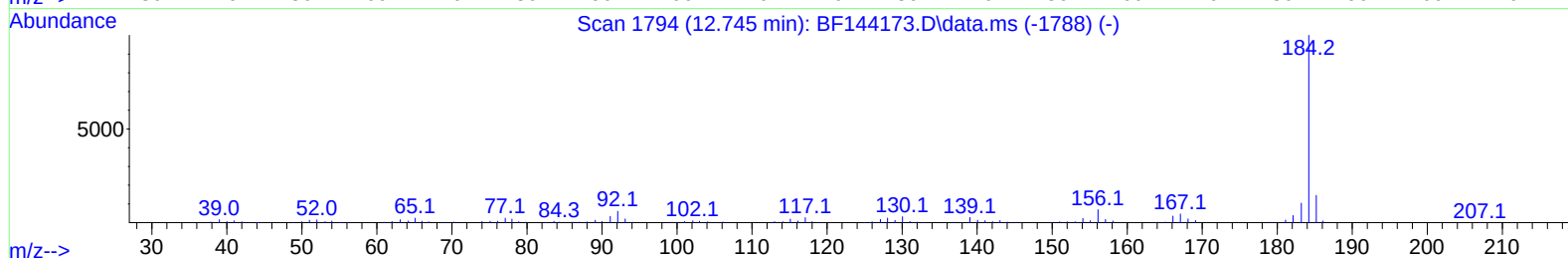
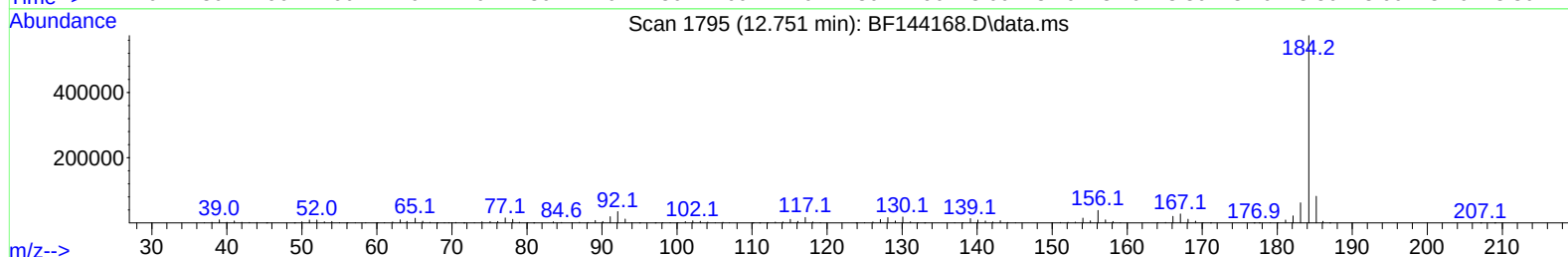
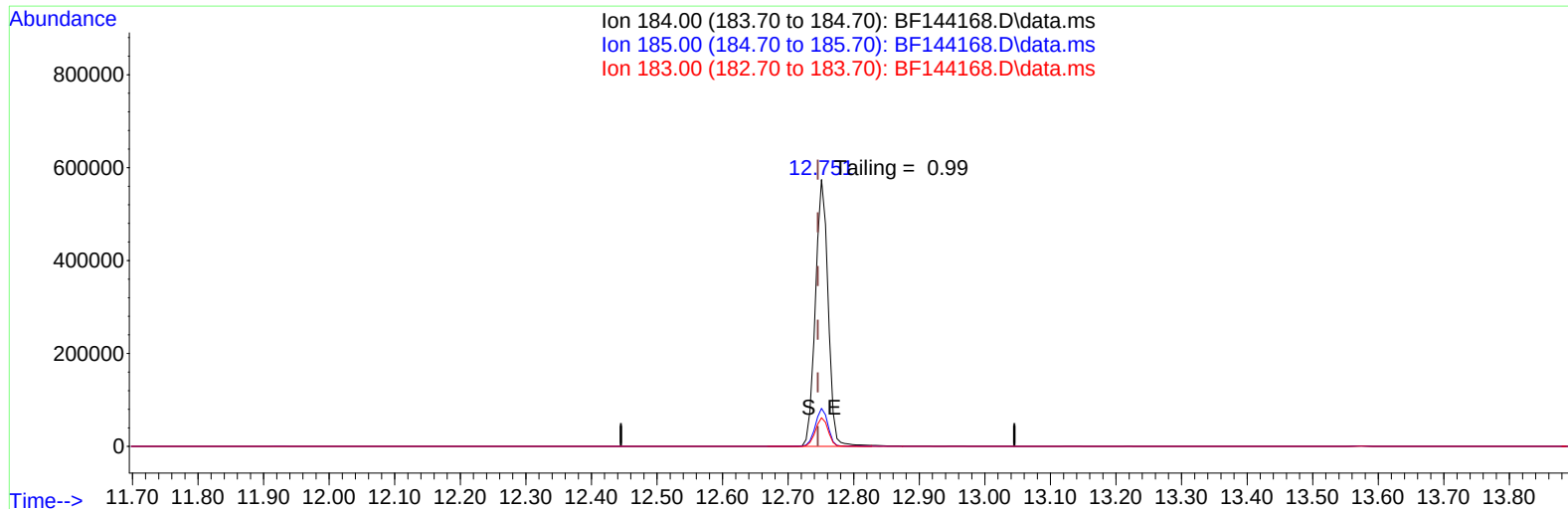
response 182948

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.90	64.79
264.00	61.80	64.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 05 15:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 15:17:46 2025
Response via : Initial Calibration



TIC: BF144168.D\data.ms

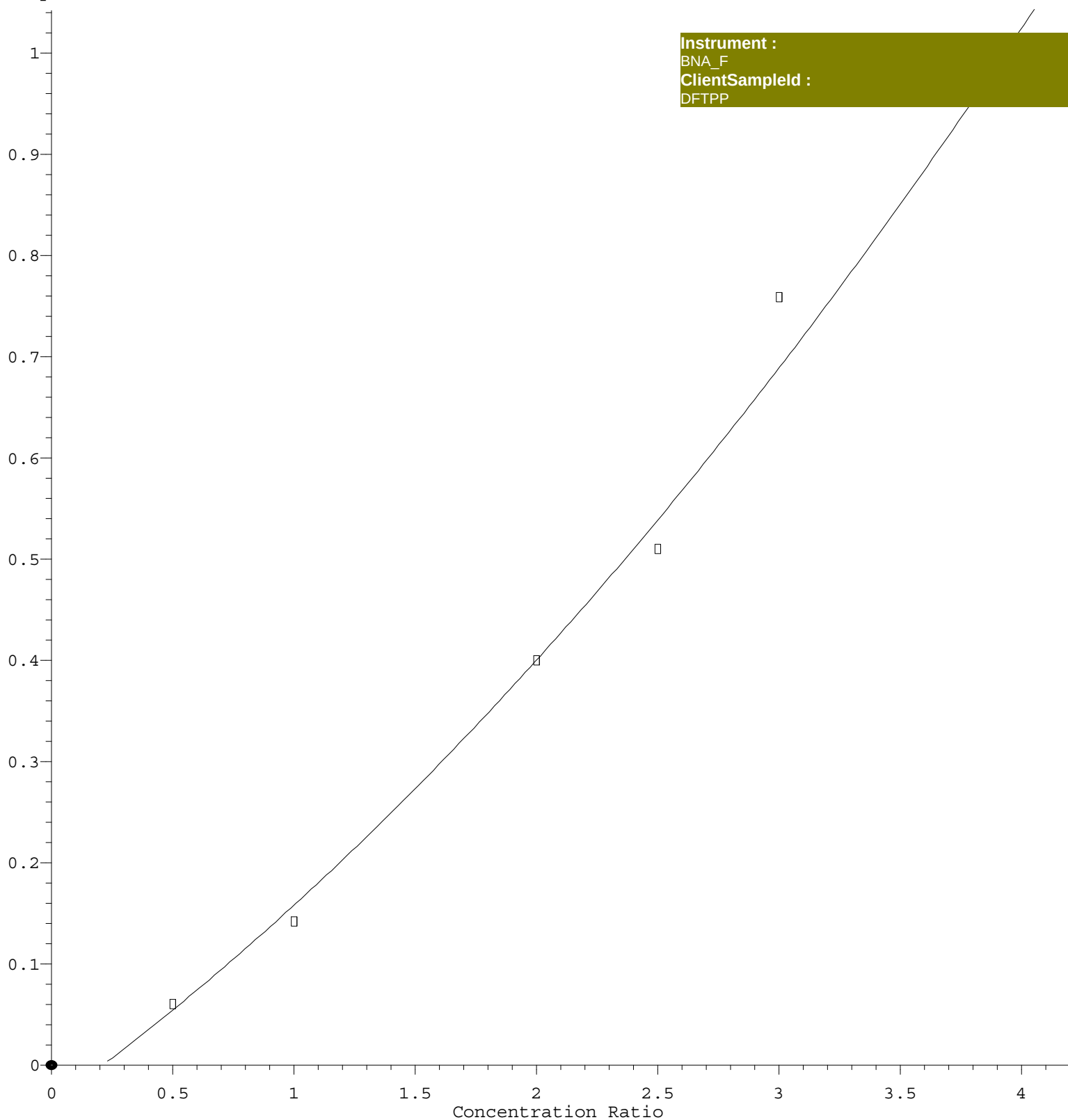
(77) Benzidine

12.751min (+ 0.006) 0.00 ng

response 777212

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.24
183.00	10.40	10.75
0.00	0.00	0.00

Response Ratio



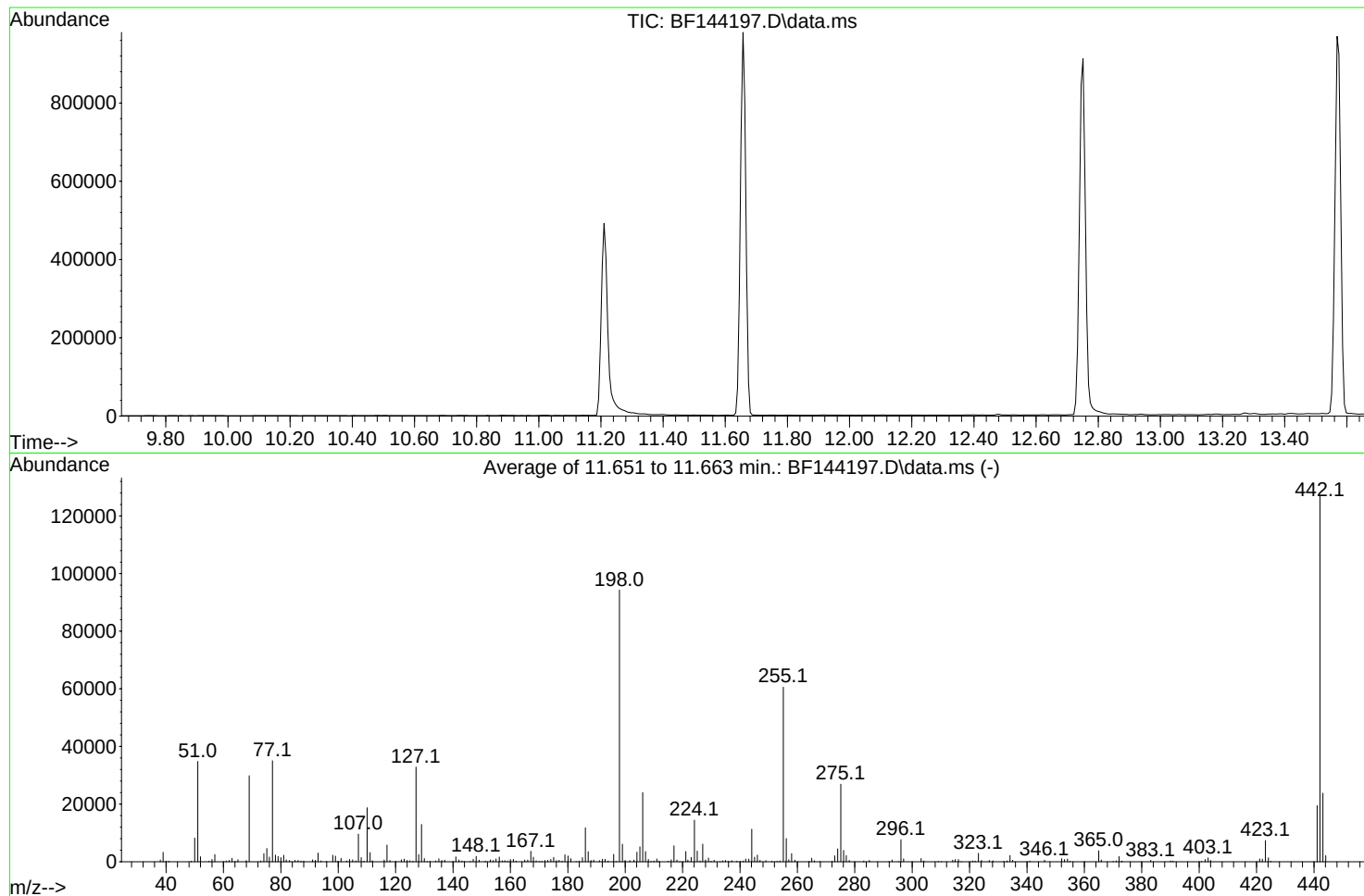
$R = 2.331e-002 A^2 + 1.722e-001 A - 3.751e-002$
Coef of Det (r^2) = 0.992660 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Calibration Table Last Updated: Wed Nov 05 18:37:33 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144197.D
Acq On : 11 Nov 2025 09:40
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025



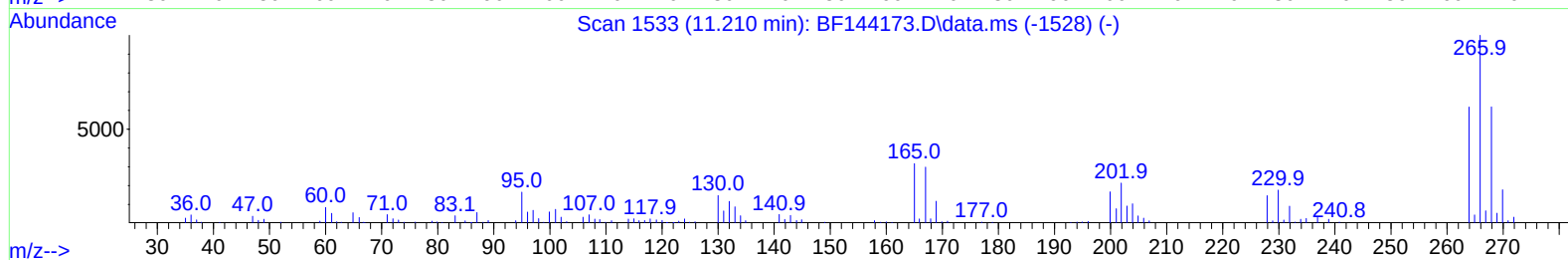
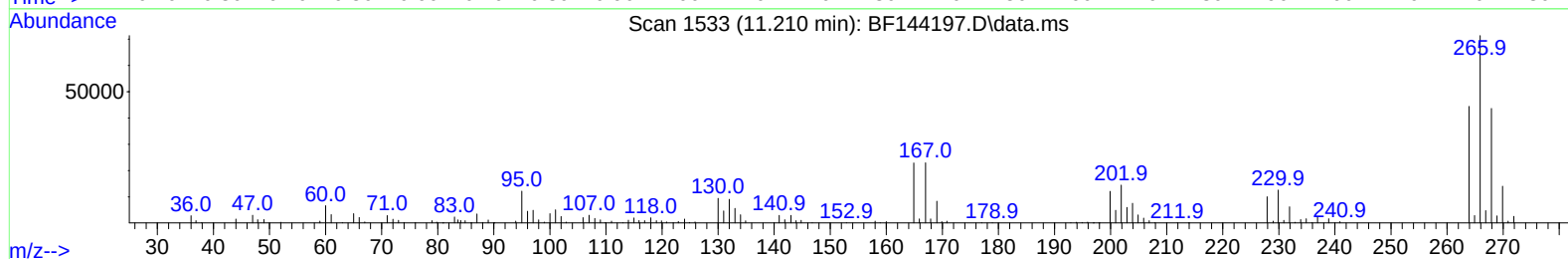
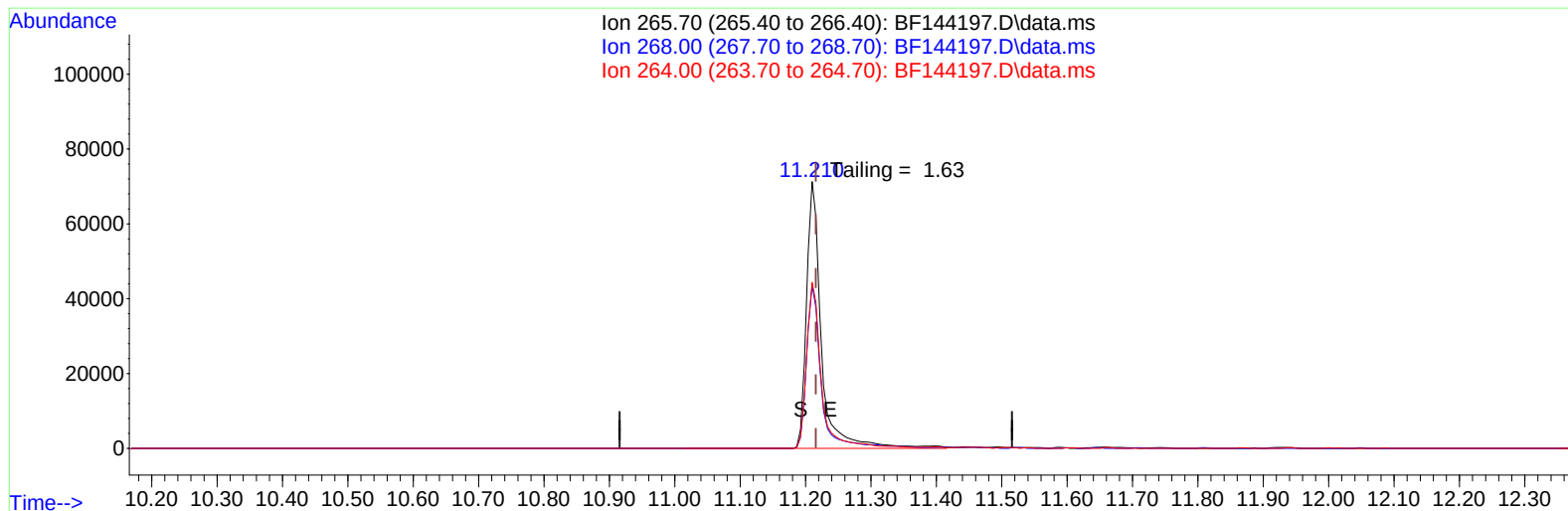
AutoFind: Scans 1608, 1609, 1610; Background Corrected with Scan 1602

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.2	373	PASS
69	69	100	100	100.0	29859	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.1	96	PASS
198	198	100	100	100.0	94299	PASS
199	198	5	9	6.5	6095	PASS
365	198	1	100	4.0	3780	PASS
441	443	0.01	150	81.9	19483	PASS
442	442	100	100	100.0	126867	PASS
443	442	15	24	18.7	23781	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144197.D
Acq On : 11 Nov 2025 09:40
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 11 10:42:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



TIC: BF144197.D\data.ms

(70) Pentachlorophenol (C)

11.210min (-0.006) 27091.68 ng

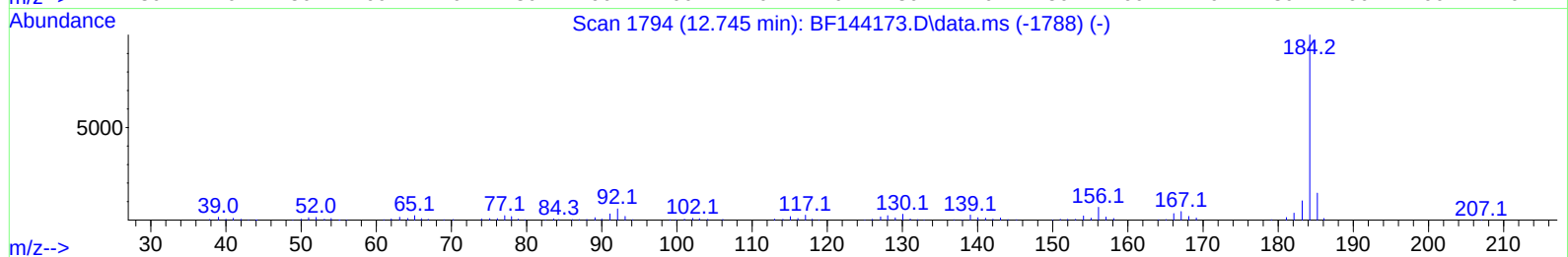
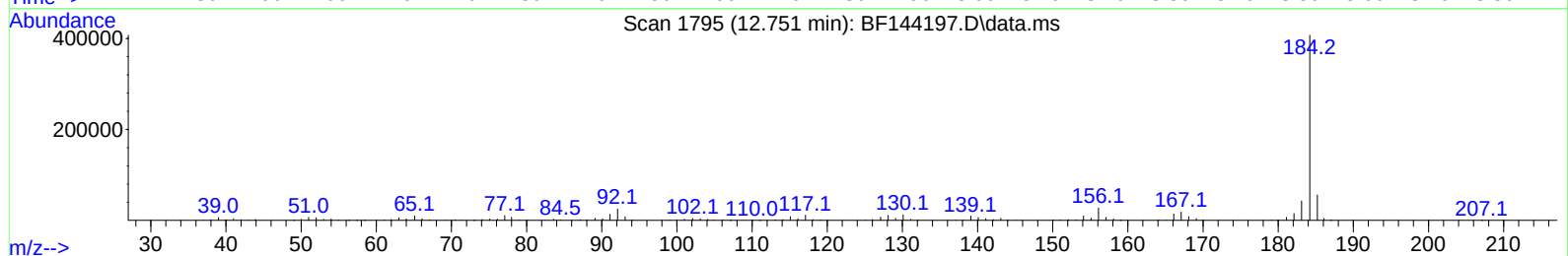
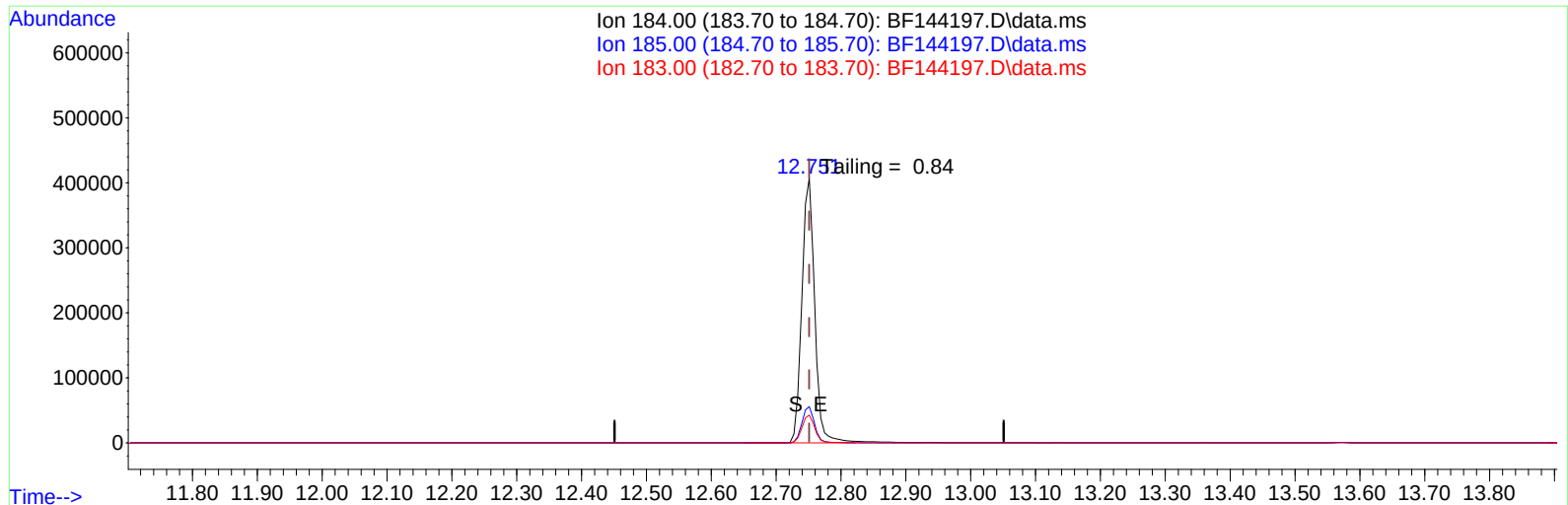
response 112364

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.90	61.18
264.00	61.80	62.26
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144197.D
Acq On : 11 Nov 2025 09:40
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 11 10:42:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



TIC: BF144197.D\data.ms

(77) Benzidine

12.751min (+ 0.000) 0.00 ng

response 562470

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	13.73
183.00	10.40	10.51
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
11/11/2025	BNA_F	<u>BF144197.D</u>
Compound Name	Response	Retention Time
DDT	273985	13.569
DDD	2952	13.274
DDE	571	12.933
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
3523	277508	1.27

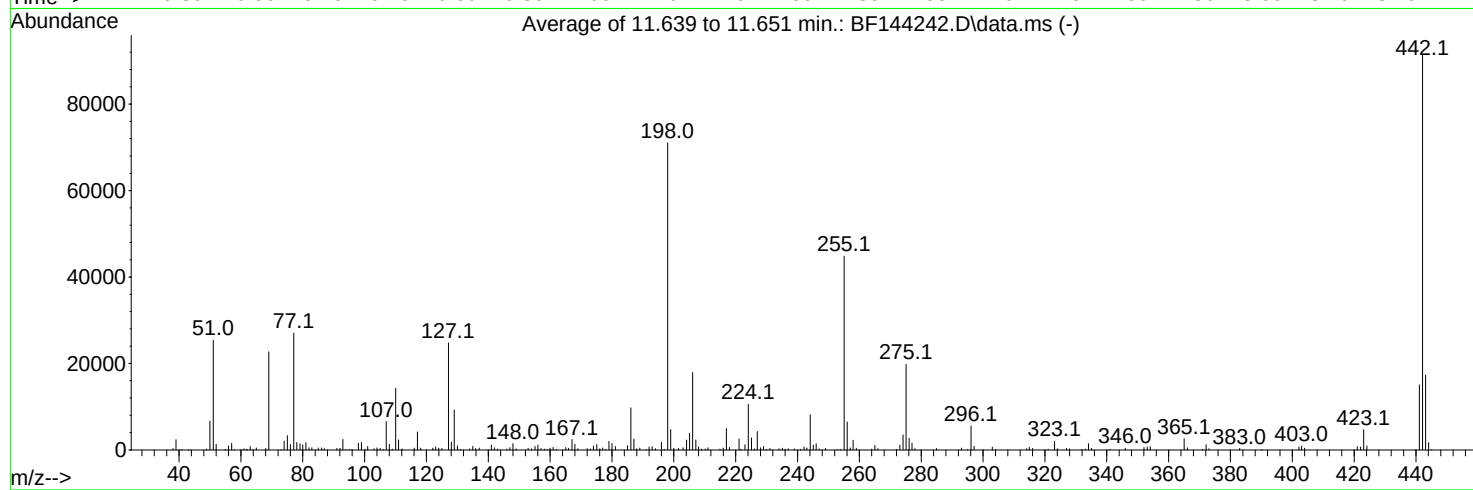
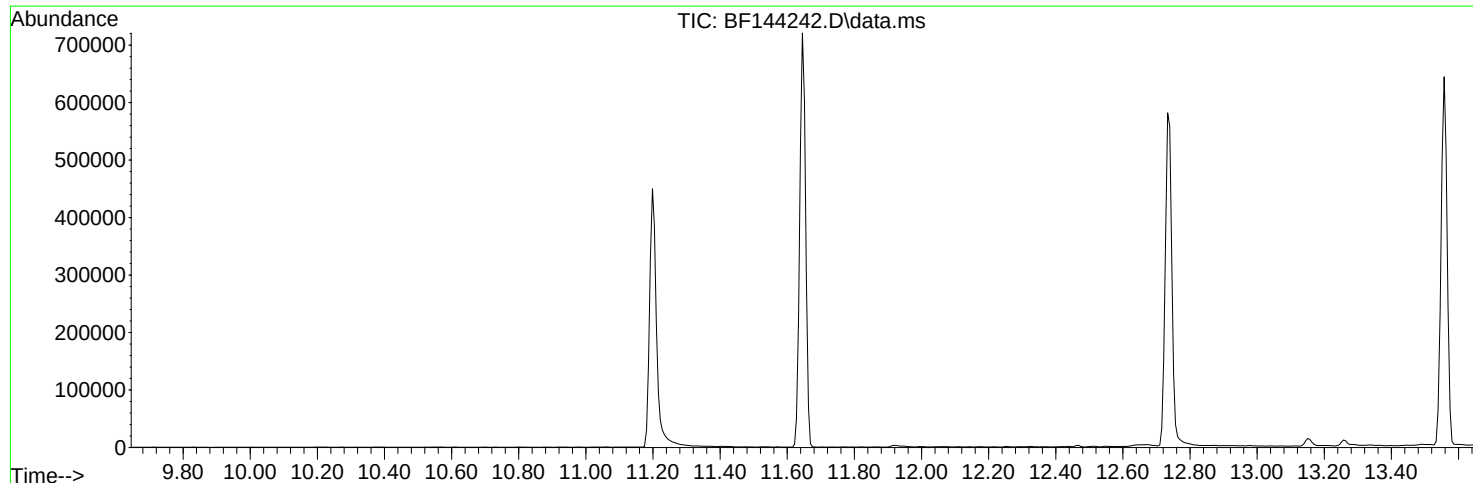
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144242.D
Acq On : 13 Nov 2025 14:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025



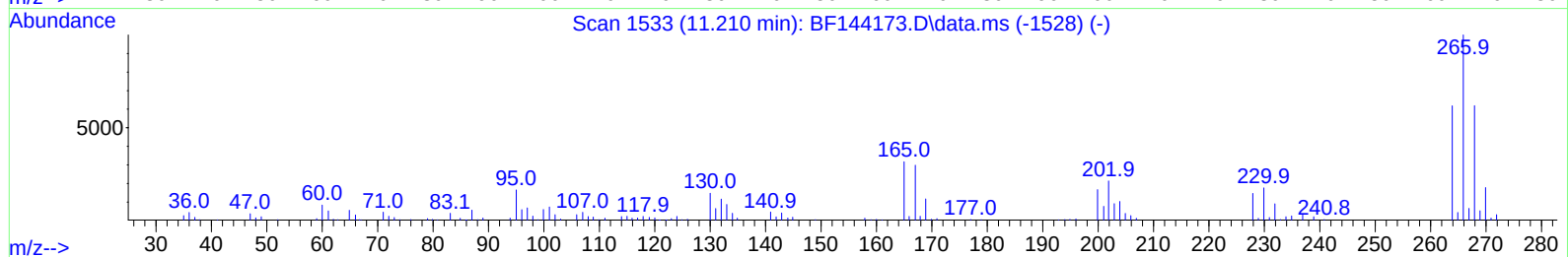
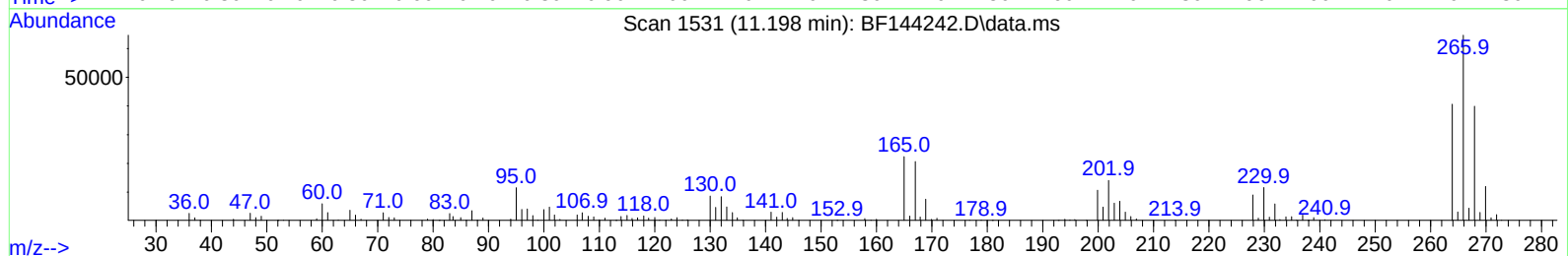
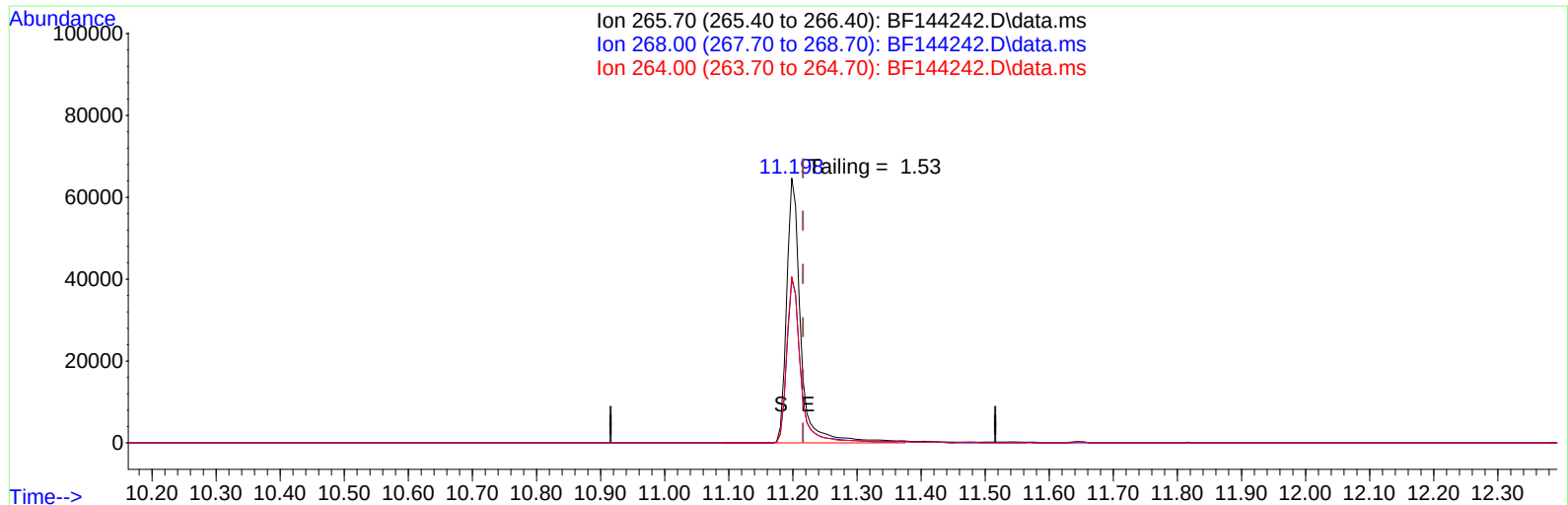
AutoFind: Scans 1606, 1607, 1608; Background Corrected with Scan 1600

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.5	342	PASS
69	69	100	100	100.0	22725	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.2	165	PASS
198	198	100	100	100.0	71013	PASS
199	198	5	9	6.7	4738	PASS
365	198	1	100	3.6	2591	PASS
441	443	0.01	150	86.9	15065	PASS
442	442	100	100	100.0	91344	PASS
443	442	15	24	19.0	17330	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144242.D
Acq On : 13 Nov 2025 14:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 13 15:07:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



TIC: BF144242.D\data.ms

(70) Pentachlorophenol (C)

11.198min (-0.017) 60191.23 ng

response 99588

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.90	61.71
264.00	61.80	62.80
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

Ion 184.00 (183.70 to 184.70): BF144242.D\data.ms
Ion 185.00 (184.70 to 185.70): BF144242.D\data.ms
Ion 183.00 (182.70 to 183.70): BF144242.D\data.ms

12.73
Bailing = 1.40
S E

Scan 1792 (12.733 min): BF144242.D\data.ms

Mass spectrum plot showing relative abundance versus m/z. The x-axis ranges from 30 to 210 m/z. The y-axis represents relative abundance from 0 to 200,000. The base peak is at m/z 184.2. Other labeled peaks include 39.0, 51.0, 65.1, 77.1, 84.5, 92.1, 102.1, 117.1, 130.1, 139.1, 156.1, 167.1, and 207.0.

m/z	Relative Abundance (approx)
39.0	20,000
51.0	20,000
65.1	20,000
77.1	20,000
84.5	20,000
92.1	20,000
102.1	20,000
117.1	20,000
130.1	20,000
139.1	20,000
156.1	20,000
167.1	20,000
184.2	200,000
207.0	20,000

Scan 1794 (12.745 min): BF144173.D\data.ms (-1788) (-)

m/z	Relative Abundance (approx)
39.0	Low
52.0	Low
65.1	Low
77.1	Low
84.3	Low
92.1	Low
102.1	Low
117.1	Low
130.1	Low
139.1	Low
156.1	Low
167.1	Low
184.2	High (Base Peak)
207.1	Low

TIC: BF144242.D\data.ms

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	13.60
183.00	10.40	10.83
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
11/13/2025	BNA_F	<u>BF144242.D</u>
Compound Name	Response	Retention Time
DDT	171177	13.557
DDD	4877	13.257
DDE	191	12.928
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
5068	176245	2.88

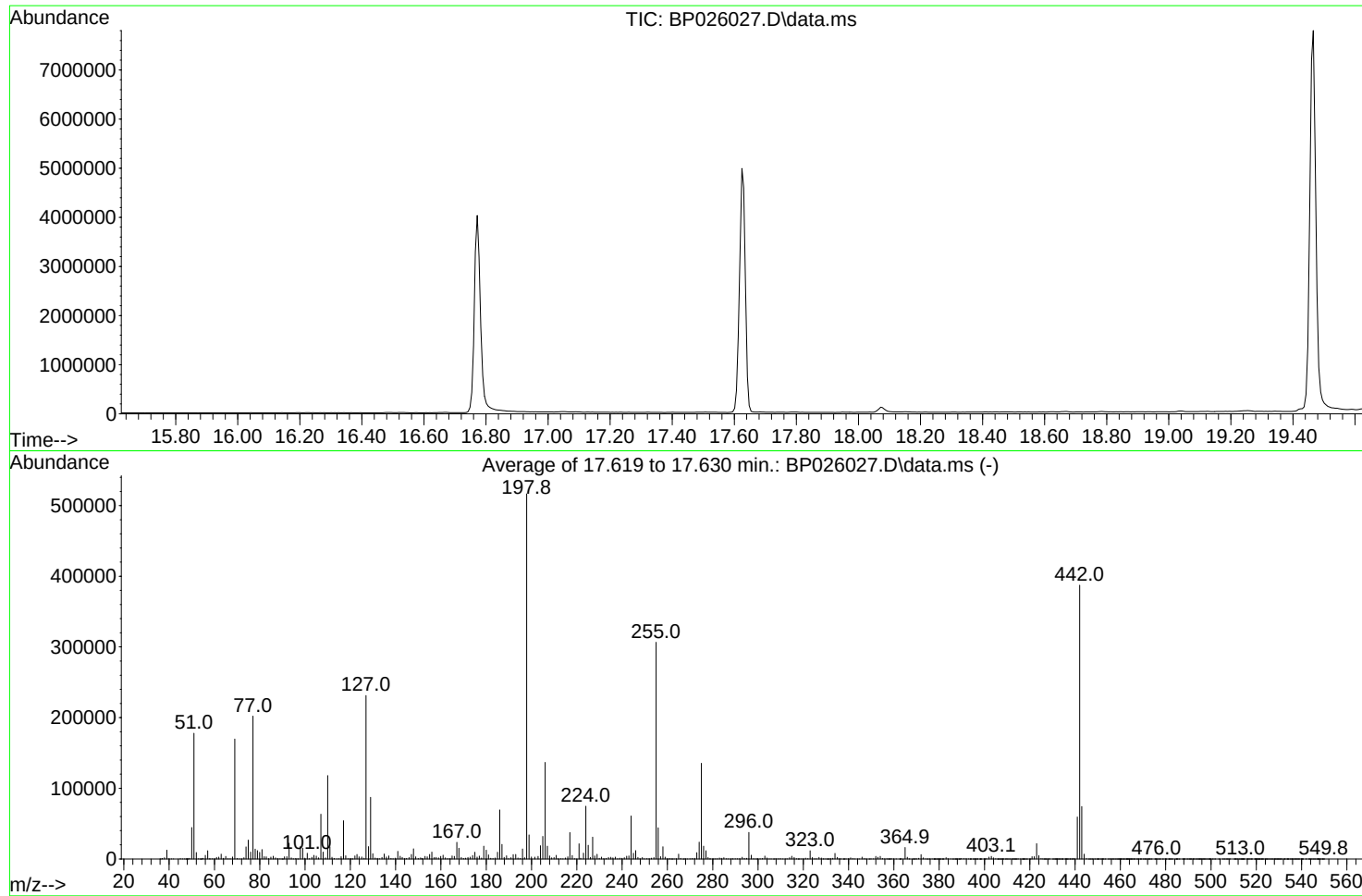
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026027.D
Acq On : 29 Oct 2025 08:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 30 11:51:34 2025



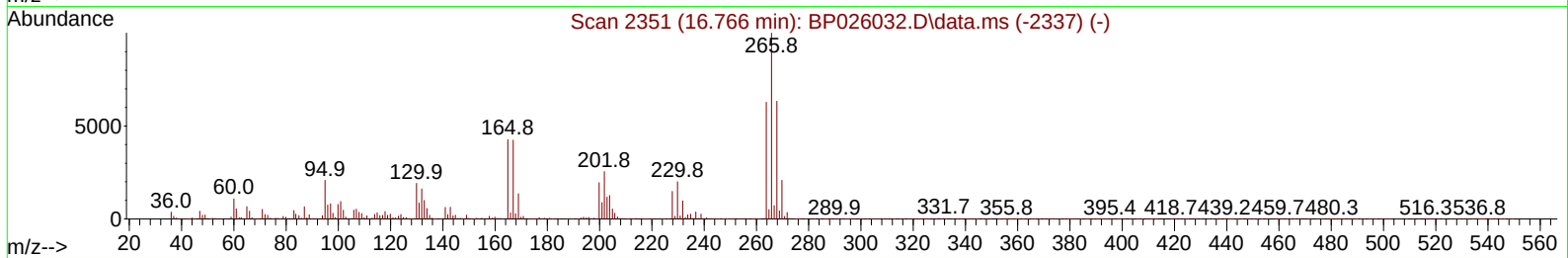
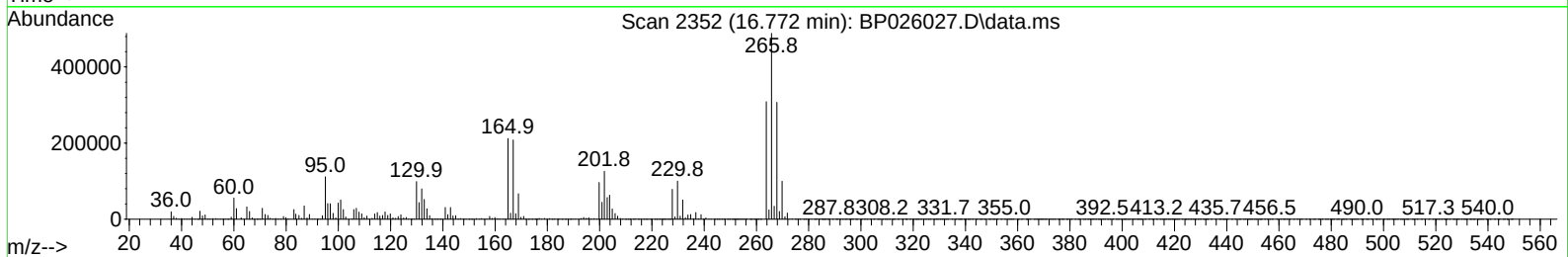
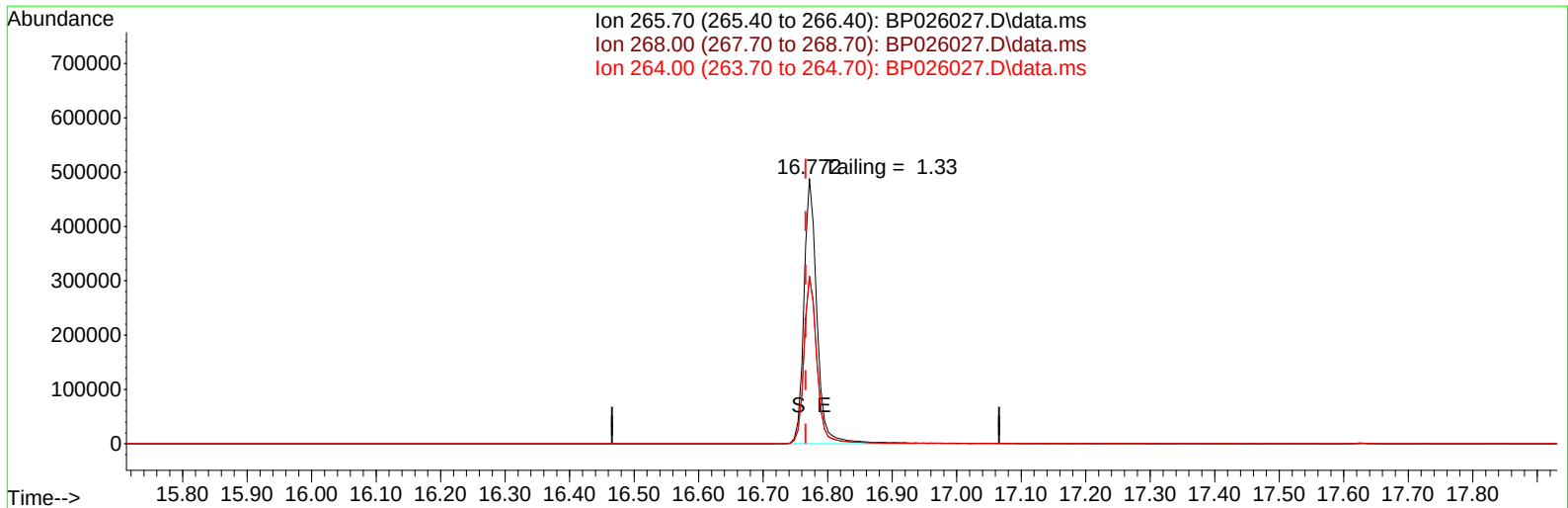
AutoFind: Scans 2496, 2497, 2498; Background Corrected with Scan 2484

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.6	2792	PASS
69	69	100	100	100.0	169765	PASS
70	69	0.00	2	0.4	752	PASS
197	198	0.00	2	0.4	1827	PASS
198	198	100	100	100.0	516572	PASS
199	198	5	9	6.6	34035	PASS
365	198	1	100	3.1	16180	PASS
441	443	0.01	150	79.9	59342	PASS
442	442	100	100	100.0	387348	PASS
443	442	15	24	19.2	74271	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026027.D
Acq On : 29 Oct 2025 08:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Oct 29 15:04:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:02:40 2025
Response via : Initial Calibration



TIC: BP026027.D\data.ms

(70) Pentachlorophenol (C)

16.772min (+ 0.006) 52866.47 ng

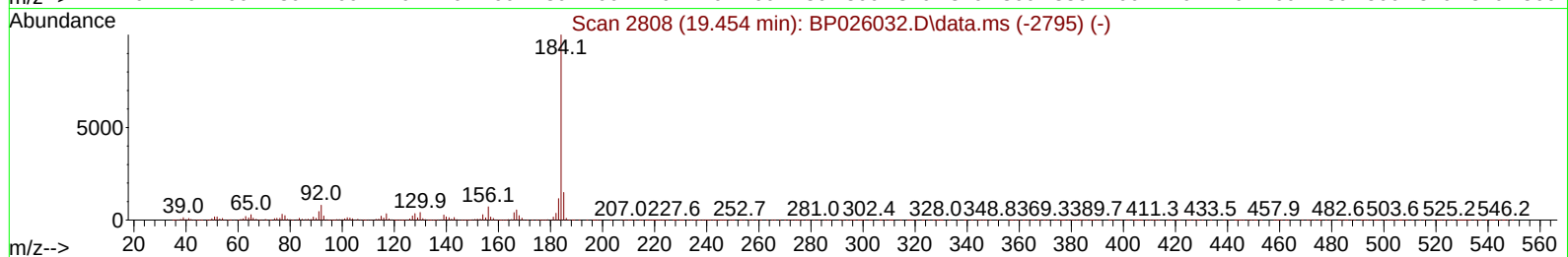
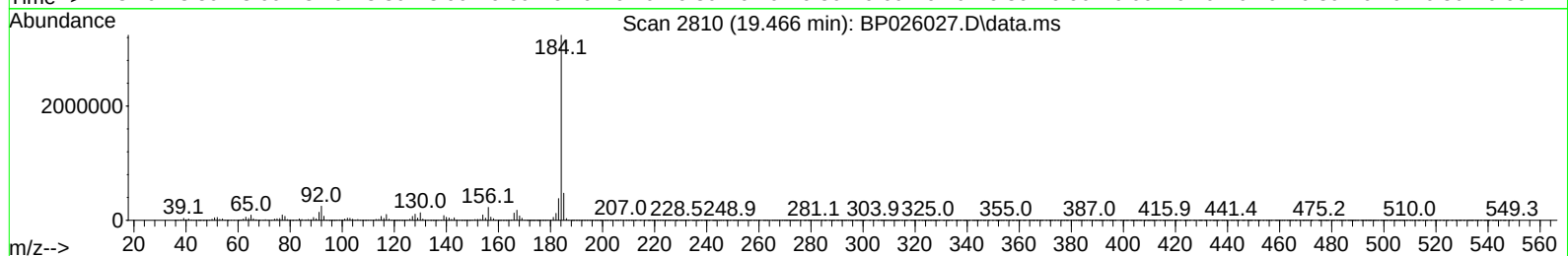
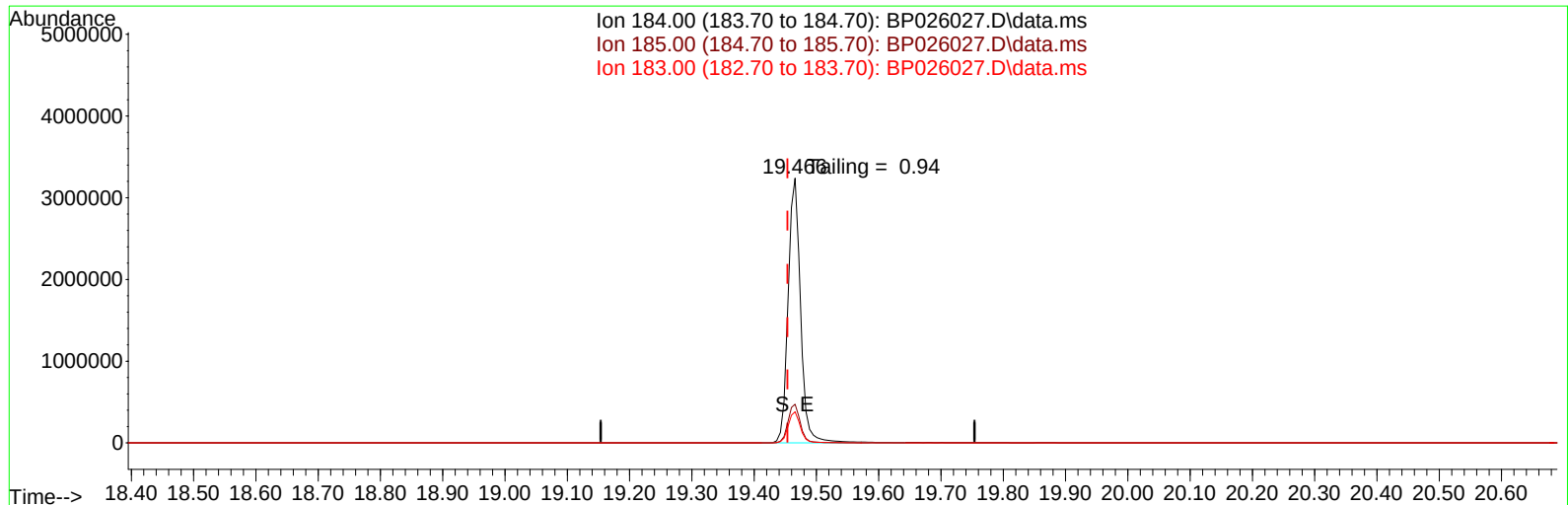
response 688723

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.30	62.93
264.00	62.80	63.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026027.D
Acq On : 29 Oct 2025 08:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Oct 29 15:04:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:02:40 2025
Response via : Initial Calibration



TIC: BP026027.D\data.ms

(77) Benzidine

19.466min (+ 0.012) 16317.24 ng

response 4546390

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.90	14.62
183.00	11.50	11.75
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
10/29/2025	BNA_P	<u>BP026027.D</u>
Compound Name	Response	Retention Time
DDT	1446445	20.766
DDD	18274	20.301
DDE	1074	19.866
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
19348	1465793	1.32

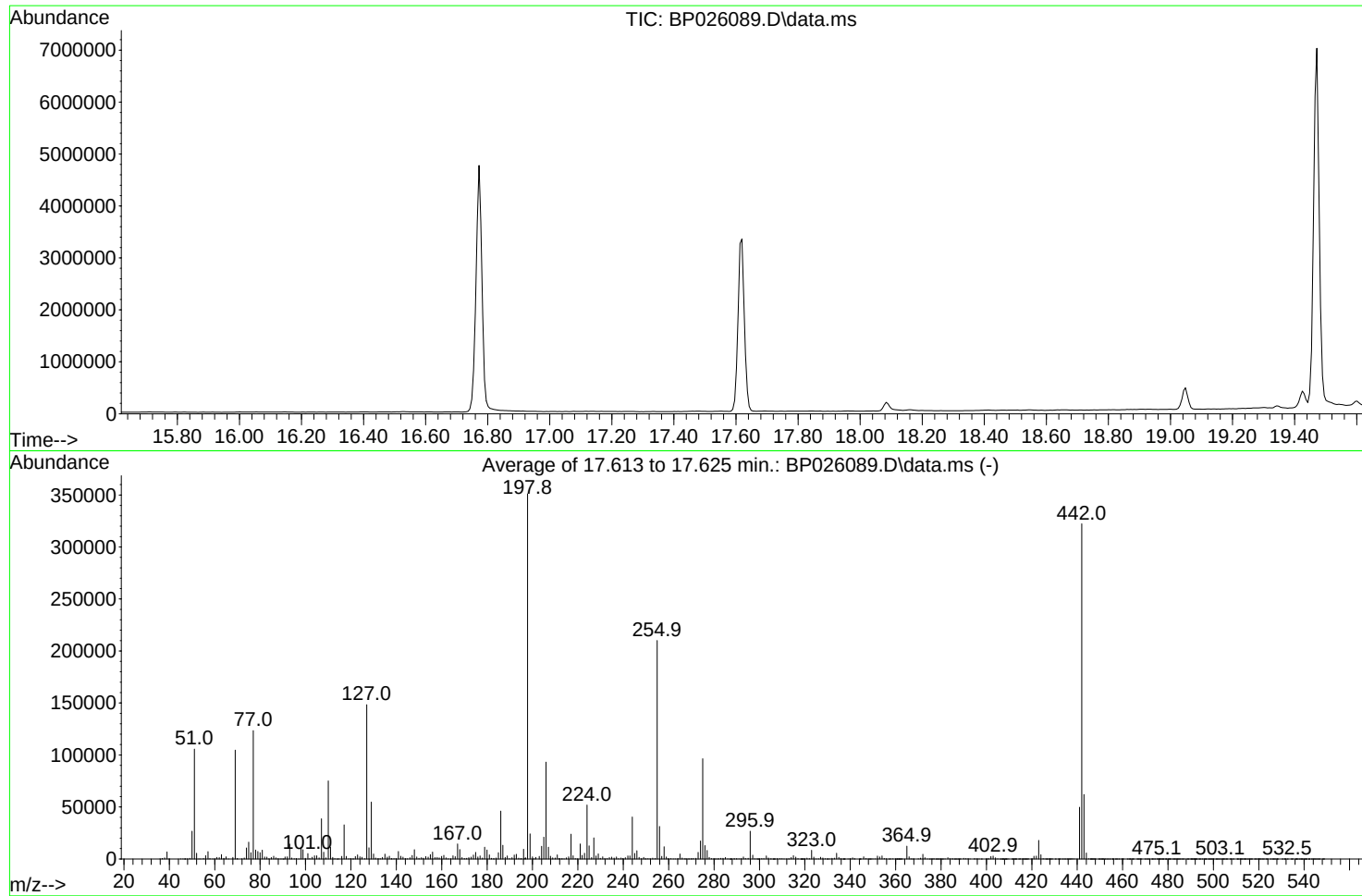
Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026089.D
Acq On : 11 Nov 2025 14:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 30 11:51:34 2025



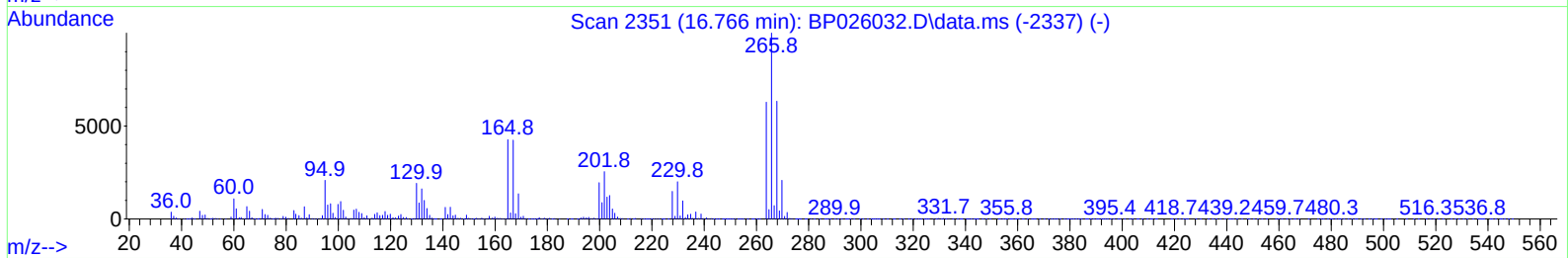
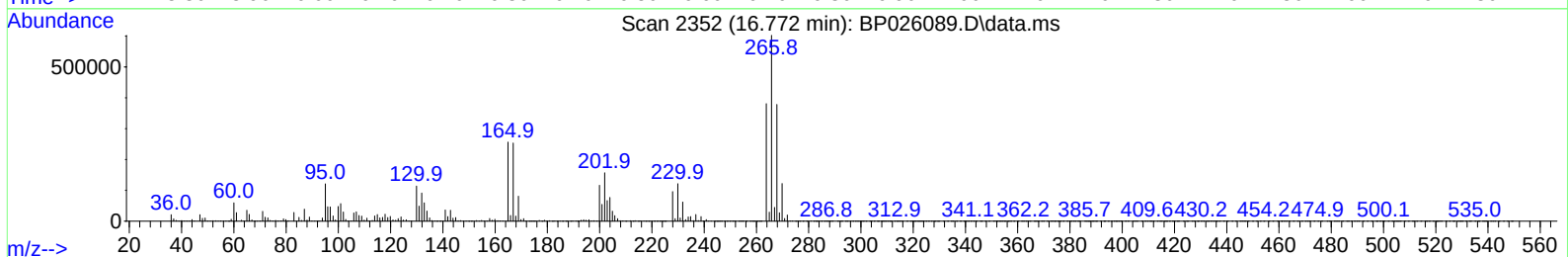
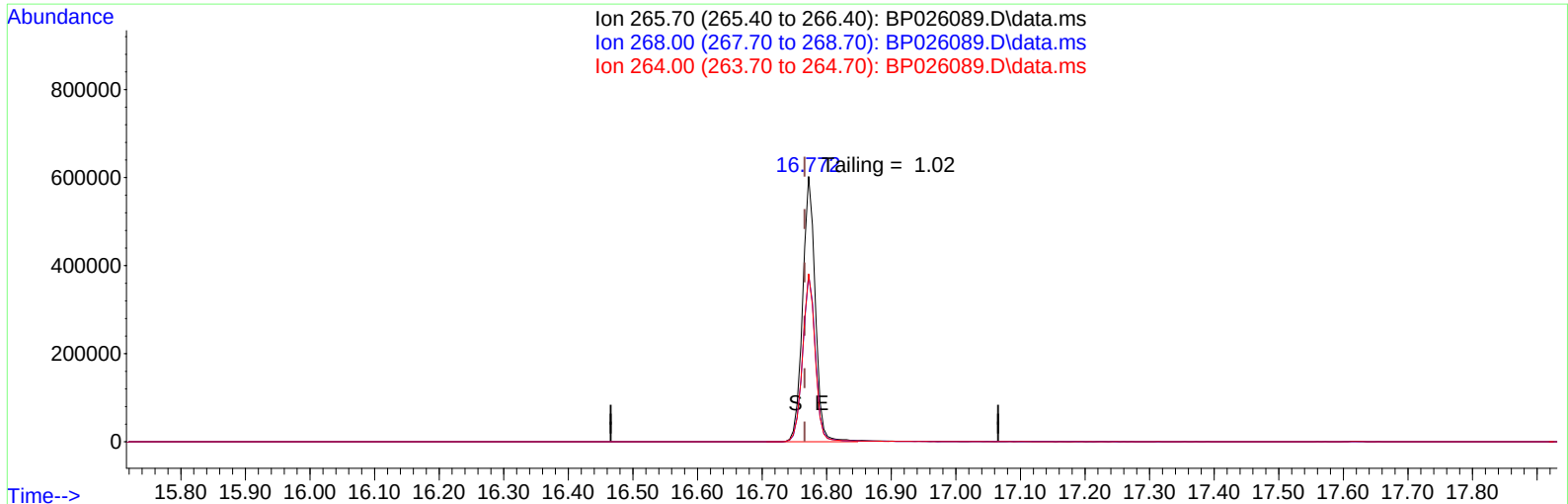
AutoFind: Scans 2495, 2496, 2497; Background Corrected with Scan 2485

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.5	1554	PASS
69	69	100	100	100.0	104622	PASS
70	69	0.00	2	0.3	304	PASS
197	198	0.00	2	0.3	1073	PASS
198	198	100	100	100.0	351105	PASS
199	198	5	9	6.9	24080	PASS
365	198	1	100	3.5	12262	PASS
441	443	0.01	150	80.2	49693	PASS
442	442	100	100	100.0	322318	PASS
443	442	15	24	19.2	61960	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026089.D
Acq On : 11 Nov 2025 14:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Nov 11 15:18:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



TIC: BP026089.D\data.ms

(70) Pentachlorophenol (C)

16.772min (+ 0.006) 1462042.63 ng

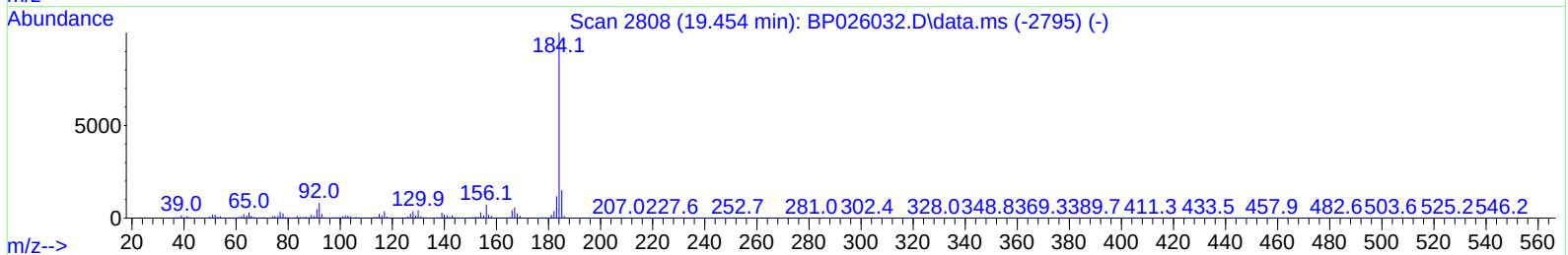
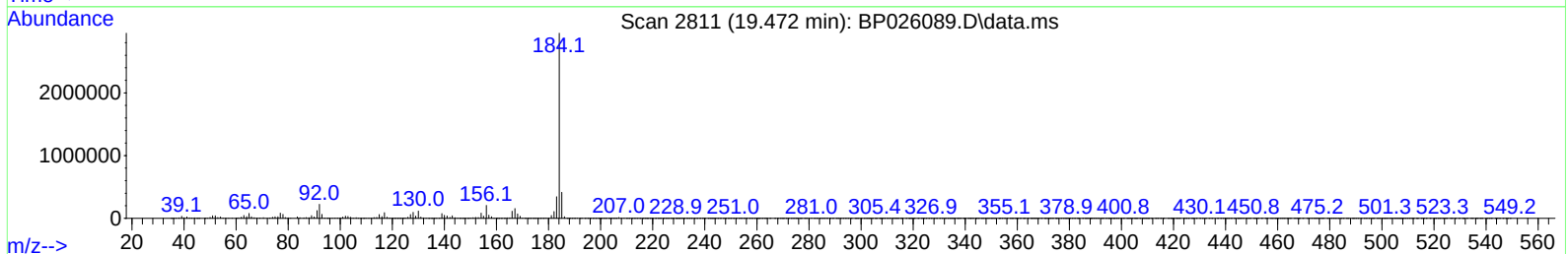
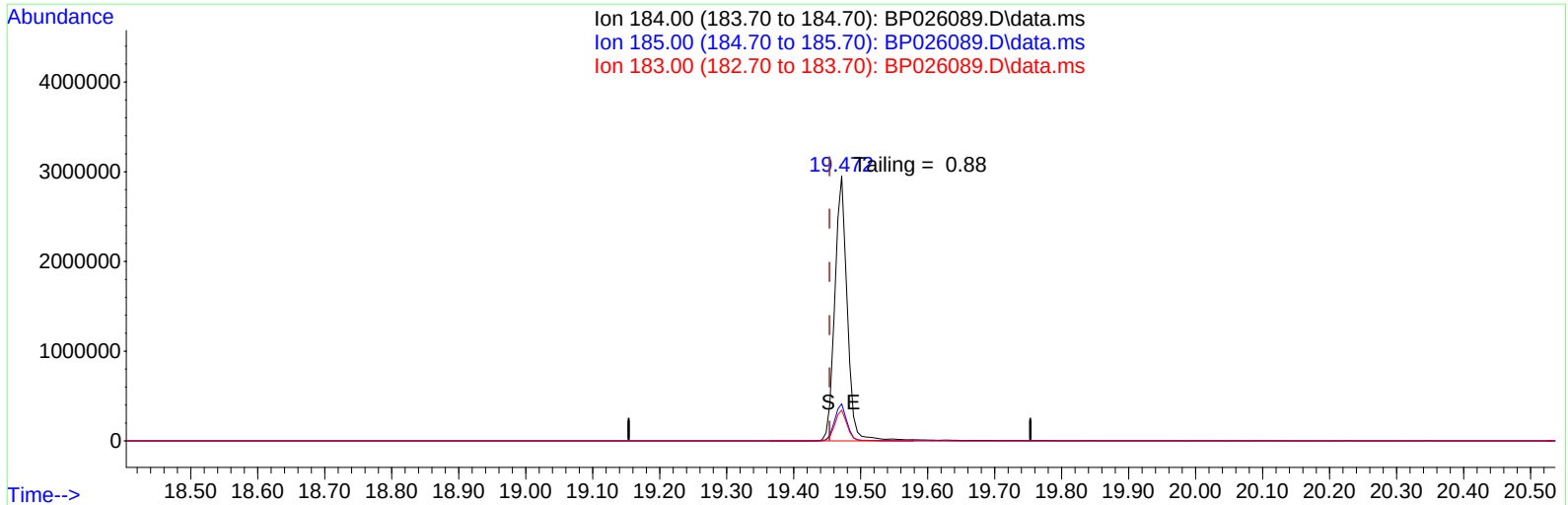
response 823223

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.30	62.80
264.00	62.80	63.26
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026089.D
Acq On : 11 Nov 2025 14:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Nov 11 15:18:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration



TIC: BP026089.D\data.ms

(77) Benzidine**19.472min (+ 0.018) 657528.85 ng****response 3788584**

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.90	14.00
183.00	11.50	11.65
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
11/11/2025	BNA_P	<u>BP026089.D</u>
Compound Name	Response	Retention Time
DDT	1683922	20.783
DDD	39274	20.319
DDE	2890	19.784
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
42164	1726086	2.44

Instrument :
BNA_P
ClientSampleId :
DFTPP

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected:	
Project: Edison Landfill	Date Received:	
Client Sample ID: PB170473BL	SDG No.:	Q3584
Lab Sample ID: PB170473BL	Matrix:	Water
Analytical Method: 8270E	% Solid:	0
Sample Wt/Vol: 1000 mL	Test:	SVOC-TCL BNA -20
Prep Method : 3510C	Level: LOW	
	Final Vol: 1000 uL	
	Prep Date: 11/10/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	3.90	U	1	3.90	10.0	ug/L	11/13/25 15:25	PB170473
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/13/25 15:25	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/13/25 15:25	PB170473
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/13/25 15:25	PB170473
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	11/13/25 15:25	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/13/25 15:25	PB170473
98-86-2	Acetophenone	0.74	U	1	0.74	5.00	ug/L	11/13/25 15:25	PB170473
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	11/13/25 15:25	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/13/25 15:25	PB170473
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/13/25 15:25	PB170473
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/13/25 15:25	PB170473
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/13/25 15:25	PB170473
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/13/25 15:25	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/13/25 15:25	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/13/25 15:25	PB170473
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/13/25 15:25	PB170473
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/13/25 15:25	PB170473
106-47-8	4-Chloroaniline	0.84	U	1	0.84	5.00	ug/L	11/13/25 15:25	PB170473
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/13/25 15:25	PB170473
105-60-2	Caprolactam	1.10	U	1	1.10	10.0	ug/L	11/13/25 15:25	PB170473
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/13/25 15:25	PB170473
91-57-6	2-Methylnaphthalene	0.56	U	1	0.56	5.00	ug/L	11/13/25 15:25	PB170473
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/13/25 15:25	PB170473
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/13/25 15:25	PB170473
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	11/13/25 15:25	PB170473
92-52-4	1,1-Biphenyl	0.53	U	1	0.53	5.00	ug/L	11/13/25 15:25	PB170473
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/13/25 15:25	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.00	ug/L	11/13/25 15:25	PB170473
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/13/25 15:25	PB170473
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/13/25 15:25	PB170473
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/13/25 15:25	PB170473
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.00	ug/L	11/13/25 15:25	PB170473
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/13/25 15:25	PB170473
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/13/25 15:25	PB170473
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/13/25 15:25	PB170473
132-64-9	Dibenzofuran	0.61	U	1	0.61	5.00	ug/L	11/13/25 15:25	PB170473
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/13/25 15:25	PB170473
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/13/25 15:25	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/13/25 15:25	PB170473
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/13/25 15:25	PB170473
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.00	ug/L	11/13/25 15:25	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/13/25 15:25	PB170473



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client: Remington & Vernick Engineers

Project: Edison Landfill

Client Sample ID: PB170473BL

Lab Sample ID: PB170473BL

Analytical Method: 8270E Level: LOW

Sample Wt/Vol: 1000 mL Final Vol: 1000 uL

Prep Method : 3510C Prep Date: 11/10/25

Date Collected:

Date Received:

SDG No.: Q3584

Matrix: Water

% Solid: 0

Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	11/13/25 15:25	PB170473
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/13/25 15:25	PB170473
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/13/25 15:25	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.00	ug/L	11/13/25 15:25	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/13/25 15:25	PB170473
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/13/25 15:25	PB170473
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/13/25 15:25	PB170473
86-74-8	Carbazole	0.72	U	1	0.72	5.00	ug/L	11/13/25 15:25	PB170473
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/13/25 15:25	PB170473
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/13/25 15:25	PB170473
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/13/25 15:25	PB170473
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/13/25 15:25	PB170473
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/13/25 15:25	PB170473
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/13/25 15:25	PB170473
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/13/25 15:25	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	11/13/25 15:25	PB170473
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/13/25 15:25	PB170473
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/13/25 15:25	PB170473
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/13/25 15:25	PB170473
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/13/25 15:25	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/13/25 15:25	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/13/25 15:25	PB170473
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/13/25 15:25	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/13/25 15:25	PB170473
123-91-1	1,4-Dioxane	1.00	U	1	1.00	5.00	ug/L	11/13/25 15:25	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	1	0.72	5.00	ug/L	11/13/25 15:25	PB170473

SURROGATES

367-12-4	2-Fluorophenol	119		15 (10) - 110 (134)	79%	SPK: 150
13127-88-3	Phenol-d6	119		15 (10) - 110 (135)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.0		30 (39) - 130 (138)	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.8		30 (52) - 130 (132)	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	122		15 (44) - 110 (137)	82%	SPK: 150
1718-51-0	Terphenyl-d14	95.0		30 (42) - 130 (152)	95%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	58200
1146-65-2	Naphthalene-d8	226000
15067-26-2	Acenaphthene-d10	129000
1517-22-2	Phenanthrene-d10	235000
1719-03-5	Chrysene-d12	125000
1520-96-3	Perylene-d12	147000



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	
Project:	Edison Landfill	Date Received:	
Client Sample ID:	PB170473BL	SDG No.:	Q3584
Lab Sample ID:	PB170473BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	1000 mL		
	Final Vol: 1000 uL		
Prep Method :	3510C		
	Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144244.D
 Acq On : 13 Nov 2025 15:25
 Operator : RC/JU
 Sample : PB170473BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170473BL

Quant Time: Nov 13 15:46:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58185	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	226377	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	128860	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	235212	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	125254	20.000	ng	0.00
86) Perylene-d12	15.521	264	146599	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	442296	118.955	ng	0.00
7) Phenol-d6	6.498	99	503178	119.434	ng	0.00
23) Nitrobenzene-d5	7.428	82	329373	84.032	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	198023	122.460	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	705126	80.818	ng	0.00
79) Terphenyl-d14	12.986	244	748766	94.955	ng	0.00

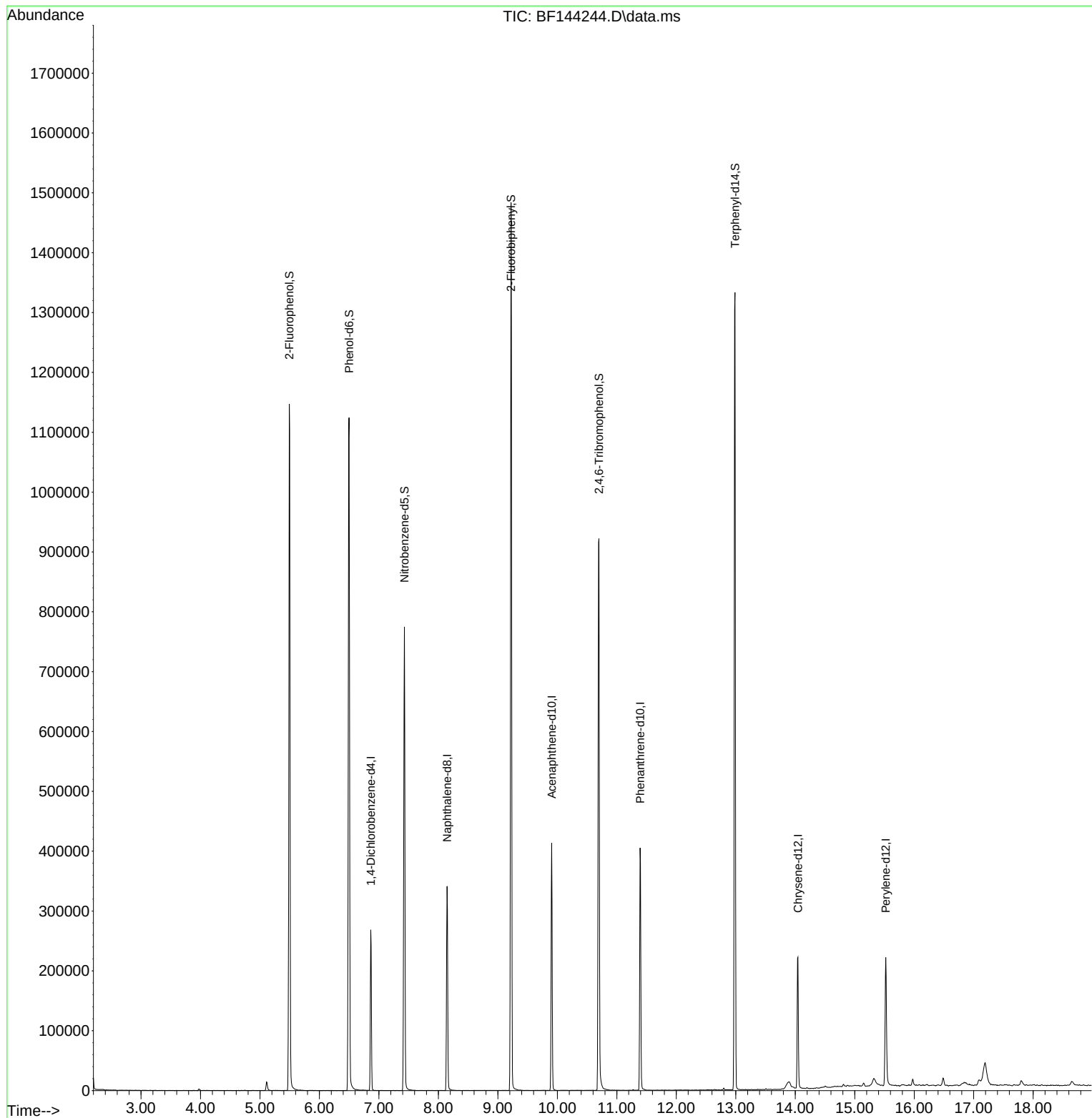
Target Compounds	Qvalue

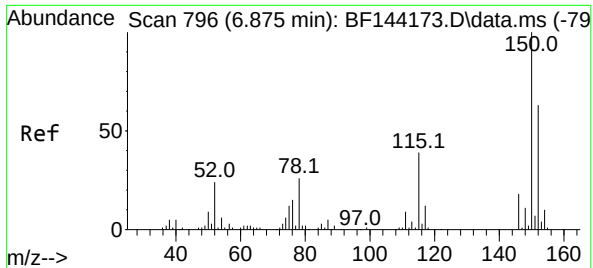
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Quant Time: Nov 13 15:46:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

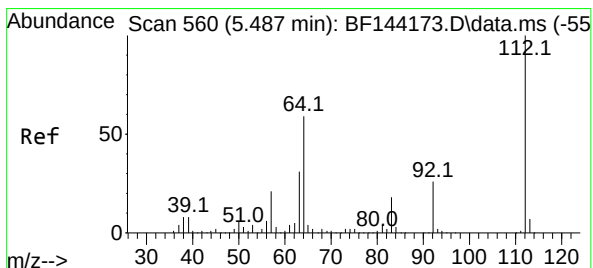
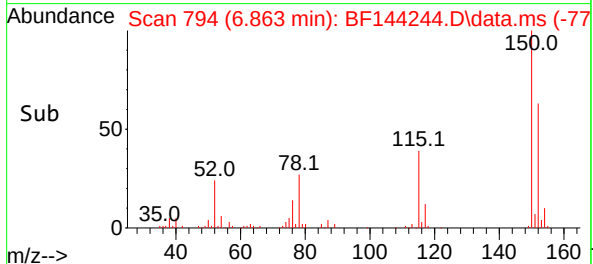
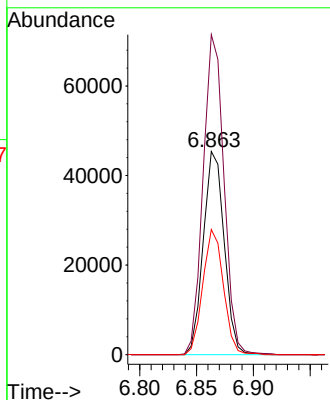
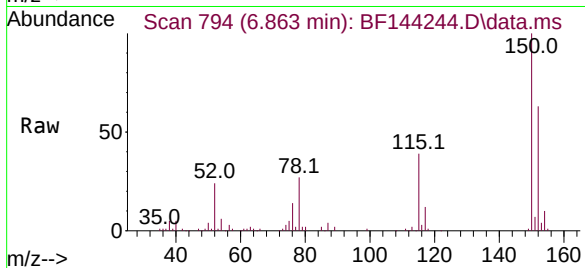




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

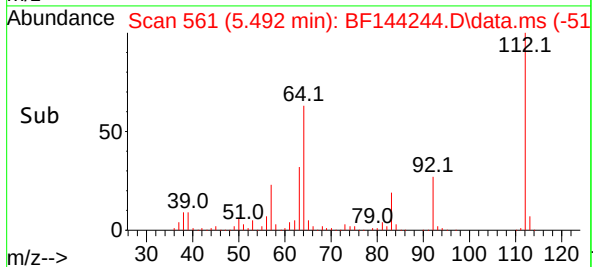
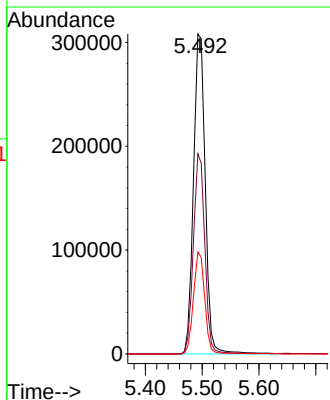
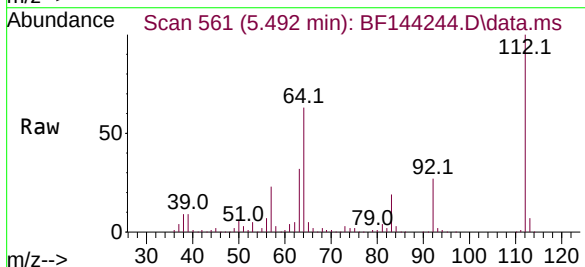
Instrument :
BNA_F
ClientSampleId :
PB170473BL

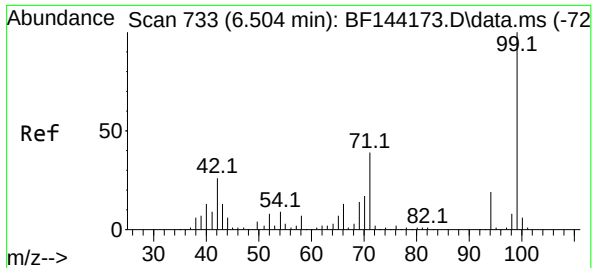
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.4	191.0
115	61.5	49.5	74.3



#5
2-Fluorophenol
Concen: 118.955 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.2	70.8
63	31.8	24.4	36.6

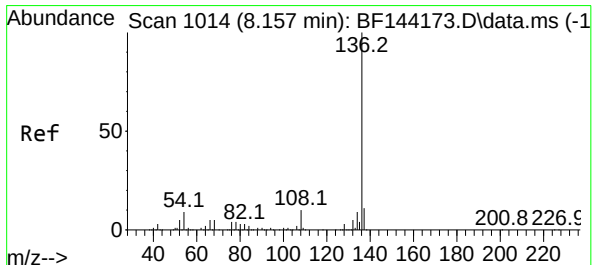
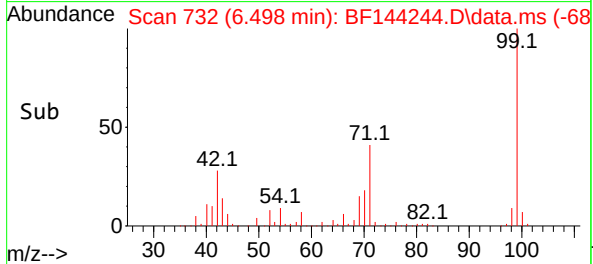
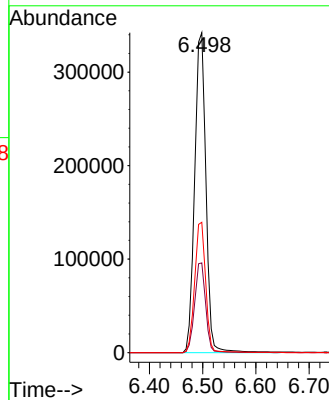
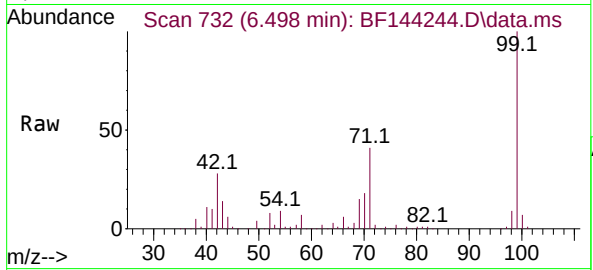




#7
Phenol-d6
Concen: 119.434 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

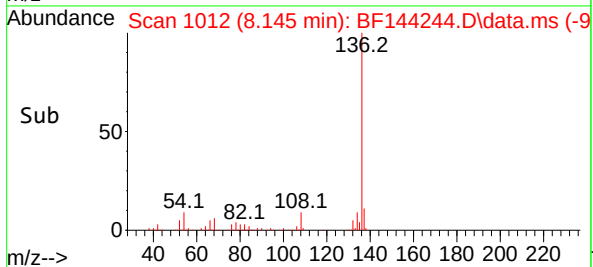
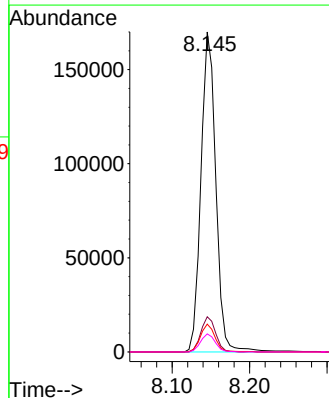
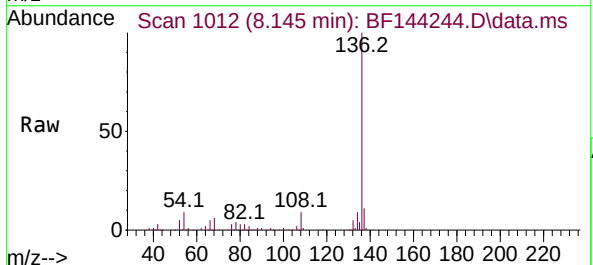
Instrument :
BNA_F
ClientSampleId :
PB170473BL

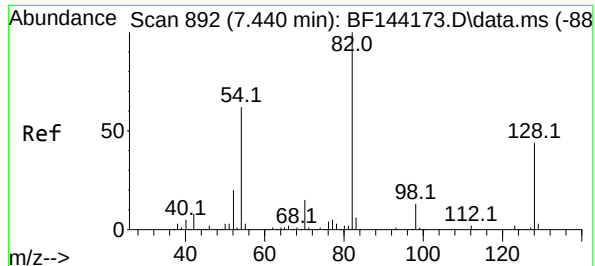
Tgt Ion: 99 Resp: 503178
Ion Ratio Lower Upper
99 100
42 28.1 20.9 31.3
71 40.7 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion: 136 Resp: 226377
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 7.0 10.6
68 5.6 4.3 6.5





#23

Nitrobenzene-d5

Concen: 84.032 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144244.D

Acq: 13 Nov 2025 15:25

Instrument :

BNA_F

ClientSampleId :

PB170473BL

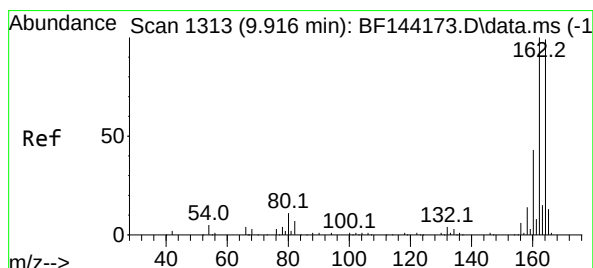
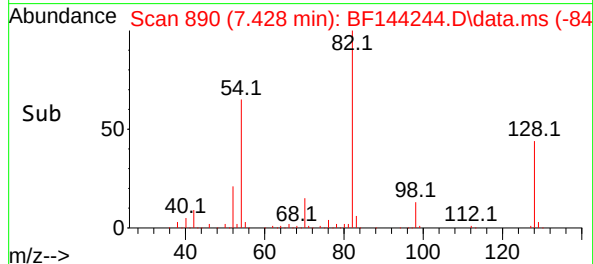
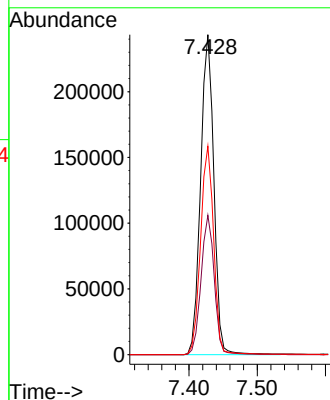
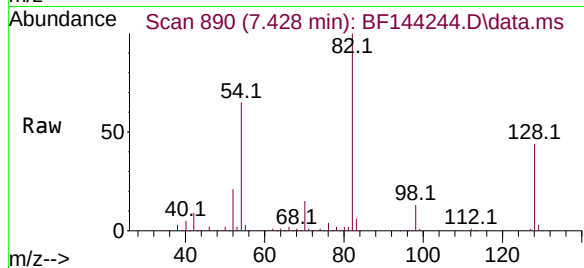
Tgt Ion: 82 Resp: 329373

Ion Ratio Lower Upper

82 100

128 43.5 34.7 52.1

54 65.1 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF144244.D

Acq: 13 Nov 2025 15:25

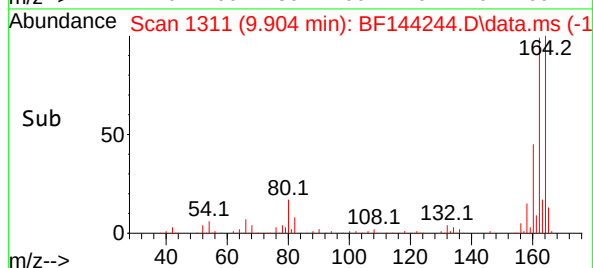
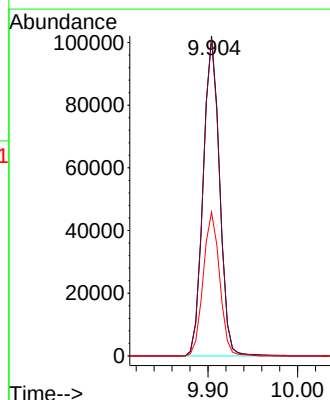
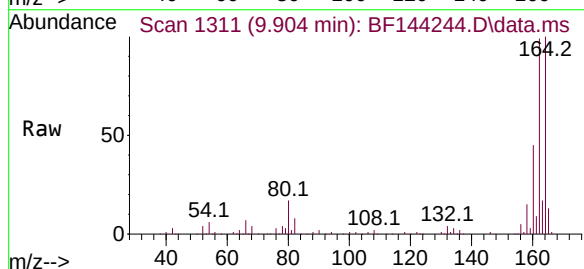
Tgt Ion:164 Resp: 128860

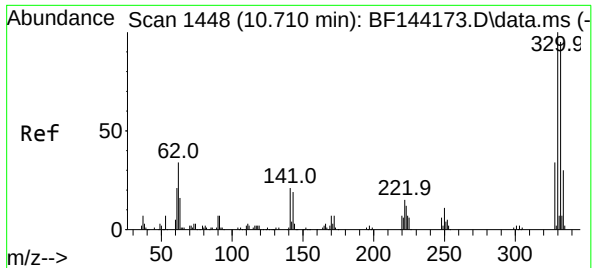
Ion Ratio Lower Upper

164 100

162 99.2 81.1 121.7

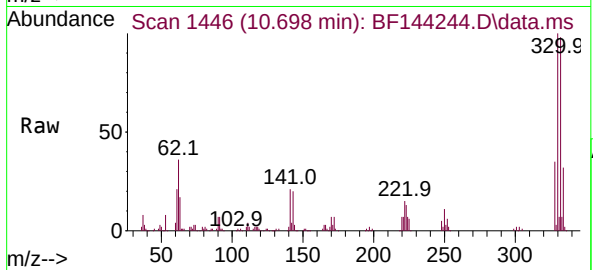
160 44.9 34.5 51.7



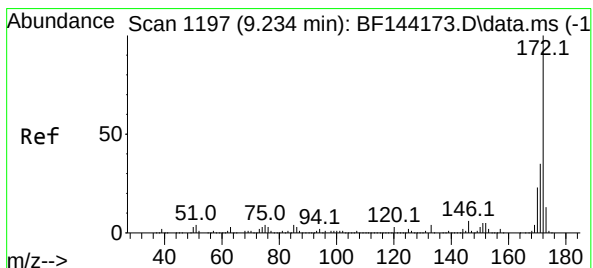
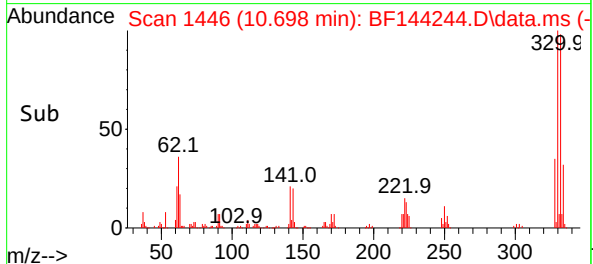
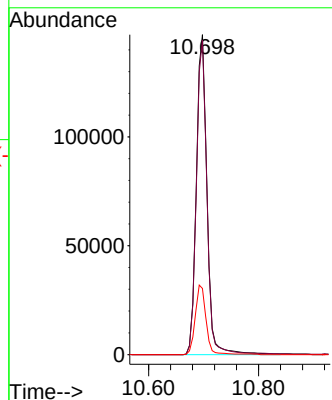


#42
2,4,6-Tribromophenol
Concen: 122.460 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Instrument :
BNA_F
ClientSampleId :
PB170473BL

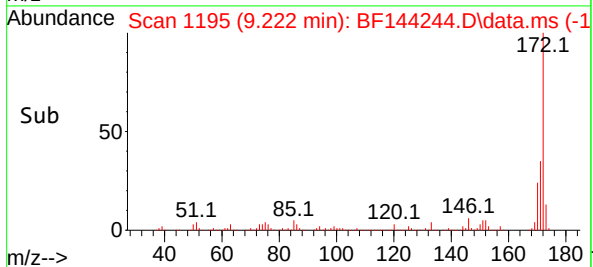
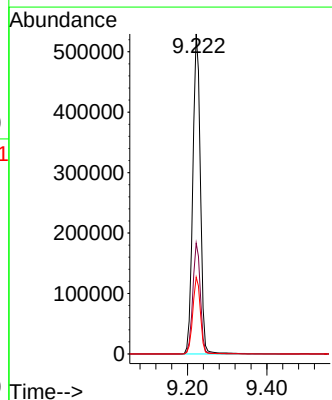
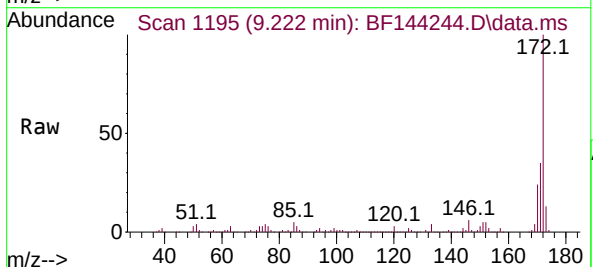


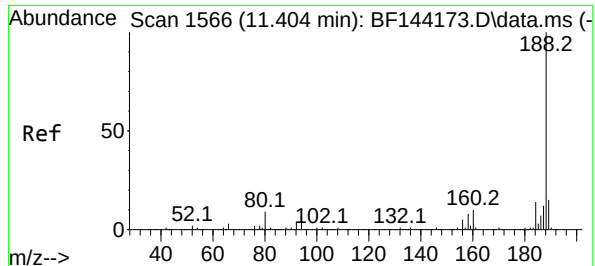
Tgt Ion:330 Resp: 198023
Ion Ratio Lower Upper
330 100
332 97.0 76.7 115.1
141 22.1 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 80.818 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144244.D
Acq: 13 Nov 2025 15:25

Tgt Ion:172 Resp: 705126
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 24.0 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144244.D

Acq: 13 Nov 2025 15:25

Instrument :

BNA_F

ClientSampleId :

PB170473BL

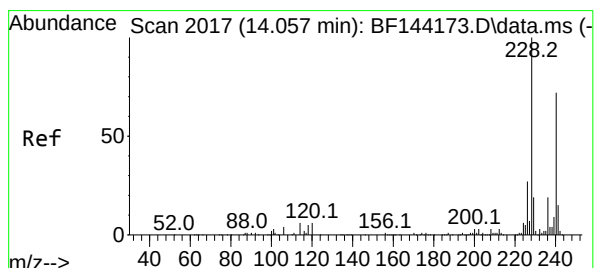
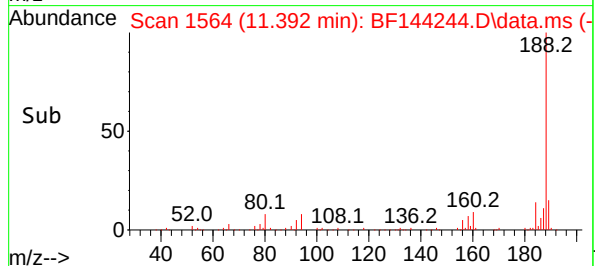
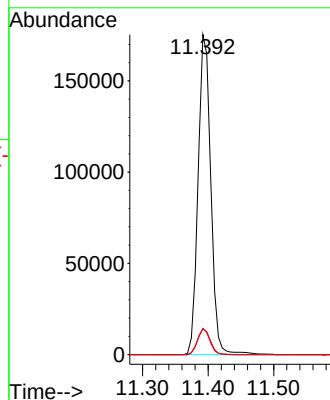
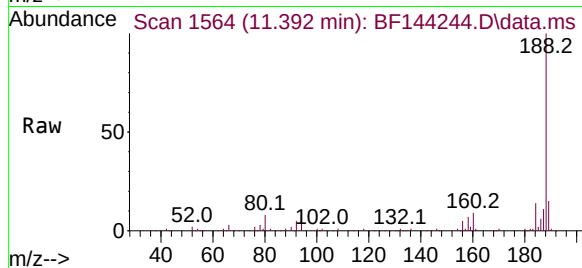
Tgt Ion:188 Resp: 235212

Ion Ratio Lower Upper

188 100

94 8.0 6.2 9.2

80 8.2 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144244.D

Acq: 13 Nov 2025 15:25

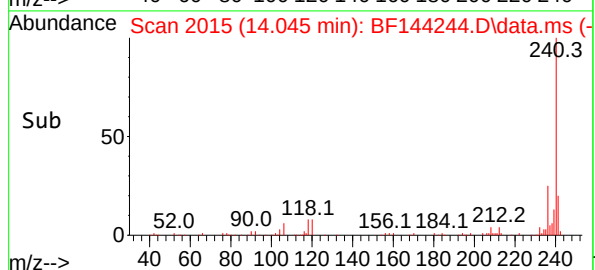
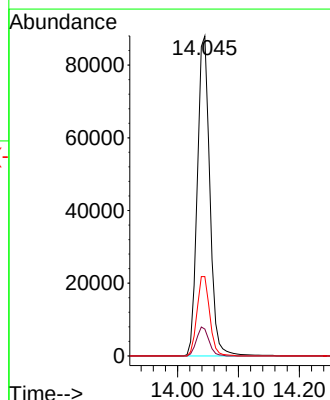
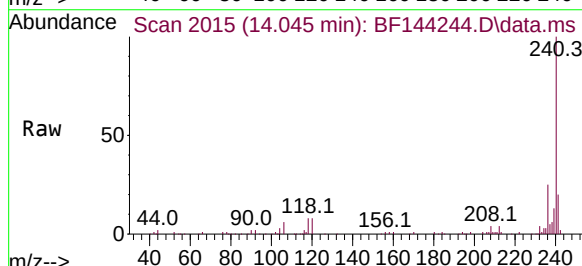
Tgt Ion:240 Resp: 125254

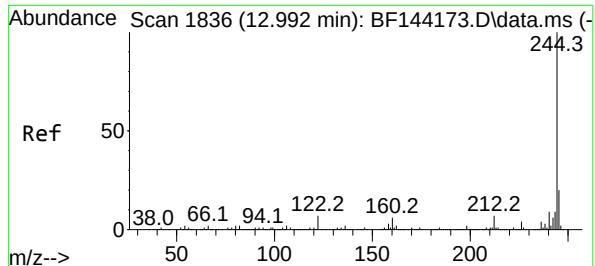
Ion Ratio Lower Upper

240 100

120 8.4 6.6 10.0

236 24.8 21.4 32.2





#79

Terphenyl-d14

Concen: 94.955 ng

RT: 12.986 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF144244.D

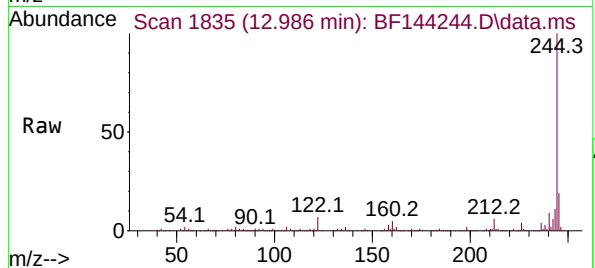
Acq: 13 Nov 2025 15:25

Instrument :

BNA_F

ClientSampleId :

PB170473BL



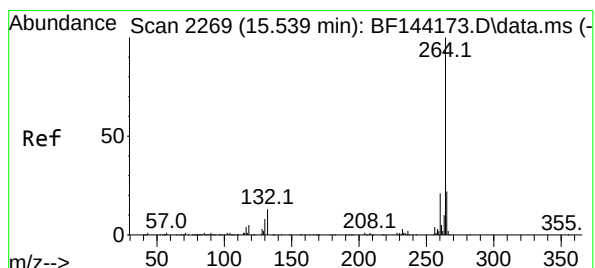
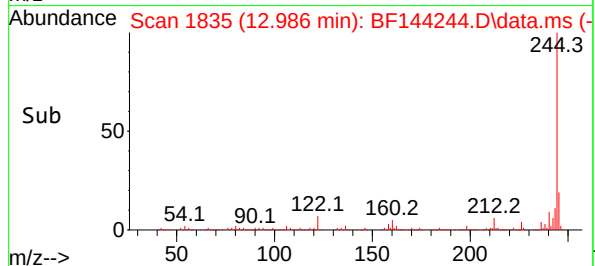
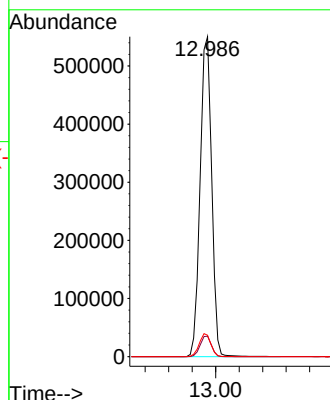
Tgt Ion:244 Resp: 748766

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

122 6.7 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF144244.D

Acq: 13 Nov 2025 15:25

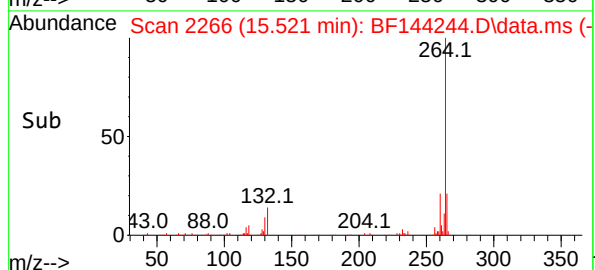
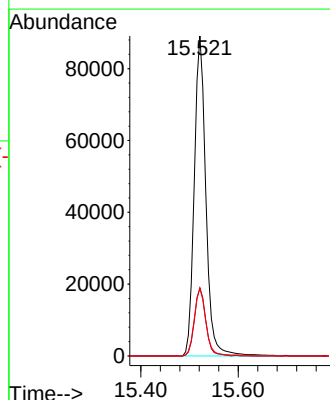
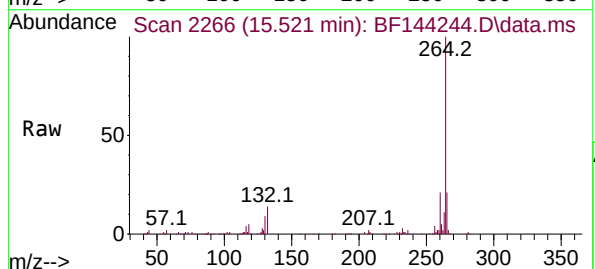
Tgt Ion:264 Resp: 146599

Ion Ratio Lower Upper

264 100

260 21.3 17.1 25.7

265 21.1 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144244.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	489	496	509	rBV	14232	24684	1.27%	0.204%
2	5.492	556	561	588	rBV	1146669	1596327	82.21%	13.172%
3	6.498	726	732	751	rBV	1124184	1627688	83.83%	13.431%
4	6.863	789	794	805	rVB	268525	337739	17.39%	2.787%
5	7.428	884	890	908	rBV	774534	1037948	53.46%	8.565%
6	8.145	1007	1012	1020	rBV	341110	443322	22.83%	3.658%
7	9.222	1189	1195	1217	rBV	1483418	1941711	100.00%	16.022%
8	9.904	1306	1311	1324	rBV	412855	518090	26.68%	4.275%
9	10.698	1440	1446	1480	rBV	921549	1286795	66.27%	10.618%
10	11.392	1559	1564	1584	rVB	404734	535355	27.57%	4.418%
11	12.986	1829	1835	1840	rBV	1331973	1807471	93.09%	14.915%
12	13.892	1973	1989	2006	rBV5	11973	66320	3.42%	0.547%
13	14.045	2009	2015	2026	rVB	218786	307574	15.84%	2.538%
14	15.321	2227	2232	2246	rVB8	10189	32017	1.65%	0.264%
15	15.521	2260	2266	2280	rBV	214032	353610	18.21%	2.918%
16	16.486	2425	2430	2437	rVB3	12161	23475	1.21%	0.194%
17	17.192	2540	2550	2566	rVB2	36831	158141	8.14%	1.305%
18	17.798	2649	2653	2664	rVB6	7814	20527	1.06%	0.169%

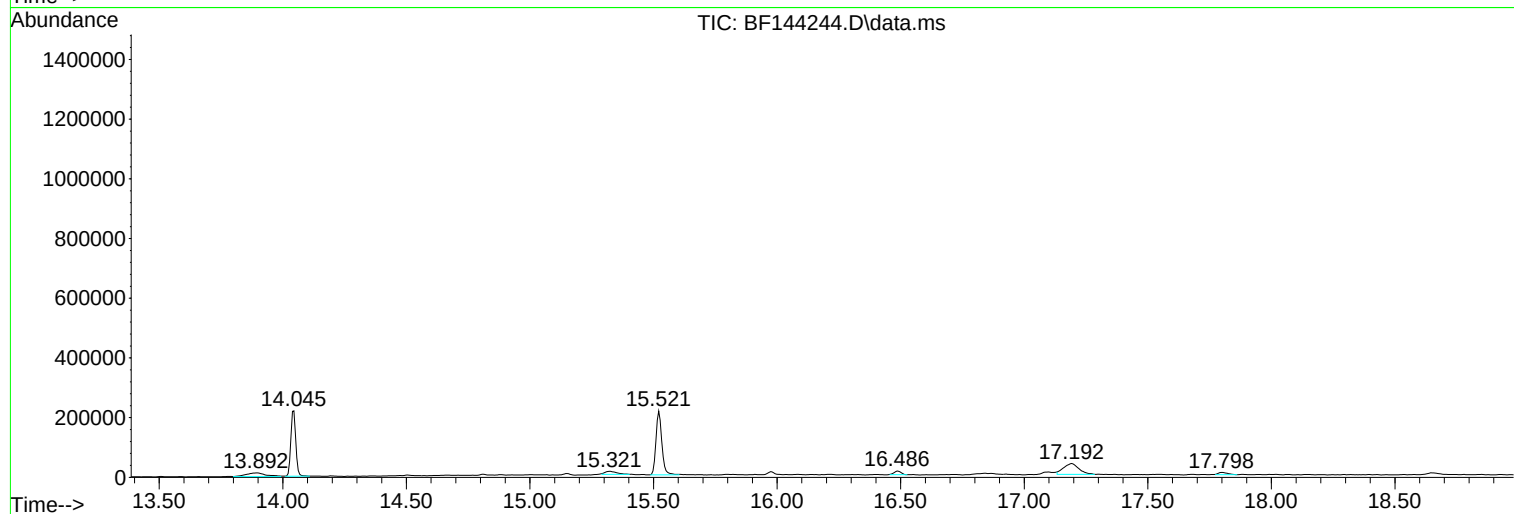
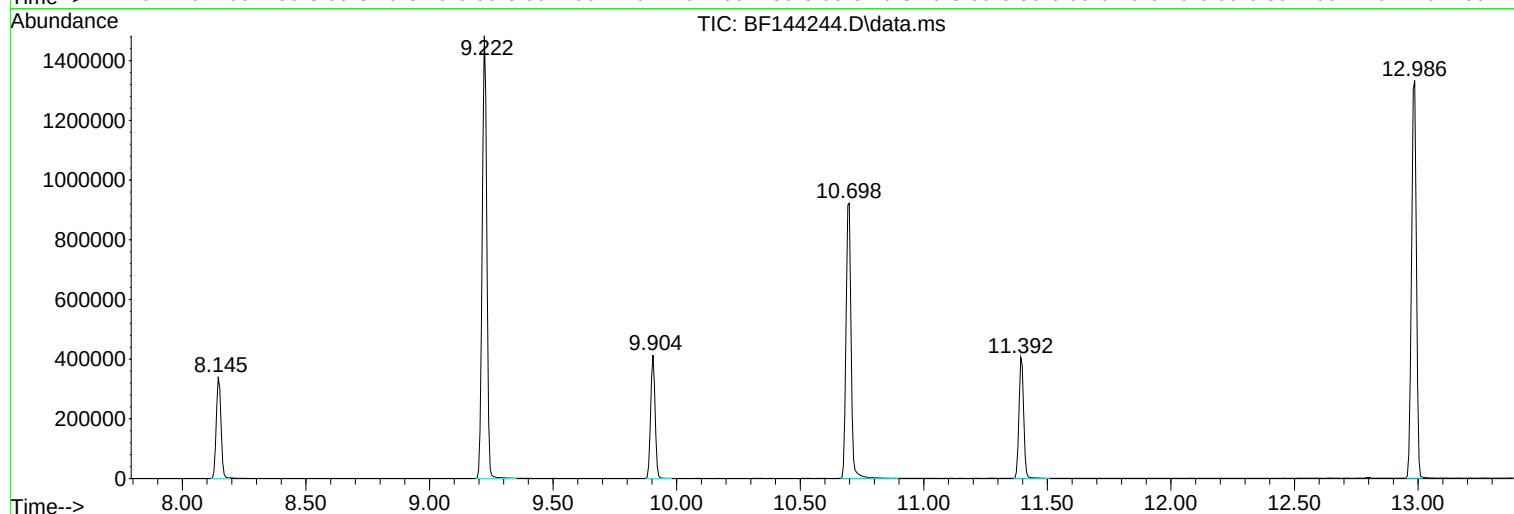
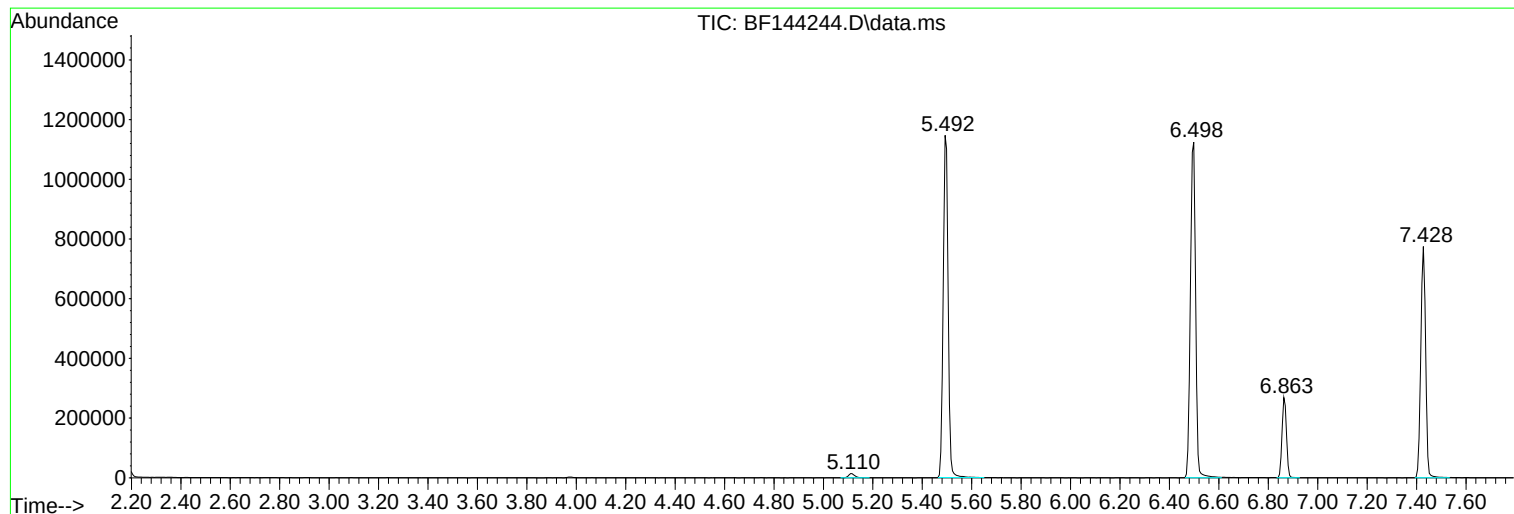
Sum of corrected areas: 12118794

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144244.D
Acq On : 13 Nov 2025 15:25
Operator : RC/JU
Sample : PB170473BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170473BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library :
TIC Integration Parameters: rteint.p

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected:
Project: Edison Landfill	Date Received:
Client Sample ID: PB170473BS	SDG No.: Q3584
Lab Sample ID: PB170473BS	Matrix: Water
Analytical Method: 8270E	% Solid: 0
Sample Wt/Vol: 1000 mL	Test: SVOC-TCL BNA -20
Prep Method : 3510C	
Level: LOW	
Final Vol: 1000 uL	
Prep Date: 11/10/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	40.6		1	3.90	10.0	ug/L	11/13/25 15:55	PB170473
108-95-2	Phenol	42.2		1	0.91	5.00	ug/L	11/13/25 15:55	PB170473
111-44-4	bis(2-Chloroethyl)ether	43.6		1	0.81	5.00	ug/L	11/13/25 15:55	PB170473
95-57-8	2-Chlorophenol	43.6		1	0.58	5.00	ug/L	11/13/25 15:55	PB170473
95-48-7	2-Methylphenol	43.6		1	1.10	5.00	ug/L	11/13/25 15:55	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	44.9		1	1.30	5.00	ug/L	11/13/25 15:55	PB170473
98-86-2	Acetophenone	42.9		1	0.74	5.00	ug/L	11/13/25 15:55	PB170473
65794-96-9	3+4-Methylphenols	43.0		1	1.10	10.0	ug/L	11/13/25 15:55	PB170473
621-64-7	n-Nitroso-di-n-propylamine	44.1		1	1.40	2.50	ug/L	11/13/25 15:55	PB170473
67-72-1	Hexachloroethane	43.6		1	0.65	5.00	ug/L	11/13/25 15:55	PB170473
98-95-3	Nitrobenzene	42.7		1	0.76	5.00	ug/L	11/13/25 15:55	PB170473
78-59-1	Isophorone	44.4		1	0.75	5.00	ug/L	11/13/25 15:55	PB170473
88-75-5	2-Nitrophenol	44.6		1	1.80	5.00	ug/L	11/13/25 15:55	PB170473
105-67-9	2,4-Dimethylphenol	48.4		1	1.90	5.00	ug/L	11/13/25 15:55	PB170473
111-91-1	bis(2-Chloroethoxy)methane	43.1		1	0.68	5.00	ug/L	11/13/25 15:55	PB170473
120-83-2	2,4-Dichlorophenol	40.8		1	0.52	5.00	ug/L	11/13/25 15:55	PB170473
91-20-3	Naphthalene	41.6		1	0.50	5.00	ug/L	11/13/25 15:55	PB170473
106-47-8	4-Chloroaniline	16.5		1	0.84	5.00	ug/L	11/13/25 15:55	PB170473
87-68-3	Hexachlorobutadiene	40.2		1	0.54	5.00	ug/L	11/13/25 15:55	PB170473
105-60-2	Caprolactam	45.9		1	1.10	10.0	ug/L	11/13/25 15:55	PB170473
59-50-7	4-Chloro-3-methylphenol	44.3		1	0.59	5.00	ug/L	11/13/25 15:55	PB170473
91-57-6	2-Methylnaphthalene	39.1		1	0.56	5.00	ug/L	11/13/25 15:55	PB170473
77-47-4	Hexachlorocyclopentadiene	96.1	E	1	3.60	10.0	ug/L	11/13/25 15:55	PB170473
88-06-2	2,4,6-Trichlorophenol	41.1		1	0.51	5.00	ug/L	11/13/25 15:55	PB170473
95-95-4	2,4,5-Trichlorophenol	40.7		1	0.62	5.00	ug/L	11/13/25 15:55	PB170473
92-52-4	1,1-Biphenyl	42.3		1	0.53	5.00	ug/L	11/13/25 15:55	PB170473
91-58-7	2-Chloronaphthalene	40.5		1	0.61	5.00	ug/L	11/13/25 15:55	PB170473
88-74-4	2-Nitroaniline	44.9		1	1.30	5.00	ug/L	11/13/25 15:55	PB170473
131-11-3	Dimethylphthalate	43.7		1	0.61	5.00	ug/L	11/13/25 15:55	PB170473
208-96-8	Acenaphthylene	46.9		1	0.75	5.00	ug/L	11/13/25 15:55	PB170473
606-20-2	2,6-Dinitrotoluene	46.6		1	0.92	5.00	ug/L	11/13/25 15:55	PB170473
99-09-2	3-Nitroaniline	26.0		1	1.10	5.00	ug/L	11/13/25 15:55	PB170473
83-32-9	Acenaphthene	37.6		1	0.55	5.00	ug/L	11/13/25 15:55	PB170473
51-28-5	2,4-Dinitrophenol	93.1	E	1	6.00	10.0	ug/L	11/13/25 15:55	PB170473
100-02-7	4-Nitrophenol	77.8		1	2.40	10.0	ug/L	11/13/25 15:55	PB170473
132-64-9	Dibenzofuran	40.4		1	0.61	5.00	ug/L	11/13/25 15:55	PB170473
121-14-2	2,4-Dinitrotoluene	46.2		1	1.20	5.00	ug/L	11/13/25 15:55	PB170473
84-66-2	Diethylphthalate	43.7		1	0.69	5.00	ug/L	11/13/25 15:55	PB170473
7005-72-3	4-Chlorophenyl-phenylether	40.5		1	0.68	5.00	ug/L	11/13/25 15:55	PB170473
86-73-7	Fluorene	42.8		1	0.63	5.00	ug/L	11/13/25 15:55	PB170473
100-01-6	4-Nitroaniline	44.6		1	1.50	5.00	ug/L	11/13/25 15:55	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	43.1		1	2.90	10.0	ug/L	11/13/25 15:55	PB170473

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected:	
Project: Edison Landfill	Date Received:	
Client Sample ID: PB170473BS	SDG No.:	Q3584
Lab Sample ID: PB170473BS	Matrix:	Water
Analytical Method: 8270E	% Solid:	0
Sample Wt/Vol: 1000 mL	Test:	SVOC-TCL BNA -20
Prep Method : 3510C		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	45.4		1	0.58	5.00	ug/L	11/13/25 15:55	PB170473
101-55-3	4-Bromophenyl-phenylether	42.7		1	0.40	5.00	ug/L	11/13/25 15:55	PB170473
118-74-1	Hexachlorobenzene	43.5		1	0.52	5.00	ug/L	11/13/25 15:55	PB170473
1912-24-9	Atrazine	45.4		1	1.00	5.00	ug/L	11/13/25 15:55	PB170473
87-86-5	Pentachlorophenol	83.7	E	1	1.60	10.0	ug/L	11/13/25 15:55	PB170473
85-01-8	Phenanthrene	43.2		1	0.50	5.00	ug/L	11/13/25 15:55	PB170473
120-12-7	Anthracene	43.3		1	0.61	5.00	ug/L	11/13/25 15:55	PB170473
86-74-8	Carbazole	43.4		1	0.72	5.00	ug/L	11/13/25 15:55	PB170473
84-74-2	Di-n-butylphthalate	41.9		1	1.20	5.00	ug/L	11/13/25 15:55	PB170473
206-44-0	Fluoranthene	41.3		1	0.82	5.00	ug/L	11/13/25 15:55	PB170473
129-00-0	Pyrene	51.7		1	0.50	5.00	ug/L	11/13/25 15:55	PB170473
85-68-7	Butylbenzylphthalate	44.7		1	1.90	5.00	ug/L	11/13/25 15:55	PB170473
91-94-1	3,3-Dichlorobenzidine	22.7		1	0.93	10.0	ug/L	11/13/25 15:55	PB170473
56-55-3	Benzo(a)anthracene	45.2		1	0.45	5.00	ug/L	11/13/25 15:55	PB170473
218-01-9	Chrysene	46.5		1	0.44	5.00	ug/L	11/13/25 15:55	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	39.5		1	1.60	5.00	ug/L	11/13/25 15:55	PB170473
117-84-0	Di-n-octyl phthalate	41.2		1	2.30	10.0	ug/L	11/13/25 15:55	PB170473
205-99-2	Benzo(b)fluoranthene	41.5		1	0.49	5.00	ug/L	11/13/25 15:55	PB170473
207-08-9	Benzo(k)fluoranthene	46.1		1	0.48	5.00	ug/L	11/13/25 15:55	PB170473
50-32-8	Benzo(a)pyrene	46.7		1	0.55	5.00	ug/L	11/13/25 15:55	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	45.9		1	0.59	5.00	ug/L	11/13/25 15:55	PB170473
53-70-3	Dibenzo(a,h)anthracene	45.7		1	0.67	5.00	ug/L	11/13/25 15:55	PB170473
191-24-2	Benzo(g,h,i)perylene	47.4		1	0.69	5.00	ug/L	11/13/25 15:55	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	40.1		1	0.52	5.00	ug/L	11/13/25 15:55	PB170473
123-91-1	1,4-Dioxane	38.6		1	1.00	5.00	ug/L	11/13/25 15:55	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	45.2		1	0.72	5.00	ug/L	11/13/25 15:55	PB170473

SURROGATES

367-12-4	2-Fluorophenol	119		15 (10) - 110 (134)	79%	SPK: 150
13127-88-3	Phenol-d6	120		15 (10) - 110 (135)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.2		30 (39) - 130 (138)	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.8		30 (52) - 130 (132)	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		15 (44) - 110 (137)	82%	SPK: 150
1718-51-0	Terphenyl-d14	96.5		30 (42) - 130 (152)	96%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	61400
1146-65-2	Naphthalene-d8	243000
15067-26-2	Acenaphthene-d10	140000
1517-22-2	Phenanthrene-d10	237000
1719-03-5	Chrysene-d12	118000
1520-96-3	Perylene-d12	158000



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170473BS		SDG No.:	Q3584
Lab Sample ID:	PB170473BS		Matrix:	Water
Analytical Method:	8270E	Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144245.D
 Acq On : 13 Nov 2025 15:55
 Operator : RC/JU
 Sample : PB170473BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170473BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 13 16:15:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	61443	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	243453	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	140132	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	236951	20.000	ng	0.00
76) Chrysene-d12	14.045	240	118377	20.000	ng	0.00
86) Perylene-d12	15.527	264	157737	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	467740	119.127	ng	0.00
7) Phenol-d6	6.504	99	533527	119.923	ng	0.00
23) Nitrobenzene-d5	7.434	82	350581	83.169	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	216265	122.983	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	729154	76.850	ng	0.00
79) Terphenyl-d14	12.986	244	719166	96.499	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	62578	38.550	ng	98
3) Pyridine	3.463	79	179124	39.552	ng	99
4) n-Nitrosodimethylamine	3.410	42	114179	48.267	ng	97
6) Aniline	6.528	93	207544	32.743	ng	# 81
8) 2-Chlorophenol	6.651	128	167897	43.603	ng	98
9) Benzaldehyde	6.416	77	102064	40.627	ng	93
10) Phenol	6.516	94	229486	42.219	ng	90
11) bis(2-Chloroethyl)ether	6.604	93	172855	43.642	ng	97
12) 1,3-Dichlorobenzene	6.810	146	208708	43.925	ng	97
13) 1,4-Dichlorobenzene	6.887	146	207397	43.569	ng	99
14) 1,2-Dichlorobenzene	7.034	146	196374	43.040	ng	99
15) Benzyl Alcohol	7.010	79	163209	46.329	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	327138	44.852	ng	98
17) 2-Methylphenol	7.122	107	133634	43.625	ng	97
18) Hexachloroethane	7.375	117	69026	43.646	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	129284	44.143	ng	94
20) 3+4-Methylphenols	7.275	107	155390	43.032	ng	96
22) Acetophenone	7.275	105	223896	42.871	ng	93
24) Nitrobenzene	7.451	77	195475	42.710	ng	100
25) Isophorone	7.687	82	353672	44.357	ng	100
26) 2-Nitrophenol	7.769	139	101091	44.620	ng	99
27) 2,4-Dimethylphenol	7.804	122	164286	48.380	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	214693	43.120	ng	98
29) 2,4-Dichlorophenol	8.010	162	159690	40.801	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	175763	43.734	ng	95
31) Naphthalene	8.169	128	482201	41.638	ng	99
32) Benzoic acid	7.934	122	106932	42.959	ng	98
33) 4-Chloroaniline	8.222	127	69710	16.504	ng	100
34) Hexachlorobutadiene	8.287	225	121656	40.166	ng	96
35) Caprolactam	8.592	113	49172m	45.858	ng	
36) 4-Chloro-3-methylphenol	8.704	107	155296	44.274	ng	98
37) 2-Methylnaphthalene	8.863	142	302563	39.076	ng	99
38) 1-Methylnaphthalene	8.963	142	302350	40.470	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	184203	40.109	ng	98
41) Hexachlorocyclopentadiene	9.016	237	185990	96.064	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	128539	41.122	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144245.D
 Acq On : 13 Nov 2025 15:55
 Operator : RC/JU
 Sample : PB170473BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 13 16:15:27 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 05 18:37:33 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	137095	40.694	ng	100
46) 1,1'-Biphenyl	9.328	154	413905	42.315	ng	98
47) 2-Chloronaphthalene	9.351	162	337950	40.503	ng	99
48) 2-Nitroaniline	9.451	65	108163	44.928	ng	99
49) Acenaphthylene	9.769	152	533014	46.877	ng	100
50) Dimethylphthalate	9.628	163	405560	43.686	ng	99
51) 2,6-Dinitrotoluene	9.692	165	87661	46.646	ng	98
52) Acenaphthene	9.939	154	286244	37.646	ng	97
53) 3-Nitroaniline	9.863	138	53453	26.020	ng	98
54) 2,4-Dinitrophenol	9.975	184	105620	93.073	ng	95
55) Dibenzofuran	10.116	168	430177	40.396	ng	97
56) 4-Nitrophenol	10.034	139	115588	77.783	ng	94
57) 2,4-Dinitrotoluene	10.098	165	116188	46.184	ng	96
58) Fluorene	10.457	166	346406	42.784	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	107816	45.234	ng	97
60) Diethylphthalate	10.328	149	374276	43.734	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	186905	40.526	ng	97
62) 4-Nitroaniline	10.481	138	87332	44.639	ng	99
63) Azobenzene	10.610	77	359970	45.196	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	69443	43.140	ng	94
66) n-Nitrosodiphenylamine	10.569	169	345895	45.387	ng	98
67) 4-Bromophenyl-phenylether	10.939	248	129092	42.683	ng	96
68) Hexachlorobenzene	11.010	284	154946	43.495	ng	95
69) Atrazine	11.098	200	109917	45.352	ng	97
70) Pentachlorophenol	11.204	266	148413	83.663	ng	98
71) Phenanthrene	11.422	178	509691	43.204	ng	99
72) Anthracene	11.475	178	519244	43.285	ng	99
73) Carbazole	11.633	167	443160	43.444	ng	98
74) Di-n-butylphthalate	11.957	149	516718	41.903	ng	99
75) Fluoranthene	12.616	202	503631	41.326	ng	100
77) Benzidine	12.733	184	156298	44.637	ng	97
78) Pyrene	12.845	202	493385	51.692	ng	99
80) Butylbenzylphthalate	13.457	149	147769	44.669	ng	99
81) Benzo(a)anthracene	14.033	228	370438	45.151	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	63866	22.710	ng	98
83) Chrysene	14.074	228	351949	46.470	ng	97
84) Bis(2-ethylhexyl)phtha...	14.016	149	179079	39.545	ng	99
85) Di-n-octyl phthalate	14.633	149	322146	41.231	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	519646	45.893	ng	100
88) Benzo(b)fluoranthene	15.092	252	371823	41.463	ng	99
89) Benzo(k)fluoranthene	15.121	252	386885	46.092	ng	99
90) Benzo(a)pyrene	15.463	252	386349	46.700	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	415994	45.746	ng	99
92) Benzo(g,h,i)perylene	17.480	276	425782	47.414	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

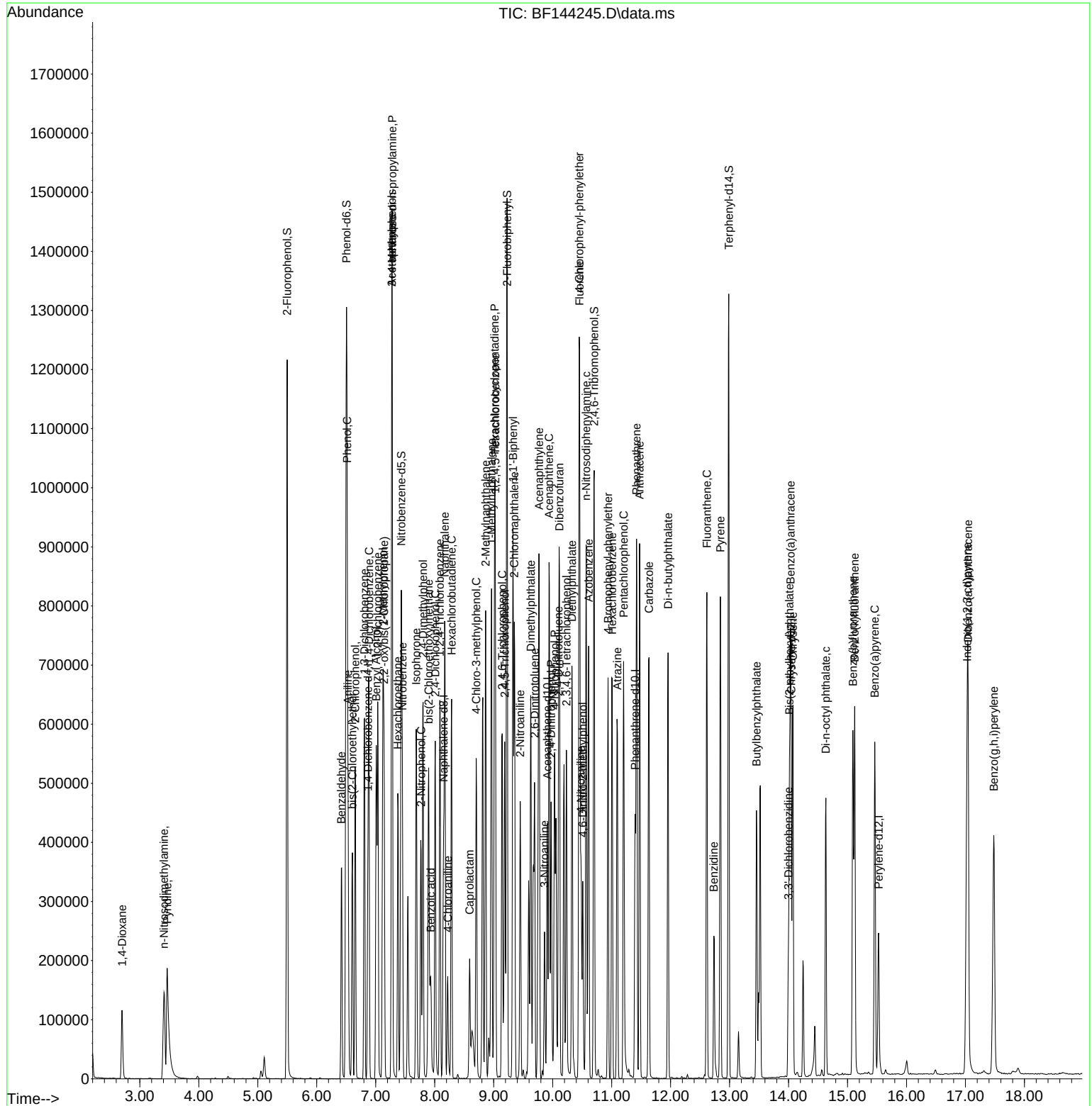
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\  
Data File : BF144245.D  
Acq On    : 13 Nov 2025   15:55  
Operator  : RC/JU  
Sample    : PB170473BS  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
```

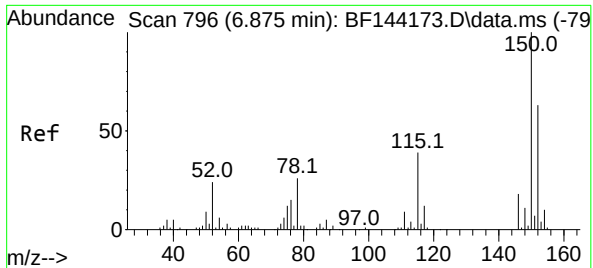
Instrument :
BNA_F
ClientSampleId :
PB170473BS

Manual Integrations

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

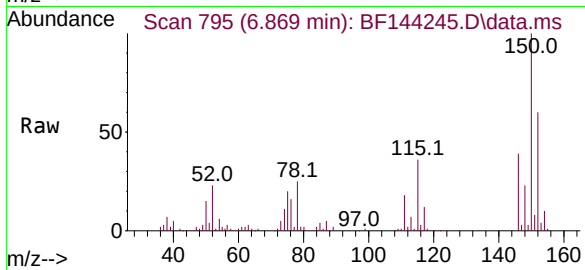
Quant Time: Nov 13 16:15:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

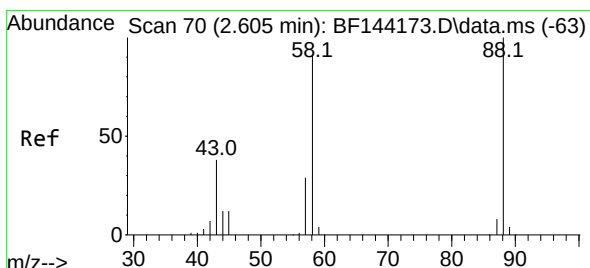
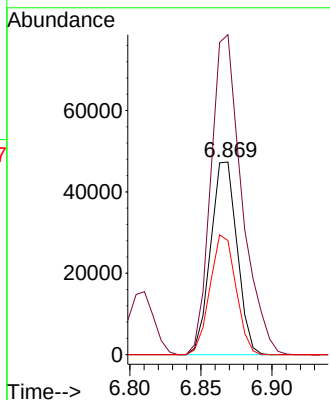
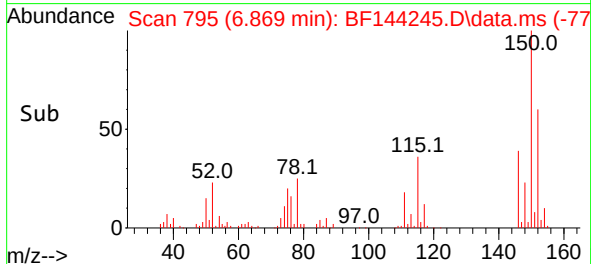
Instrument :
BNA_F
ClientSampleId :
PB170473BS



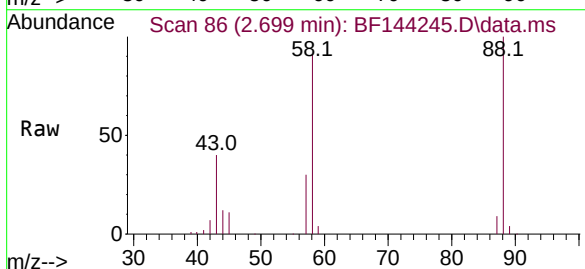
Tgt Ion:152 Resp: 61443
Ion Ratio Lower Upper
152 100
150 166.2 127.4 191.0
115 59.2 49.5 74.3

Manual Integrations
APPROVED

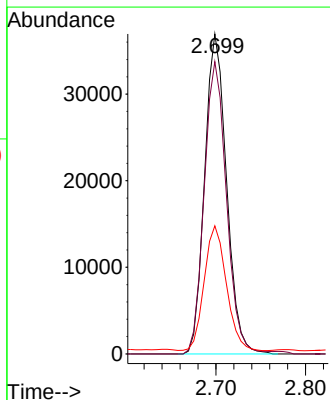
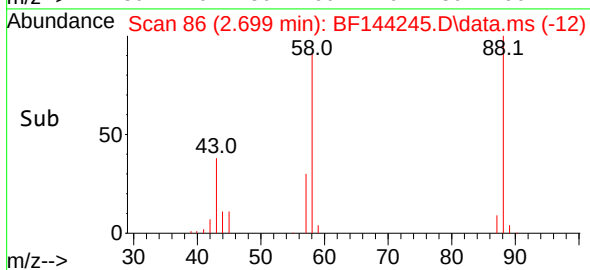
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

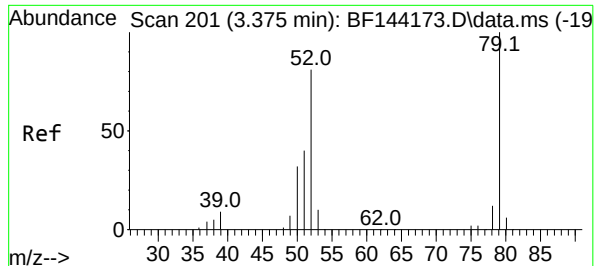


#2
1,4-Dioxane
Concen: 38.550 ng
RT: 2.699 min Scan# 86
Delta R.T. 0.082 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



Tgt Ion: 88 Resp: 62578
Ion Ratio Lower Upper
88 100
58 93.6 73.1 109.7
43 39.5 31.0 46.6





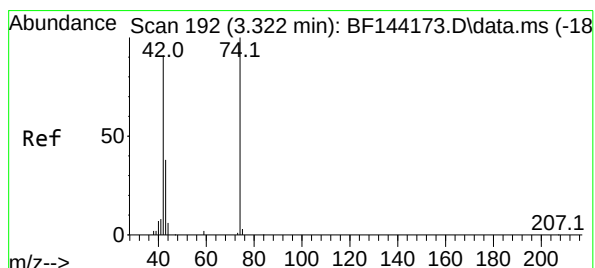
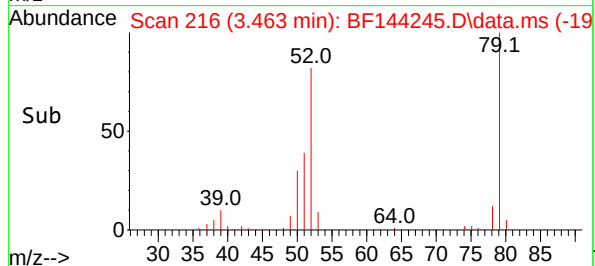
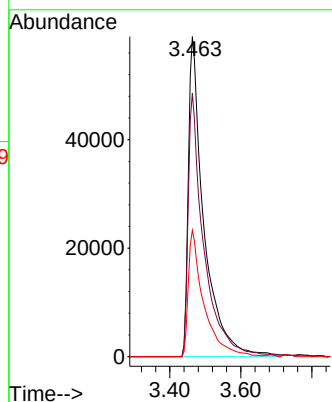
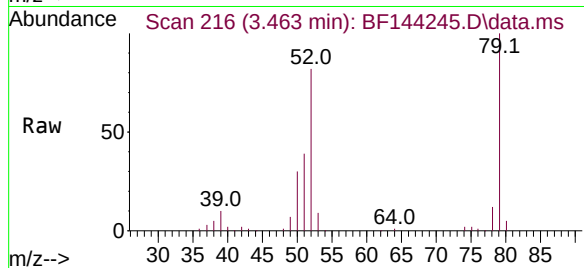
#3
Pyridine
Concen: 39.552 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion: 79 Resp: 179124
Ion Ratio Lower Upper
79 100
52 82.4 64.5 96.7
51 39.5 31.7 47.5

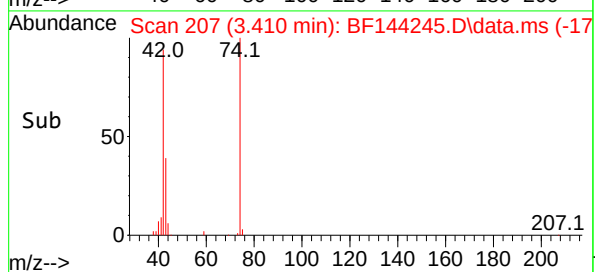
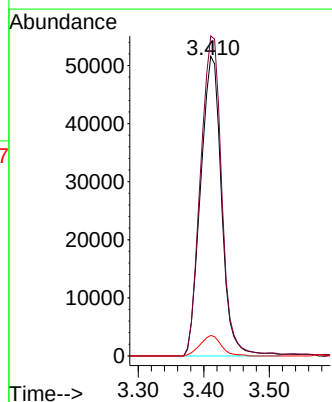
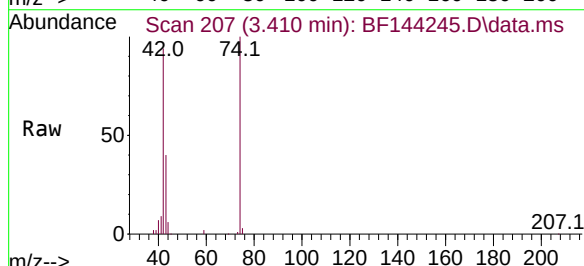
Manual Integrations
APPROVED

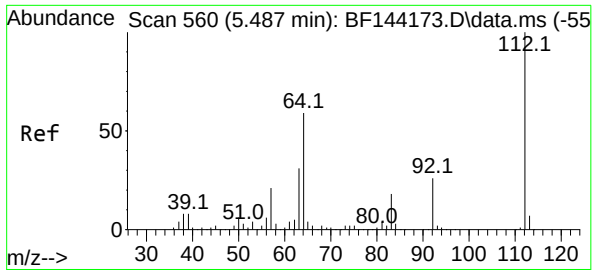
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#4
n-Nitrosodimethylamine
Concen: 48.267 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.065 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion: 42 Resp: 114179
Ion Ratio Lower Upper
42 100
74 106.8 88.2 132.4
44 6.8 5.7 8.5





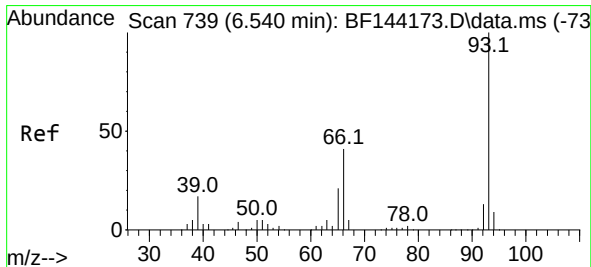
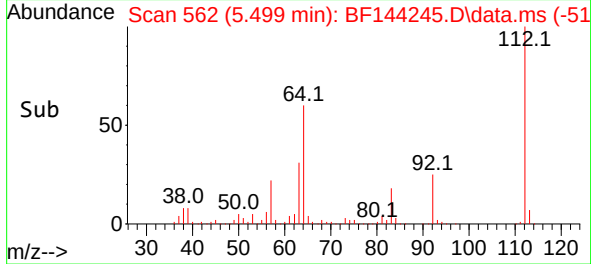
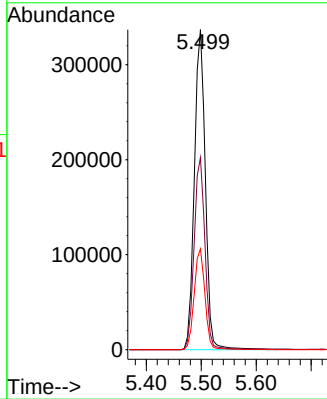
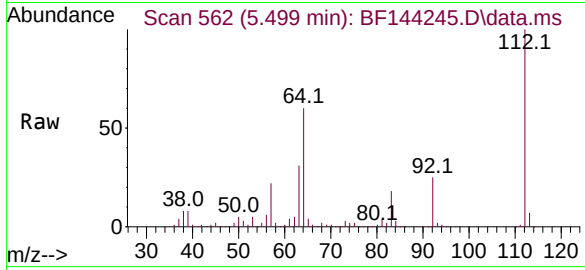
#5
2-Fluorophenol
Concen: 119.127 ng
RT: 5.499 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion:112 Resp: 467740
Ion Ratio Lower Upper
112 100
64 60.0 47.2 70.8
63 31.5 24.4 36.6

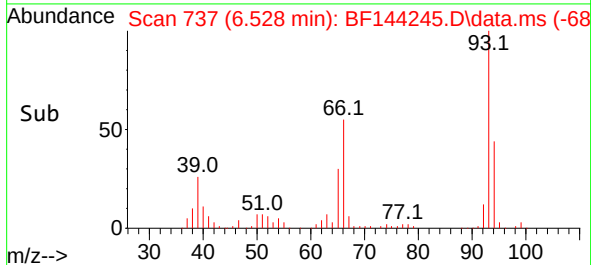
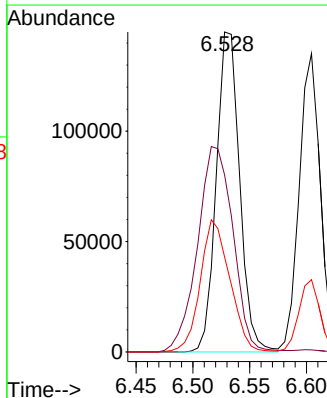
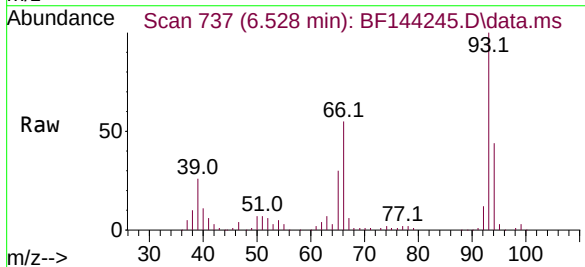
Manual Integrations
APPROVED

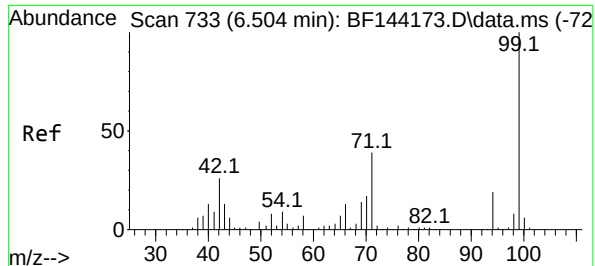
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#6
Aniline
Concen: 32.743 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

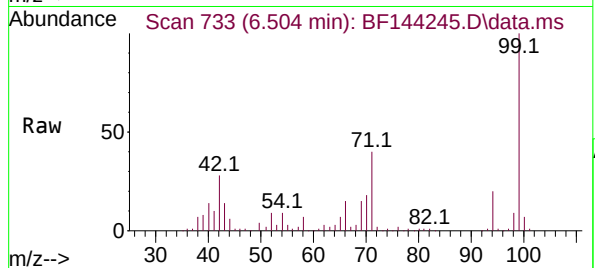
Tgt Ion: 93 Resp: 207544
Ion Ratio Lower Upper
93 100
66 55.3 34.3 51.5#
65 29.7 16.9 25.3#





#7
Phenol-d6
Concen: 119.923 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

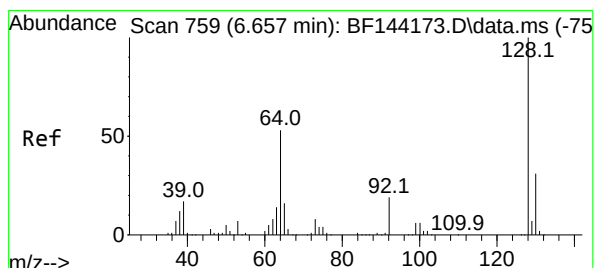
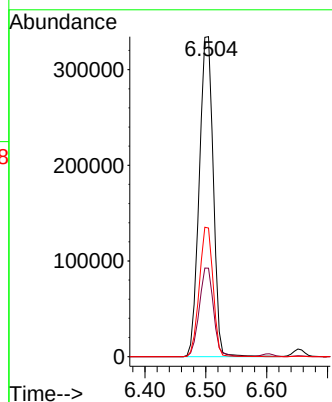
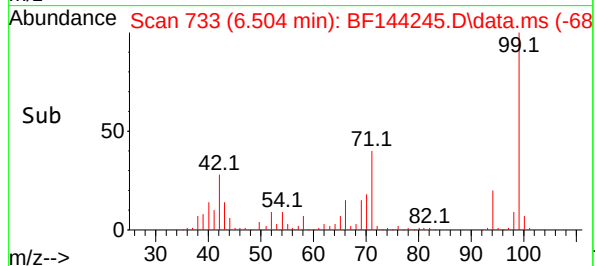
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion: 99 Resp: 53352
Ion Ratio Lower Upper
99 100
42 27.6 20.9 31.3
71 40.2 31.4 47.2

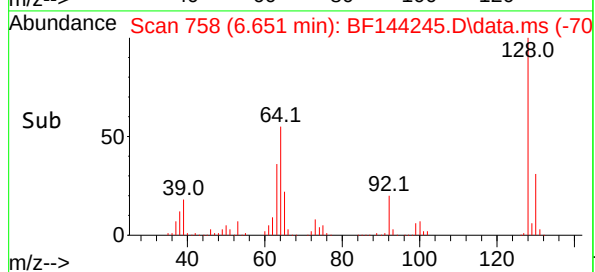
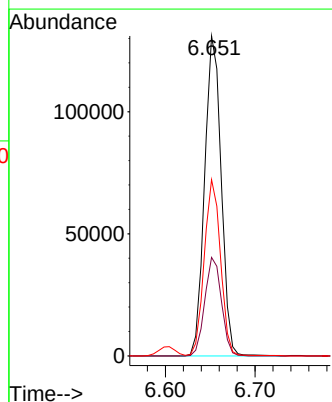
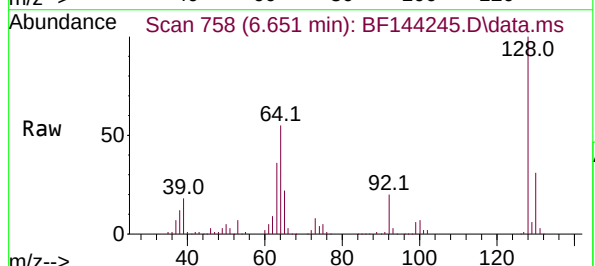
Manual Integrations
APPROVED

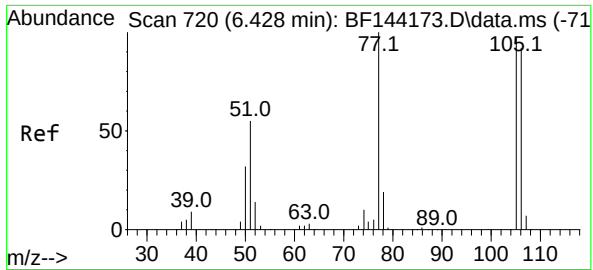
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#8
2-Chlorophenol
Concen: 43.603 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:128 Resp: 167897
Ion Ratio Lower Upper
128 100
130 30.8 10.5 50.5
64 55.1 33.2 73.2





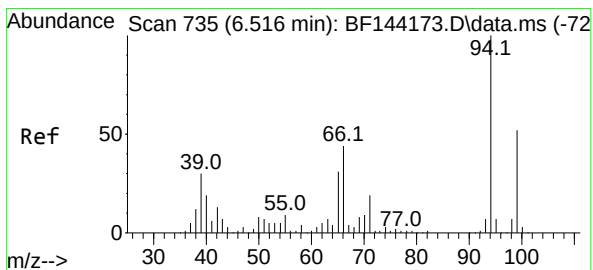
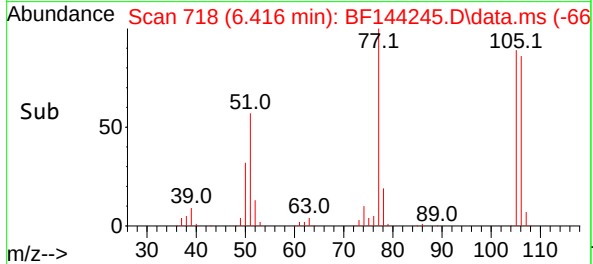
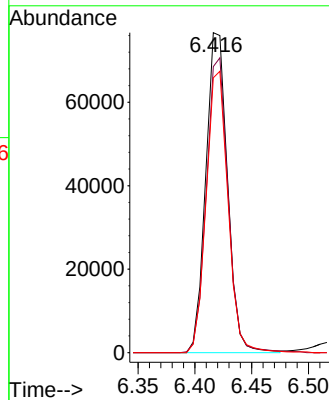
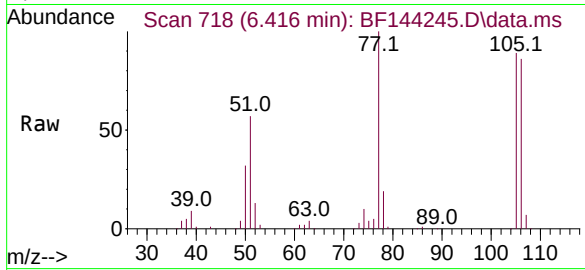
#9
Benzaldehyde
Concen: 40.627 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion: 77 Resp: 102064
Ion Ratio Lower Upper
77 100
105 89.4 77.2 117.2
106 85.9 72.2 112.2

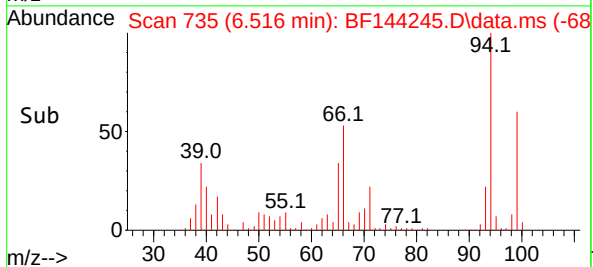
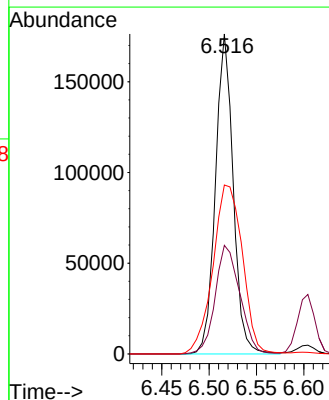
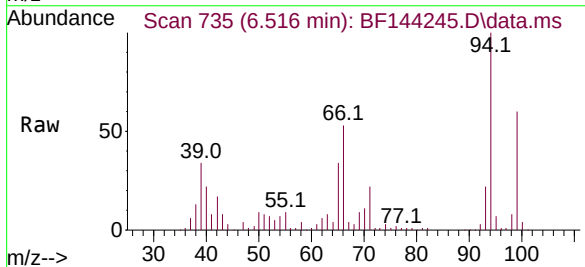
Manual Integrations
APPROVED

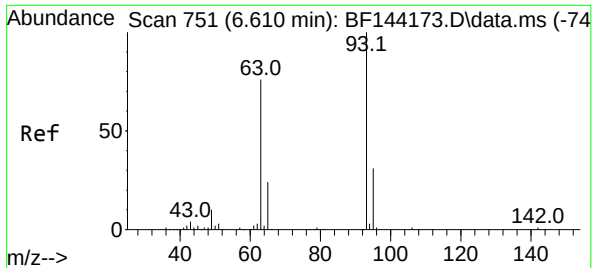
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#10
Phenol
Concen: 42.219 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion: 94 Resp: 229486
Ion Ratio Lower Upper
94 100
65 33.9 10.8 50.8
66 52.8 24.3 64.3





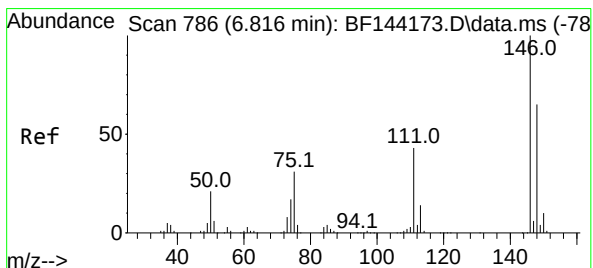
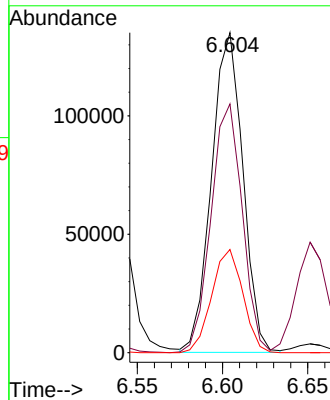
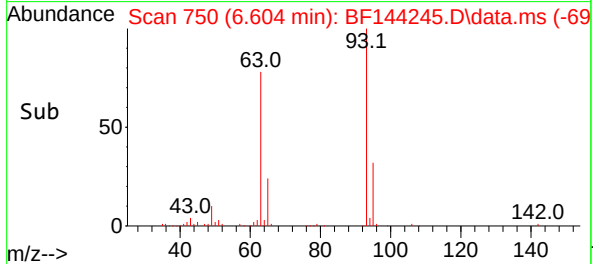
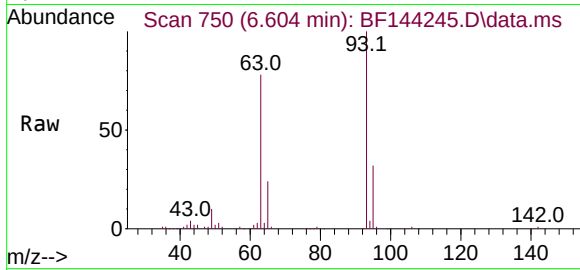
#11
bis(2-Chloroethyl)ether
Concen: 43.642 ng
RT: 6.604 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion: 93 Resp: 17285
Ion Ratio Lower Upper
93 100
63 77.7 55.2 95.2
95 32.2 11.2 51.2

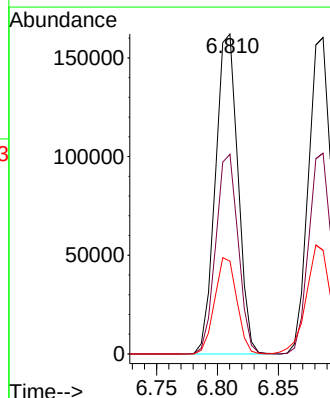
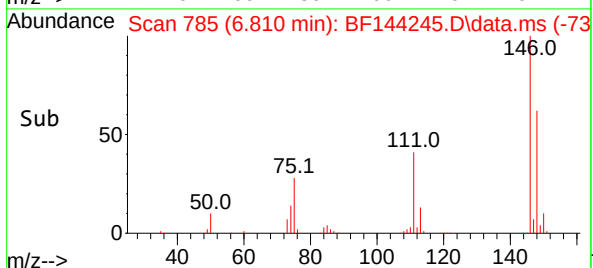
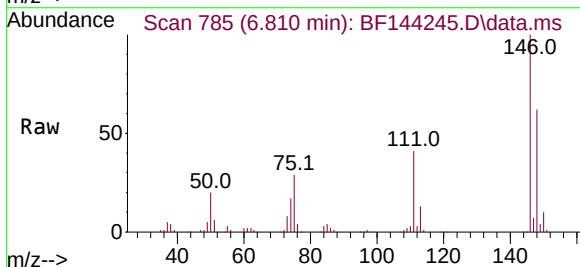
Manual Integrations
APPROVED

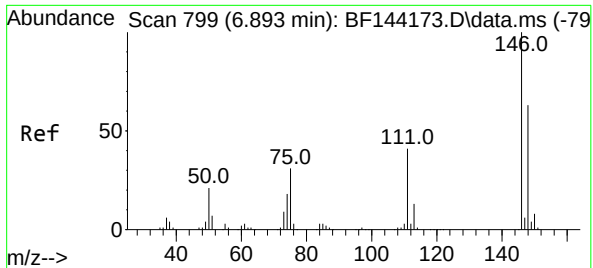
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#12
1,3-Dichlorobenzene
Concen: 43.925 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:146 Resp: 208708
Ion Ratio Lower Upper
146 100
148 62.4 51.8 77.8
75 29.0 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 43.569 ng

RT: 6.887 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:146 Resp: 207392

Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.2

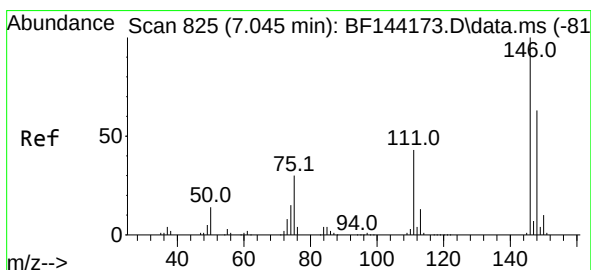
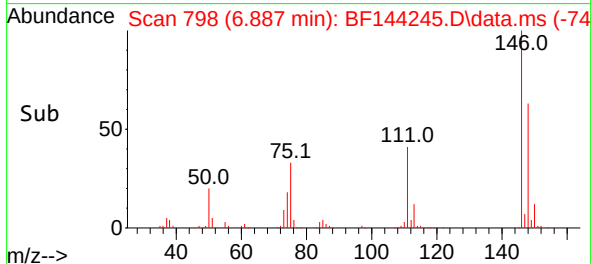
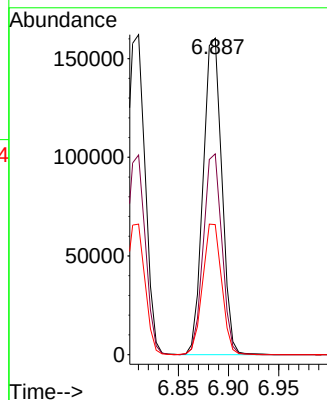
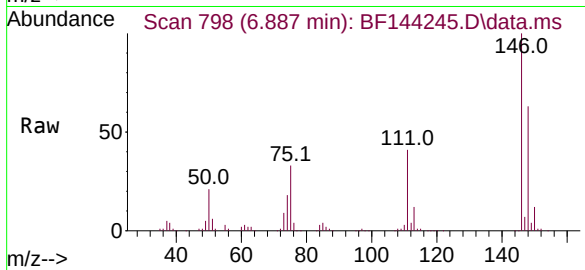
111 41.1 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#14

1,2-Dichlorobenzene

Concen: 43.040 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

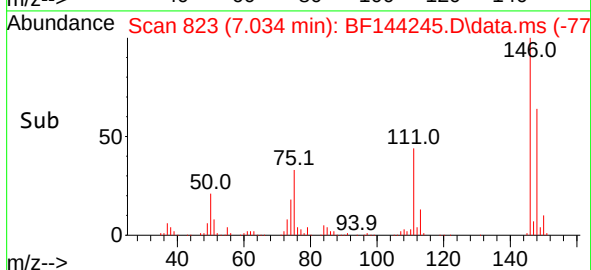
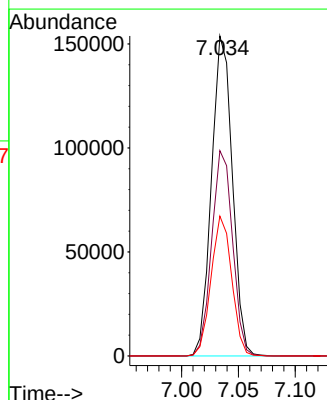
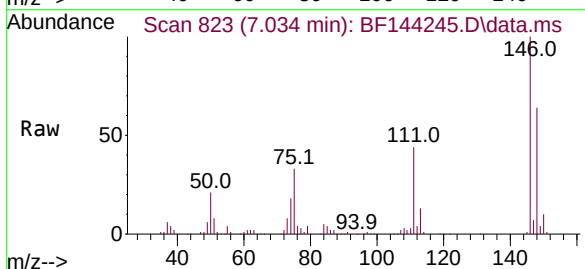
Tgt Ion:146 Resp: 196374

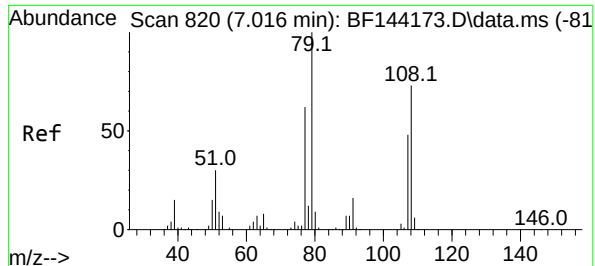
Ion Ratio Lower Upper

146 100

148 64.1 50.7 76.1

111 43.7 34.2 51.4





#15

Benzyl Alcohol

Concen: 46.329 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion: 79 Resp: 163209

Ion Ratio Lower Upper

79 100

108 72.2 58.2 87.4

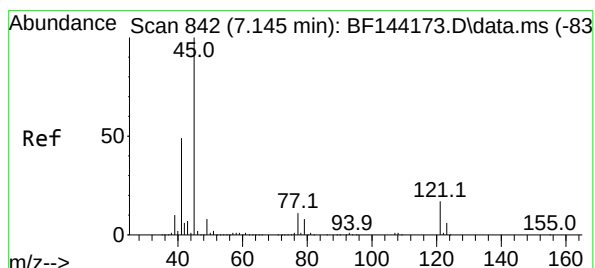
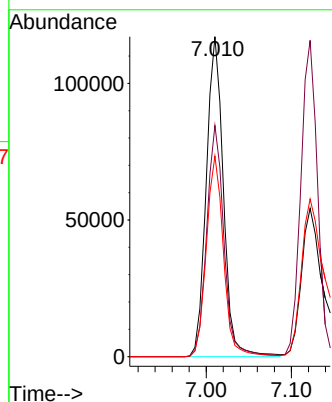
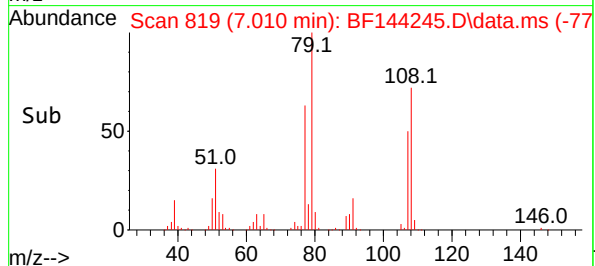
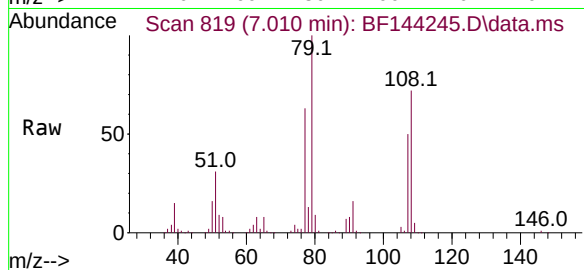
77 62.7 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.852 ng

RT: 7.140 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

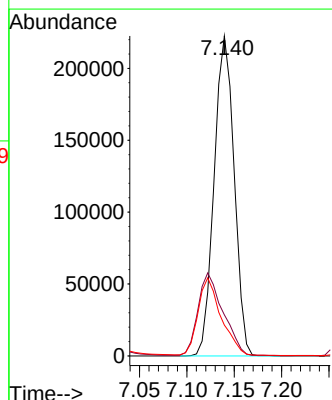
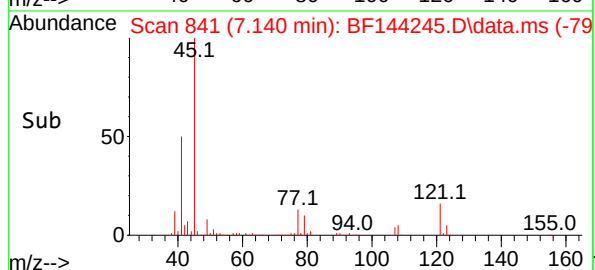
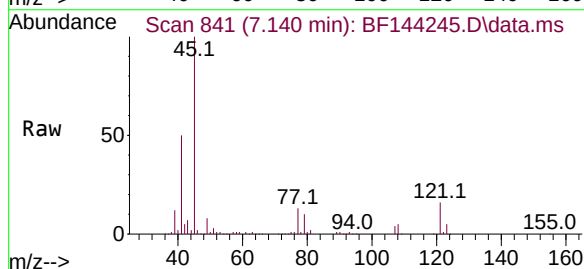
Tgt Ion: 45 Resp: 327138

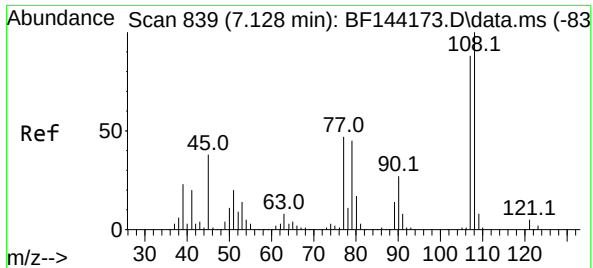
Ion Ratio Lower Upper

45 100

77 12.8 0.0 31.8

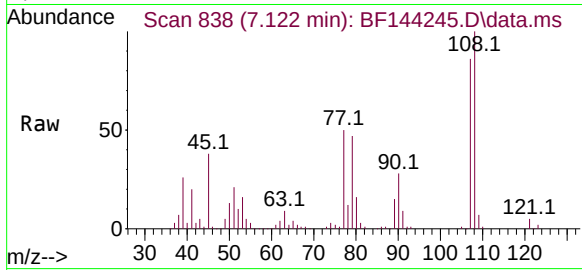
79 9.6 0.0 29.1





#17
2-Methylphenol
Concen: 43.625 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

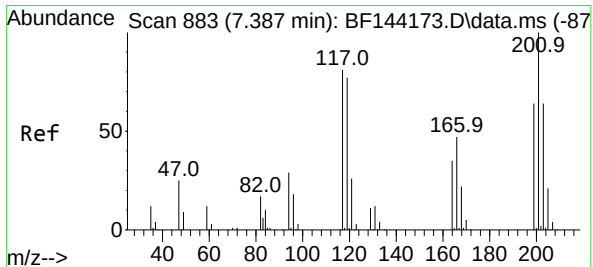
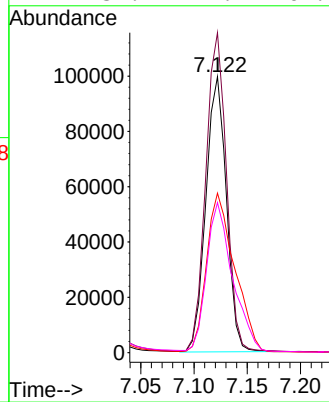
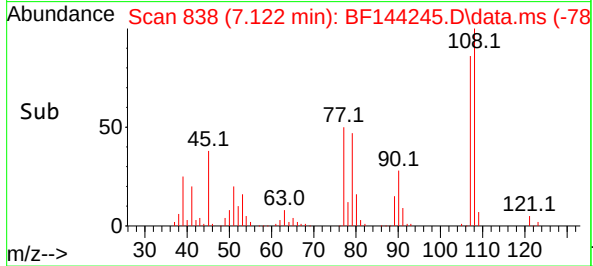
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:107 Resp: 133634
Ion Ratio Lower Upper
107 100
108 116.0 91.0 136.4
77 57.8 42.7 64.1
79 54.4 41.4 62.2

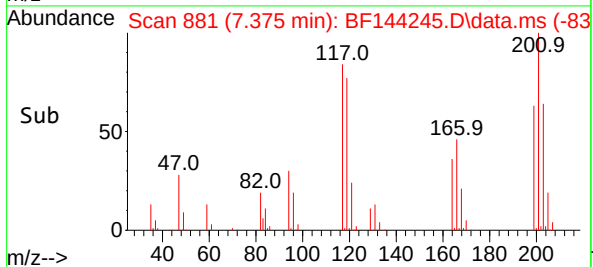
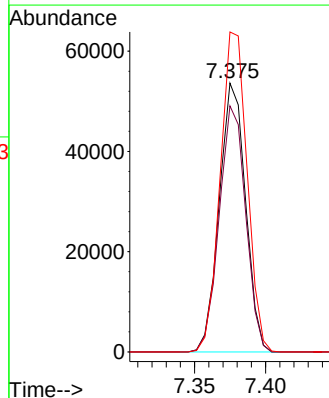
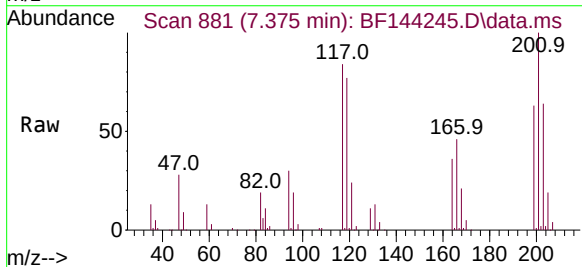
Manual Integrations
APPROVED

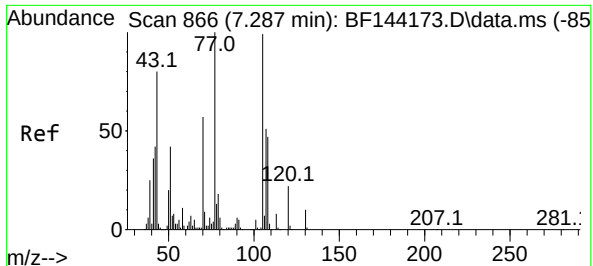
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#18
Hexachloroethane
Concen: 43.646 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:117 Resp: 69026
Ion Ratio Lower Upper
117 100
119 91.5 75.8 113.8
201 119.1 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 44.143 ng

RT: 7.281 min Scan# 866

Delta R.T. 0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion: 70 Resp: 129284

Ion Ratio Lower Upper

70 100

42 78.2 58.3 87.5

101 9.0 7.0 10.6

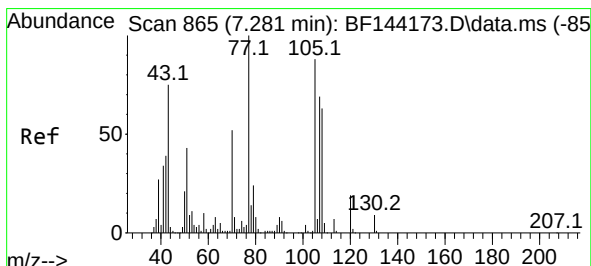
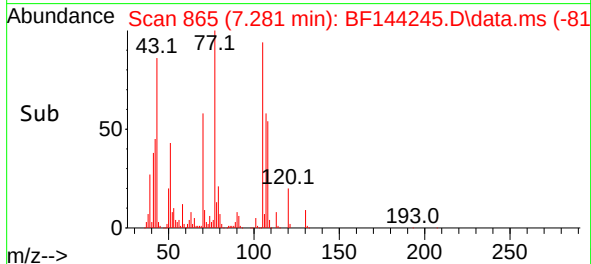
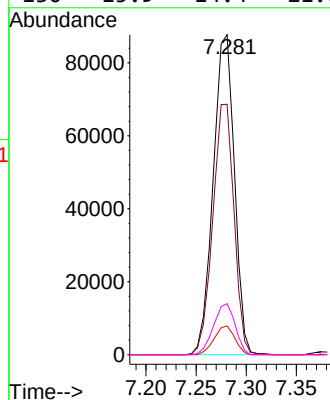
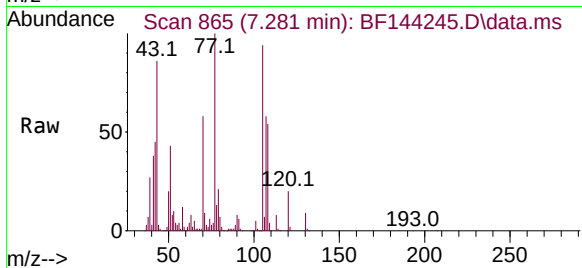
130 15.9 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#20

3+4-Methylphenols

Concen: 43.032 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Tgt Ion:107 Resp: 155390

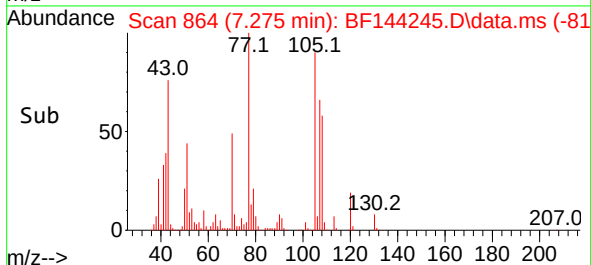
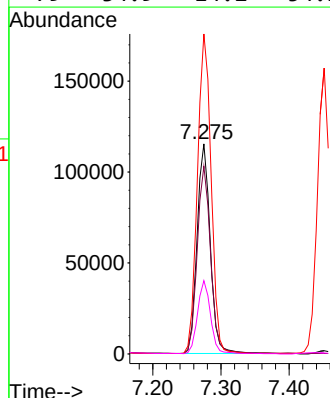
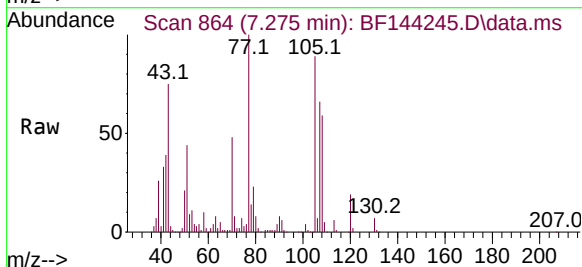
Ion Ratio Lower Upper

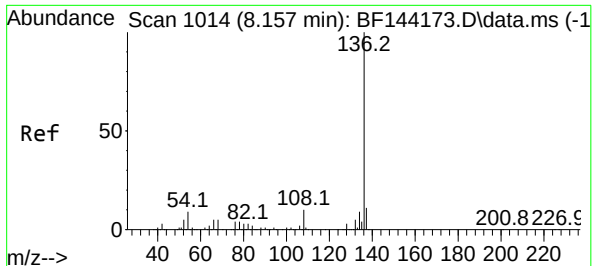
107 100

108 89.4 70.2 110.2

77 152.4 123.9 163.9

79 34.9 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:136 Resp: 243453

Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.3 7.0 10.6

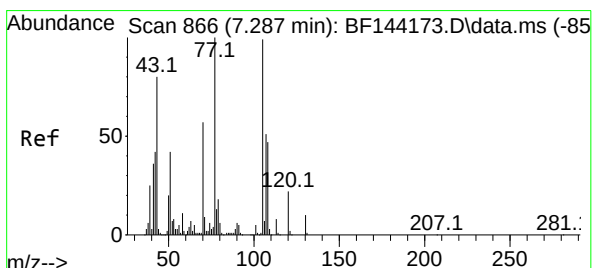
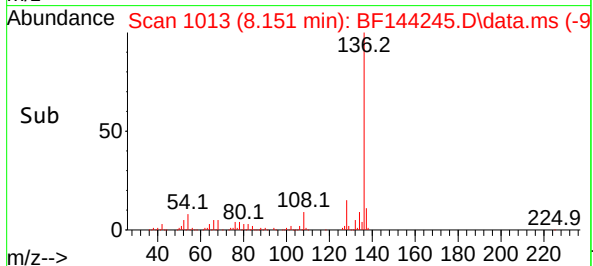
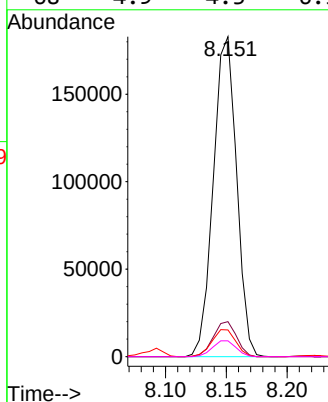
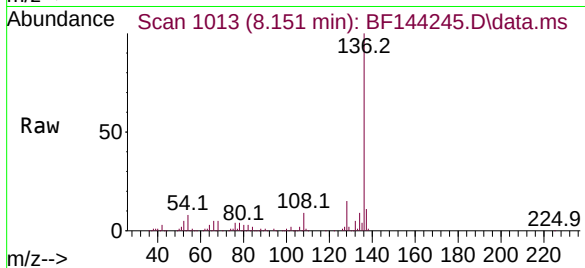
68 4.9 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#22

Acetophenone

Concen: 42.871 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Tgt Ion:105 Resp: 223896

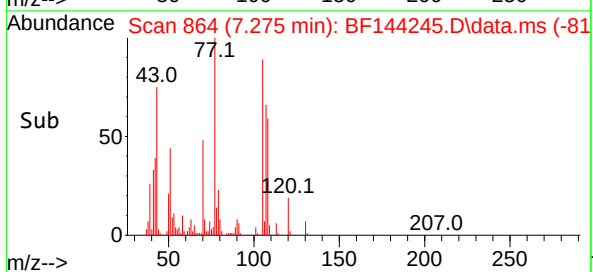
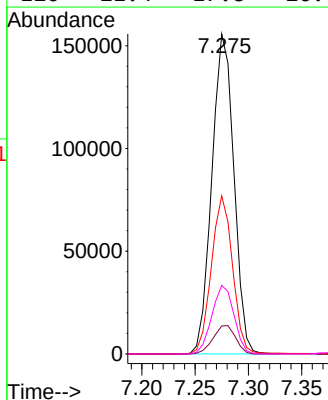
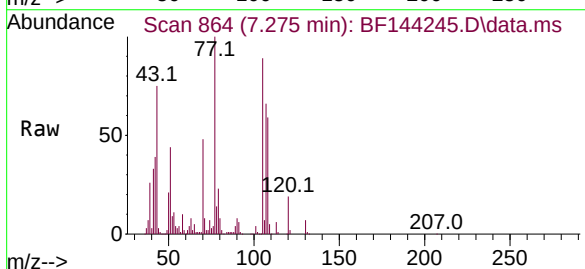
Ion Ratio Lower Upper

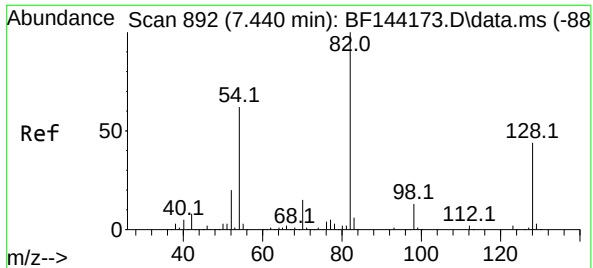
105 100

71 8.7 7.2 10.8

51 49.4 34.0 51.0

120 21.4 17.8 26.6





#23

Nitrobenzene-d5

Concen: 83.169 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion: 82 Resp: 35058

Ion Ratio Lower Upper

82 100

128 42.6 34.7 52.1

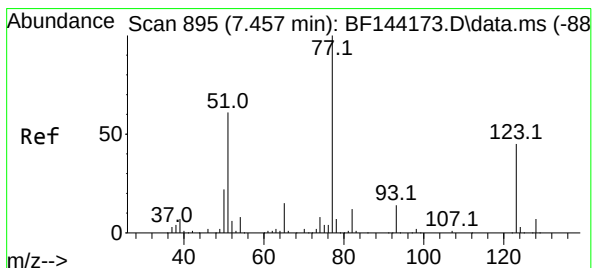
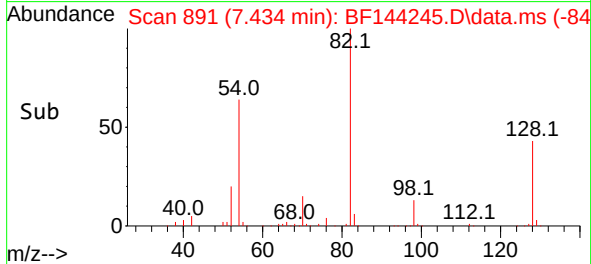
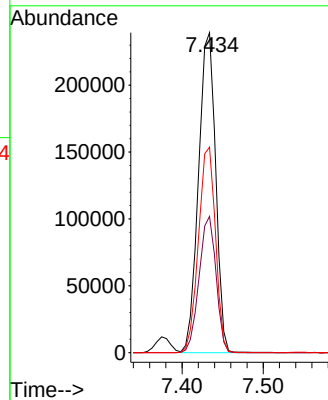
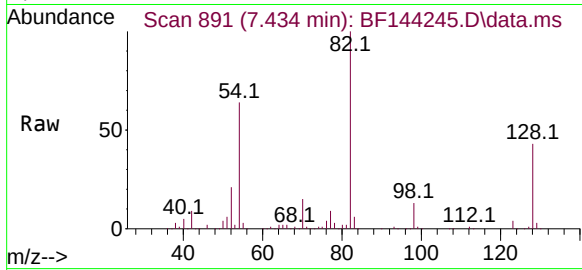
54 64.2 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#24

Nitrobenzene

Concen: 42.710 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

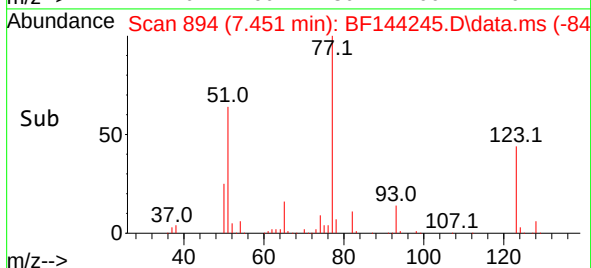
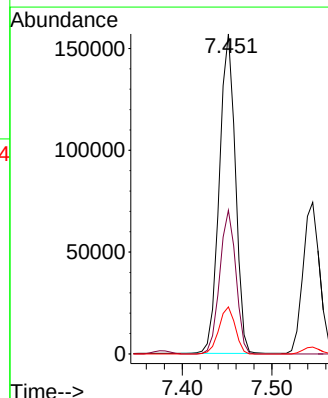
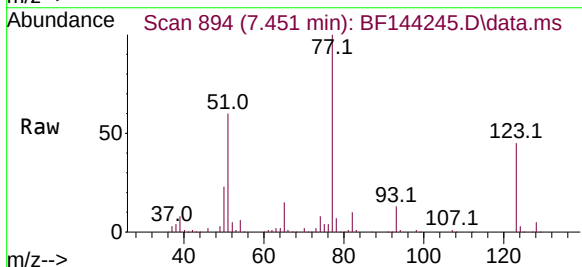
Tgt Ion: 77 Resp: 195475

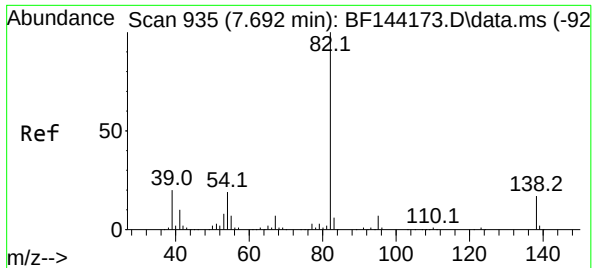
Ion Ratio Lower Upper

77 100

123 44.9 35.8 53.8

65 14.7 12.2 18.2





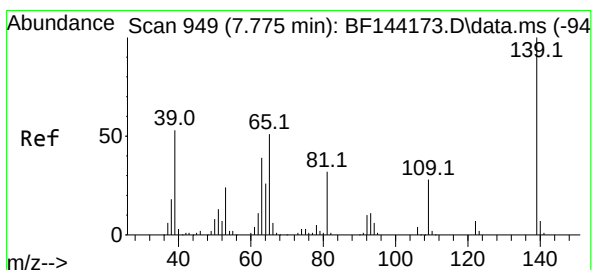
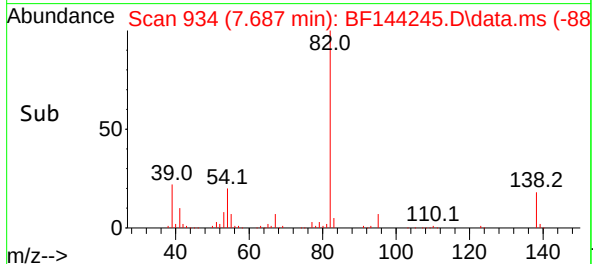
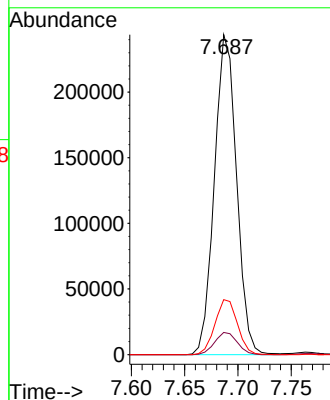
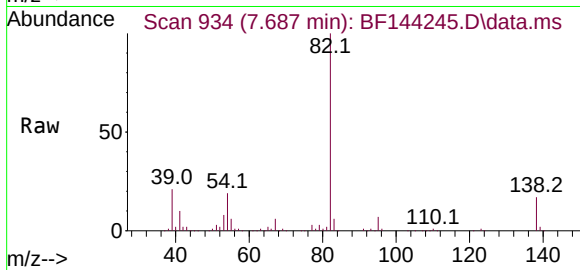
#25
Isophorone
Concen: 44.357 ng
RT: 7.687 min Scan# 935
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion: 82 Resp: 353672
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.2 13.7 20.5

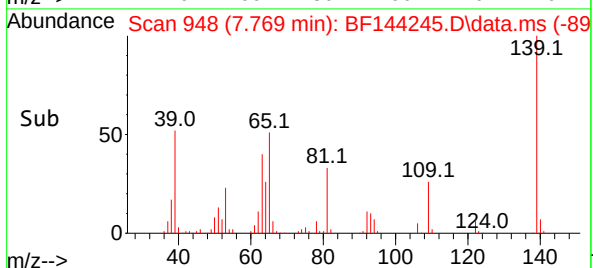
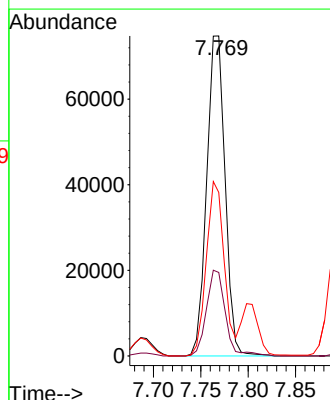
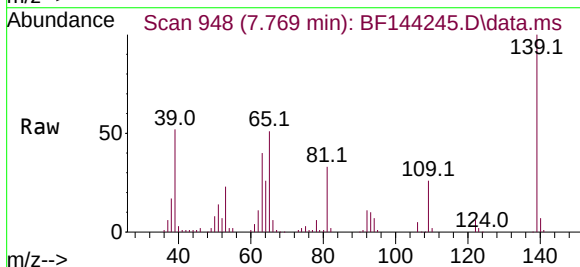
Manual Integrations
APPROVED

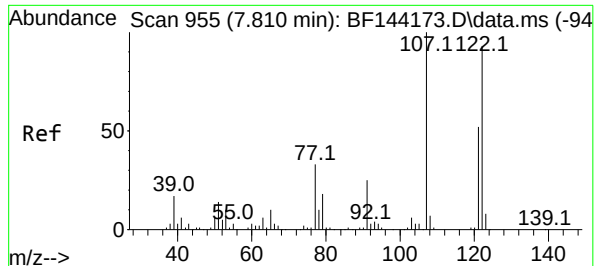
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#26
2-Nitrophenol
Concen: 44.620 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:139 Resp: 101091
Ion Ratio Lower Upper
139 100
109 26.1 22.2 33.2
65 51.1 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 48.380 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:122 Resp: 164286

Ion Ratio Lower Upper

122 100

107 109.4 86.2 129.4

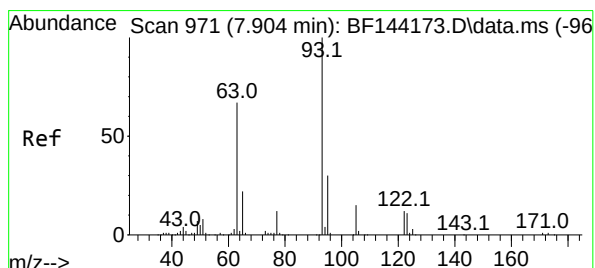
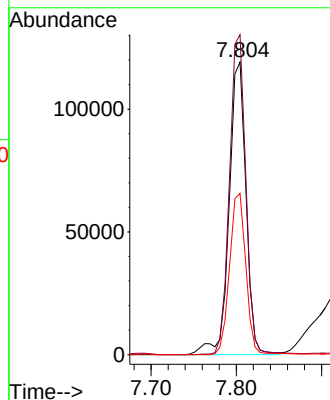
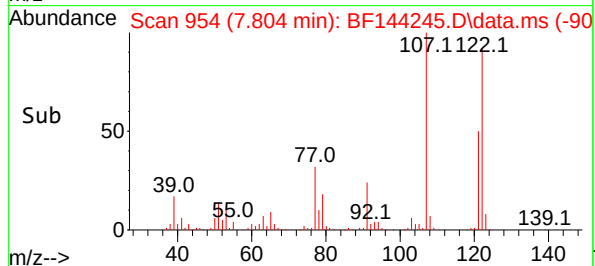
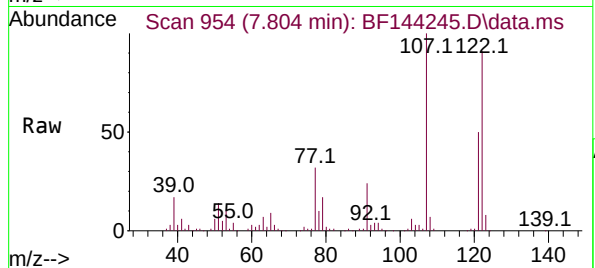
121 55.1 44.6 66.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.120 ng

RT: 7.898 min Scan# 970

Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

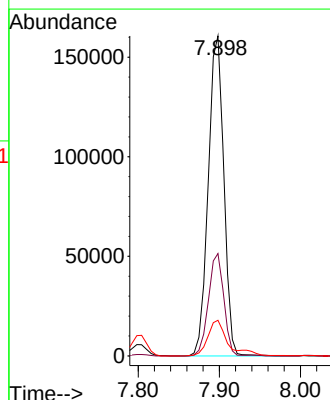
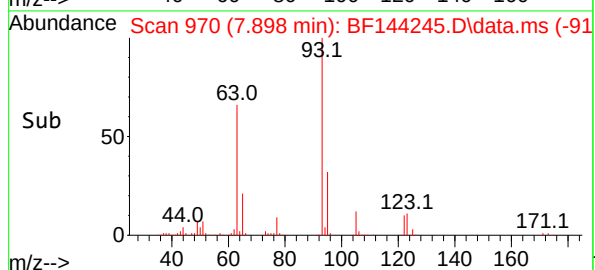
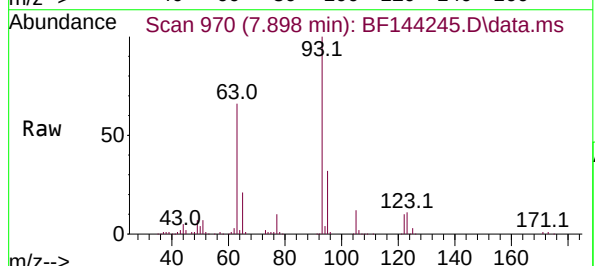
Tgt Ion: 93 Resp: 214693

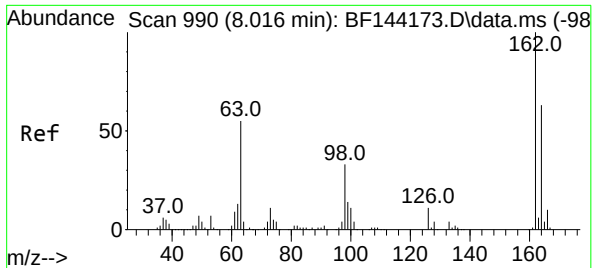
Ion Ratio Lower Upper

93 100

95 32.0 24.2 36.4

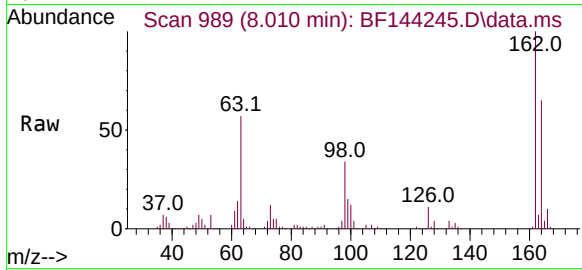
123 11.1 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 40.801 ng
RT: 8.010 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

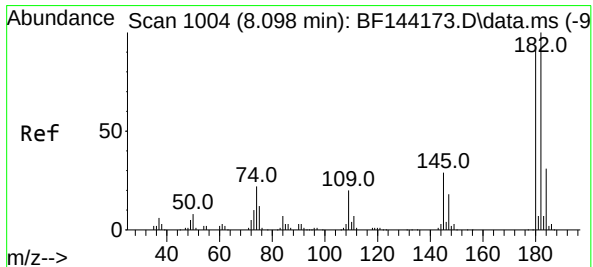
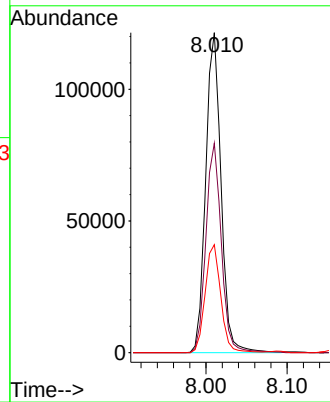
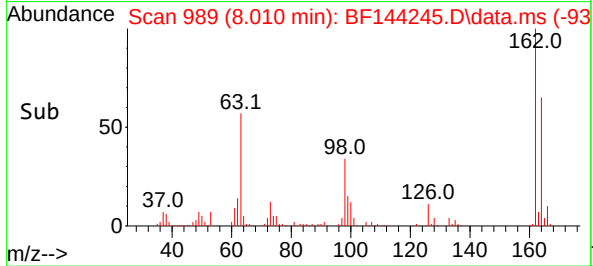
Instrument :
BNA_F
ClientSampleId :
PB170473BS



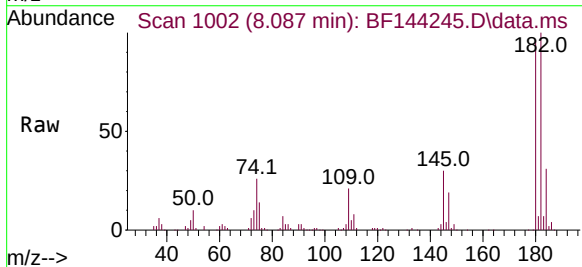
Tgt Ion:162 Resp: 159696
Ion Ratio Lower Upper
162 100
164 65.4 42.9 82.9
98 33.7 13.3 53.3

Manual Integrations
APPROVED

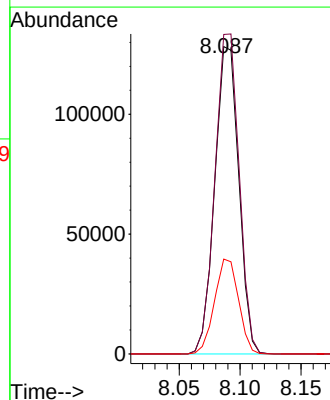
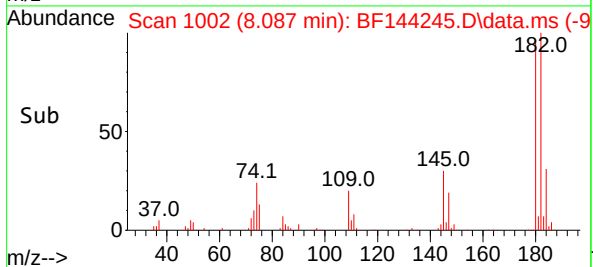
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

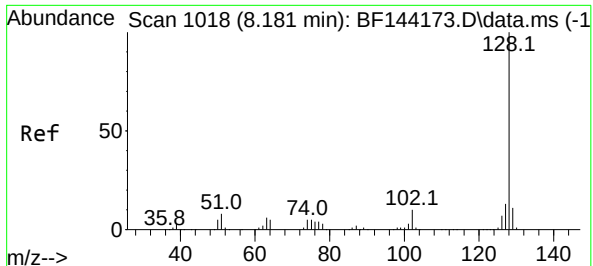


#30
1,2,4-Trichlorobenzene
Concen: 43.734 ng
RT: 8.087 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



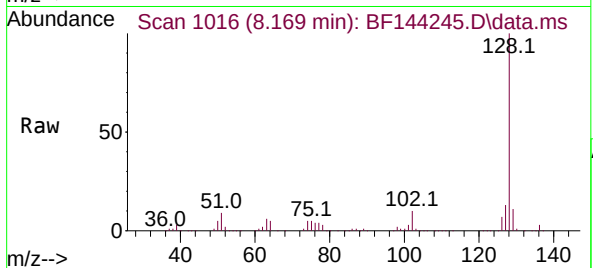
Tgt Ion:180 Resp: 175763
Ion Ratio Lower Upper
180 100
182 103.9 87.7 131.5
145 30.8 25.4 38.0





#31
Naphthalene
Concen: 41.638 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

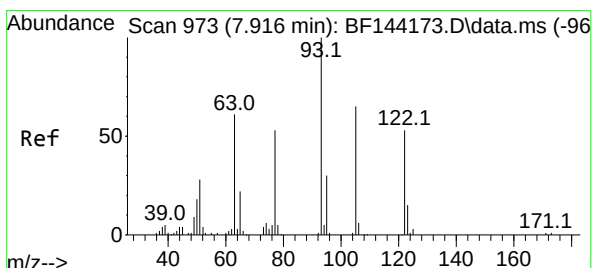
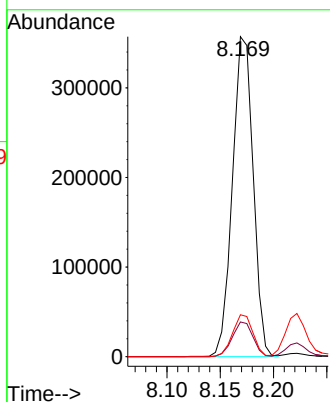
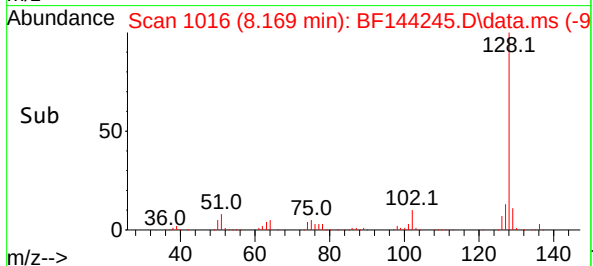
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:128 Resp: 482201
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.1 10.3 15.5

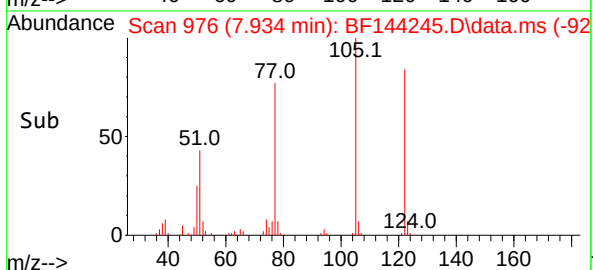
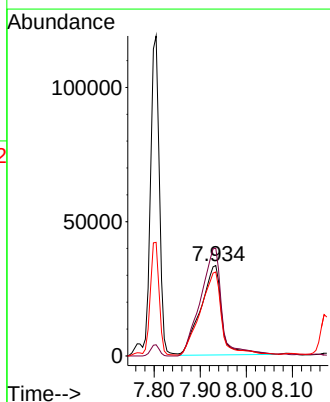
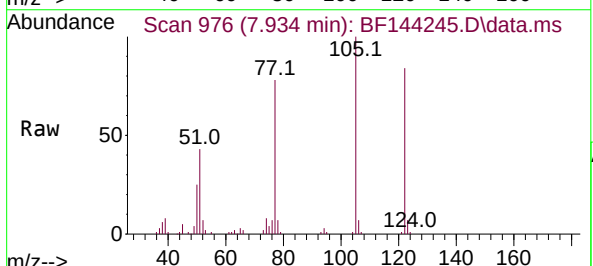
Manual Integrations
APPROVED

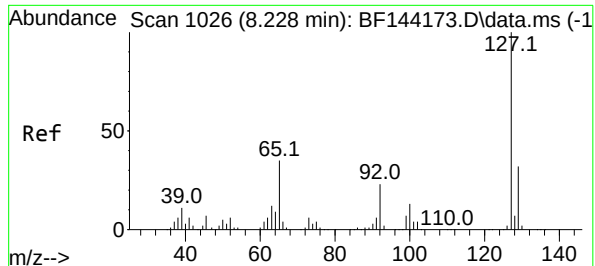
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#32
Benzoic acid
Concen: 42.959 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.018 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:122 Resp: 106932
Ion Ratio Lower Upper
122 100
105 119.1 99.9 139.9
77 92.9 77.5 117.5





#33

4-Chloroaniline

Concen: 16.504 ng

RT: 8.222 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:127 Resp: 69710

Ion Ratio Lower Upper

127 100

129 31.8 25.3 37.9

65 34.5 27.6 41.4

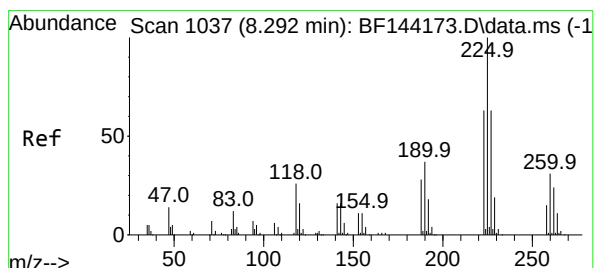
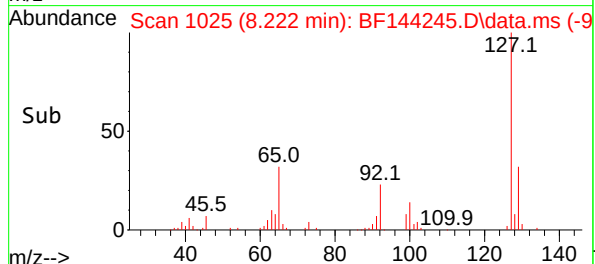
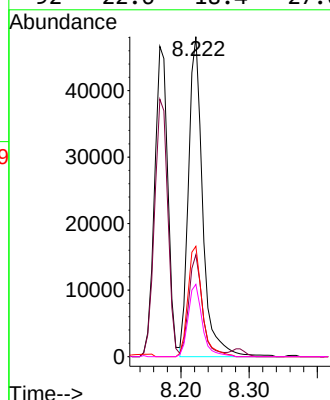
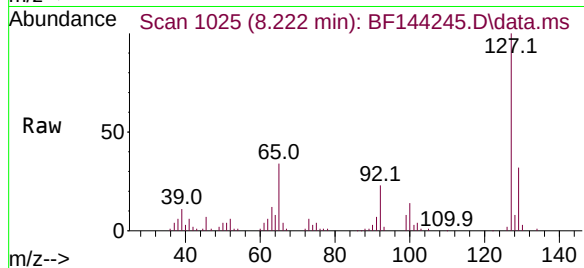
92 22.6 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#34

Hexachlorobutadiene

Concen: 40.166 ng

RT: 8.287 min Scan# 1036

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

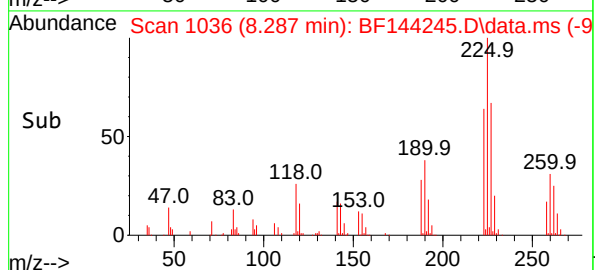
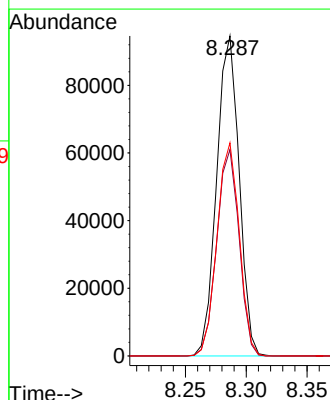
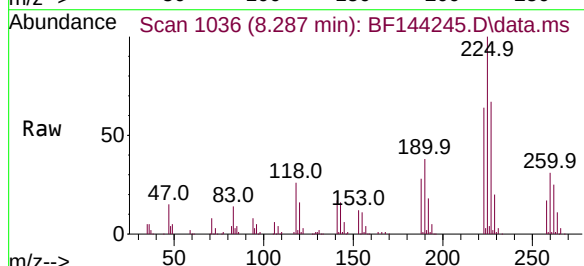
Tgt Ion:225 Resp: 121656

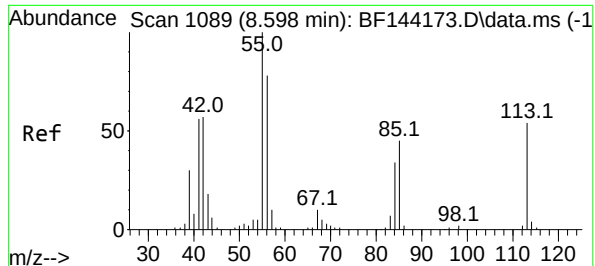
Ion Ratio Lower Upper

225 100

223 64.5 50.2 75.4

227 66.6 50.1 75.1





#35

Caprolactam

Concen: 45.858 ng m

RT: 8.592 min Scan# 1089

Delta R.T. -0.029 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:113 Resp: 49172

Ion Ratio Lower Upper

113 100

55 190.7 166.8 206.8

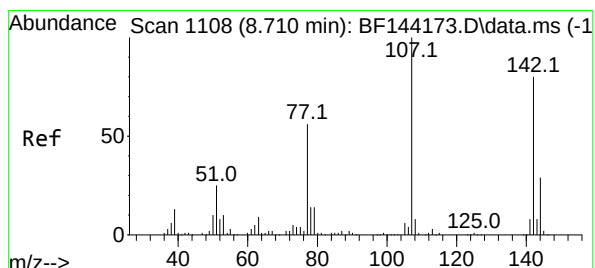
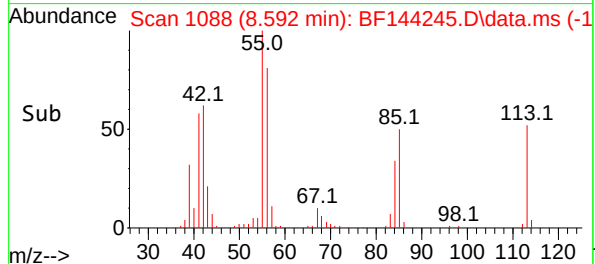
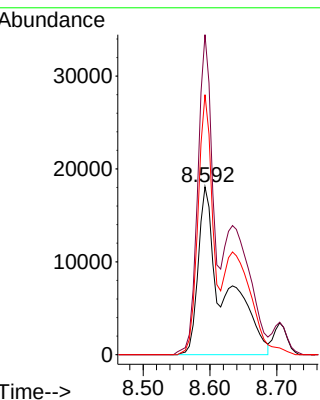
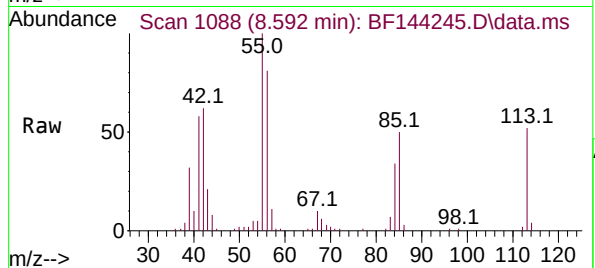
56 154.9 125.9 165.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#36

4-Chloro-3-methylphenol

Concen: 44.274 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

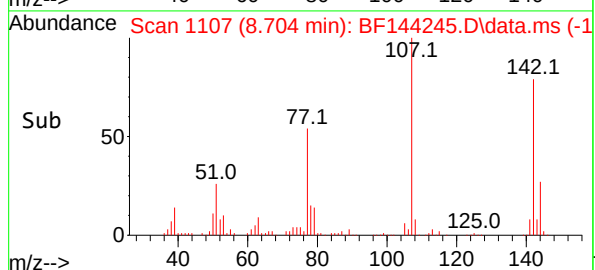
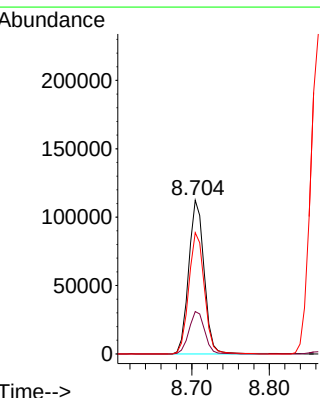
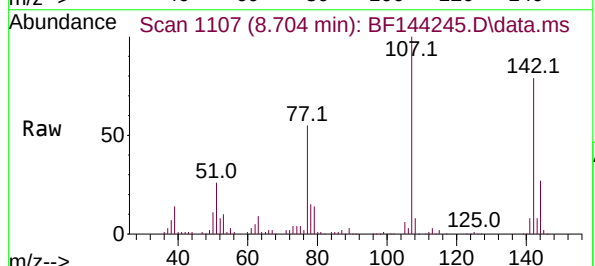
Tgt Ion:107 Resp: 155296

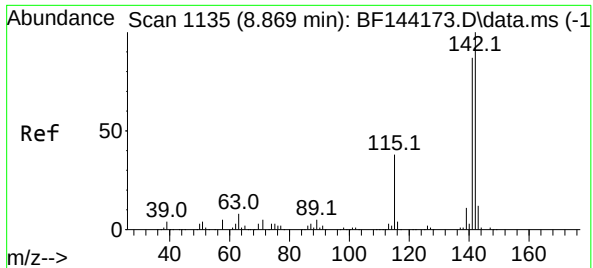
Ion Ratio Lower Upper

107 100

144 27.5 23.3 34.9

142 78.9 63.8 95.6





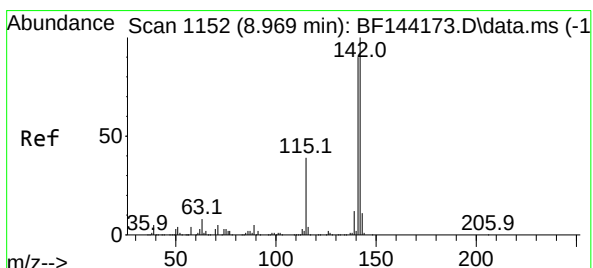
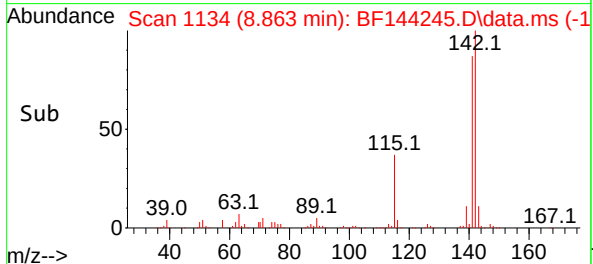
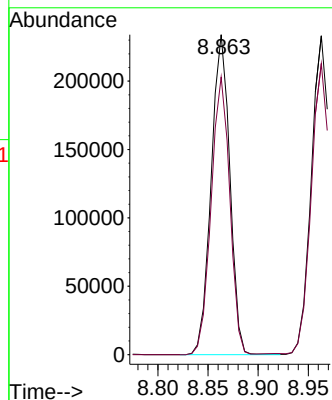
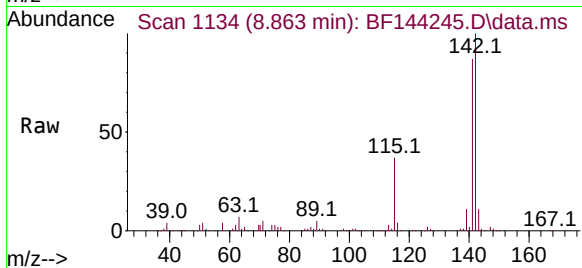
#37
2-Methylnaphthalene
Concen: 39.076 ng
RT: 8.863 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion:142 Resp: 302563
Ion Ratio Lower Upper
142 100
141 86.7 69.9 104.9

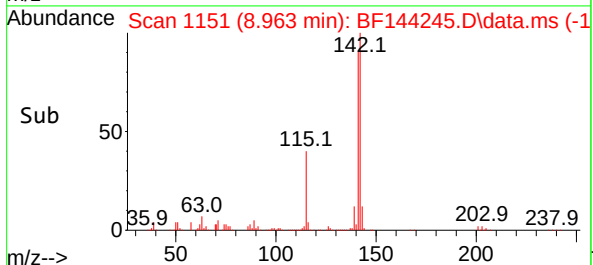
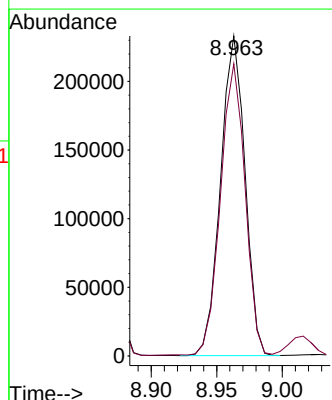
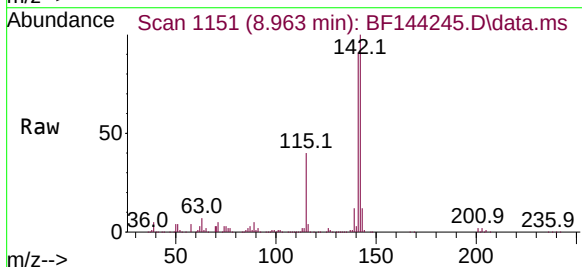
Manual Integrations
APPROVED

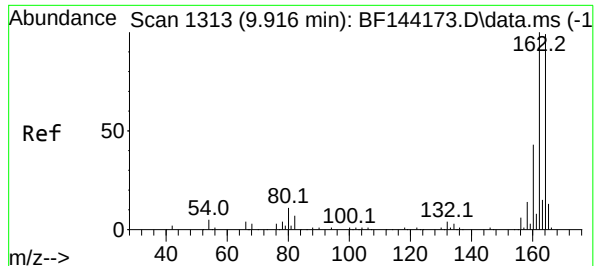
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#38
1-Methylnaphthalene
Concen: 40.470 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:142 Resp: 302350
Ion Ratio Lower Upper
142 100
141 91.3 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF144245.D

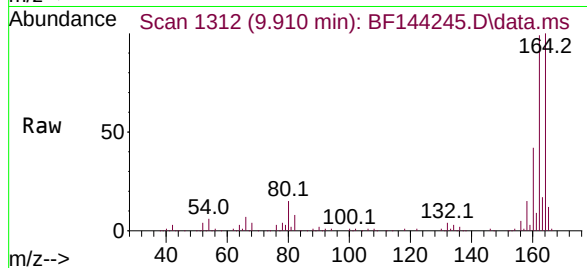
Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS



Tgt Ion:164 Resp: 140132

Ion Ratio Lower Upper

164 100

162 99.2 81.1 121.7

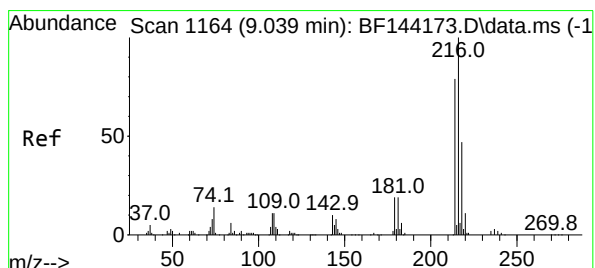
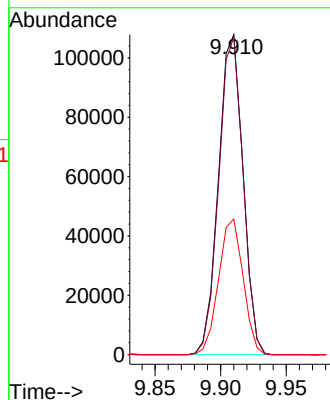
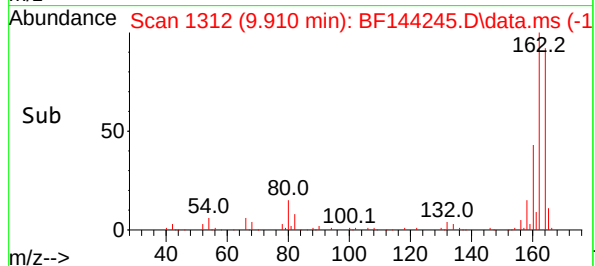
160 42.4 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#40

1,2,4,5-Tetrachlorobenzene

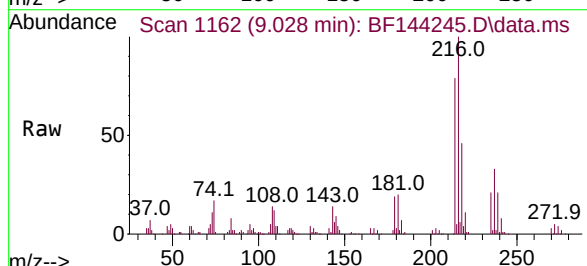
Concen: 40.109 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55



Tgt Ion:216 Resp: 184203

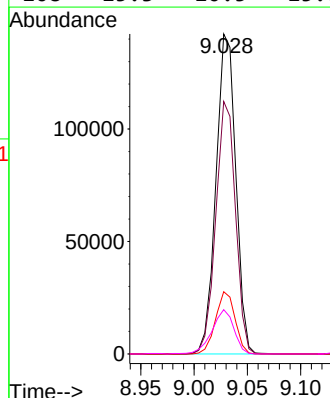
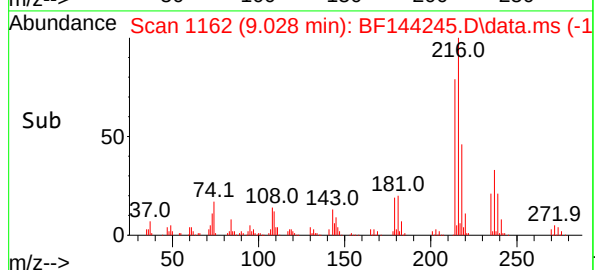
Ion Ratio Lower Upper

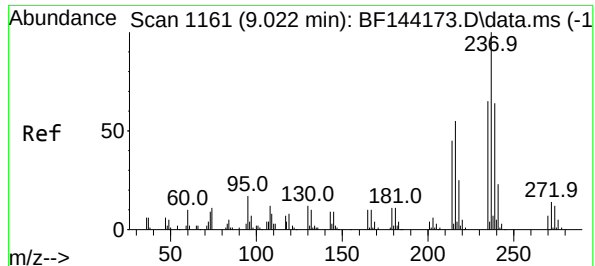
216 100

214 78.4 63.4 95.2

179 19.1 15.0 22.4

108 15.3 10.5 15.7





#41

Hexachlorocyclopentadiene

Concen: 96.064 ng

RT: 9.016 min Scan# 1160

Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:237 Resp: 185990

Ion Ratio Lower Upper

237 100

235 64.2 45.5 85.5

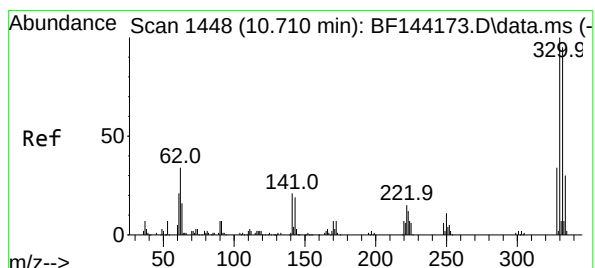
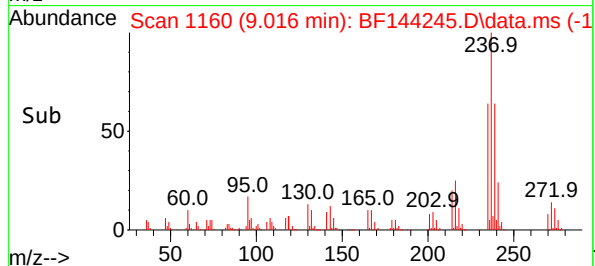
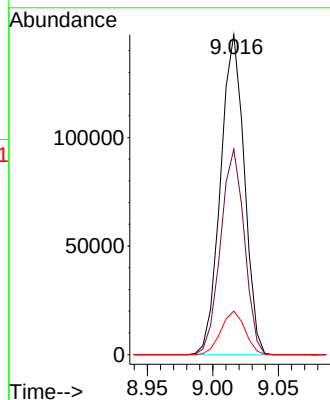
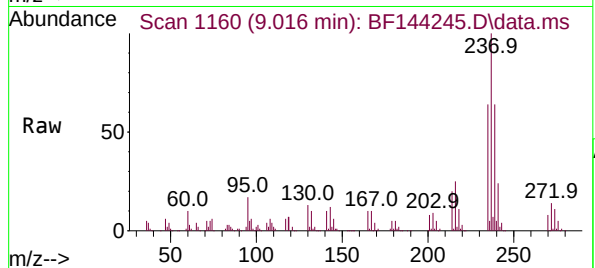
272 13.6 0.0 33.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#42

2,4,6-Tribromophenol

Concen: 122.983 ng

RT: 10.704 min Scan# 1447

Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

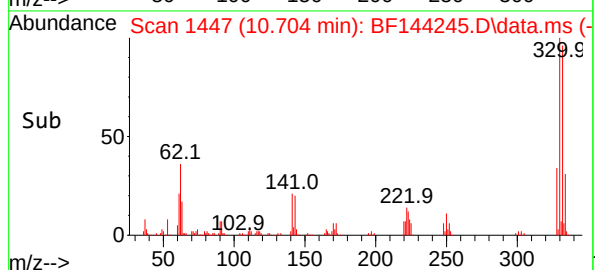
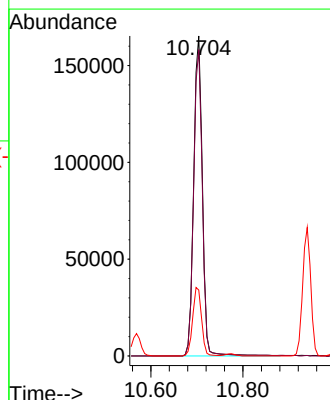
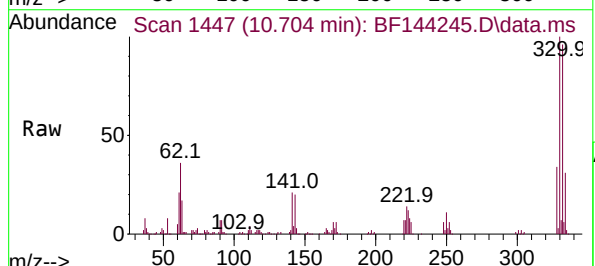
Tgt Ion:330 Resp: 216265

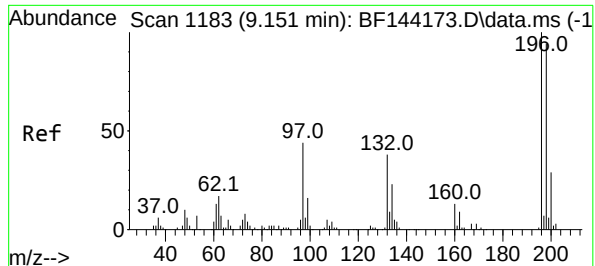
Ion Ratio Lower Upper

330 100

332 95.7 76.7 115.1

141 21.9 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 41.122 ng

RT: 9.145 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:196 Resp: 128539

Ion Ratio Lower Upper

196 100

198 94.9 75.3 112.9

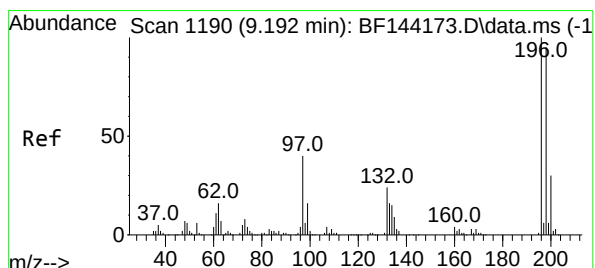
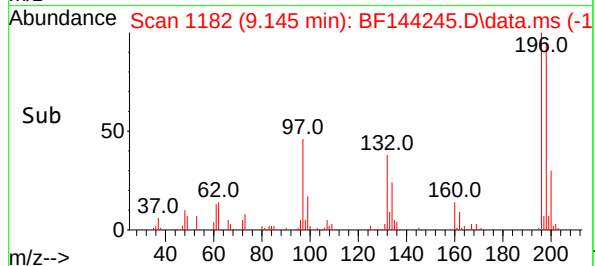
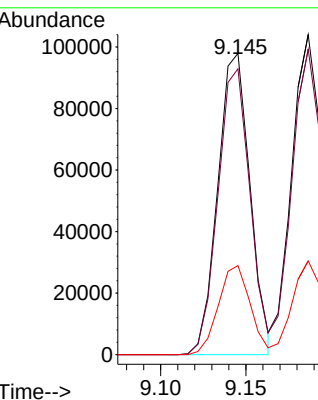
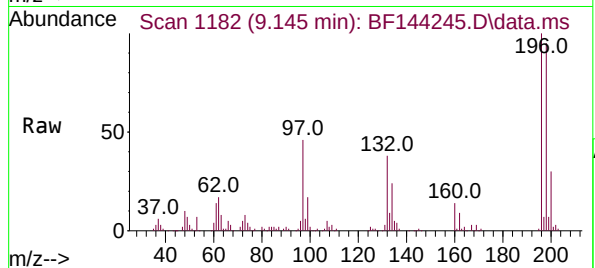
200 29.6 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#44

2,4,5-Trichlorophenol

Concen: 40.694 ng

RT: 9.187 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Tgt Ion:196 Resp: 137095

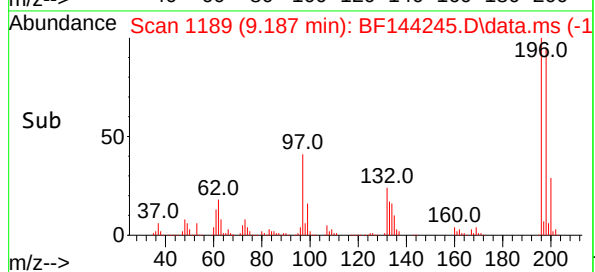
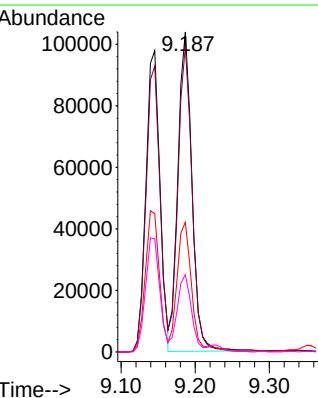
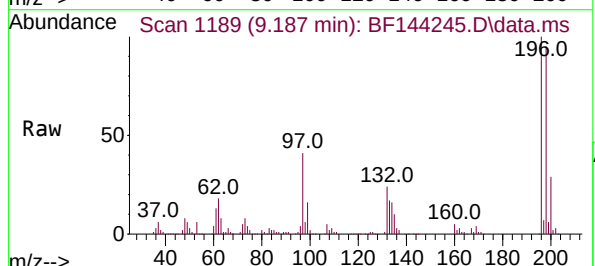
Ion Ratio Lower Upper

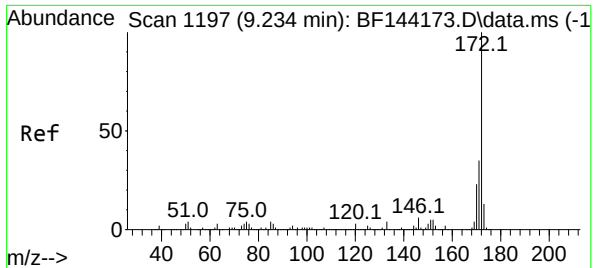
196 100

198 95.4 76.1 114.1

97 40.5 31.9 47.9

132 24.1 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 76.850 ng

RT: 9.228 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:172 Resp: 729154

Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

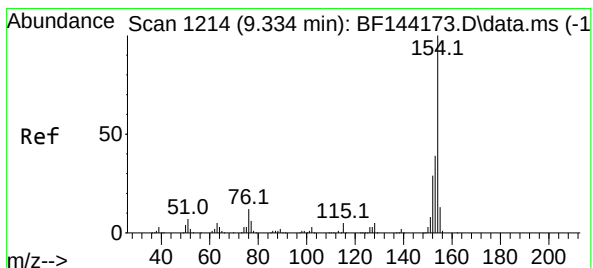
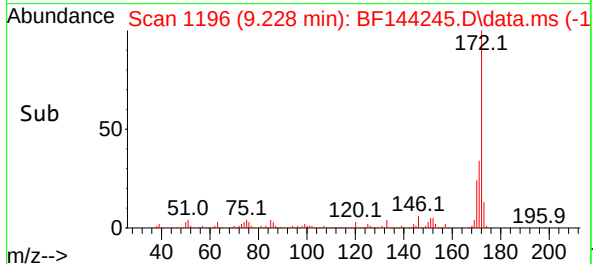
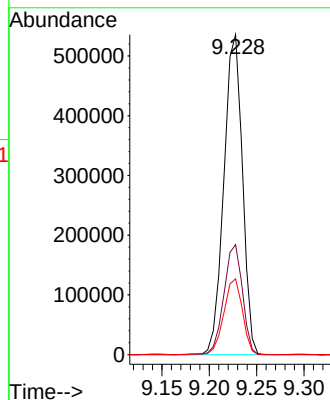
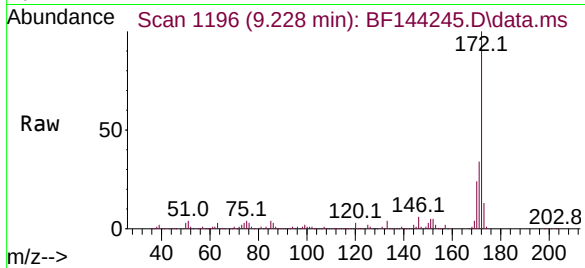
170 23.7 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#46

1,1'-Biphenyl

Concen: 42.315 ng

RT: 9.328 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

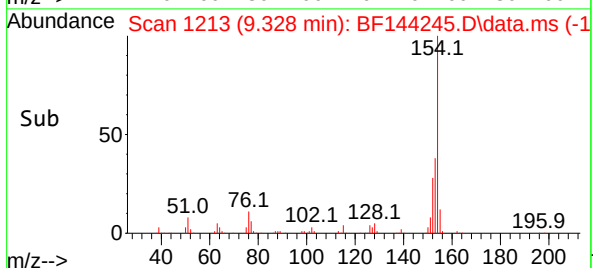
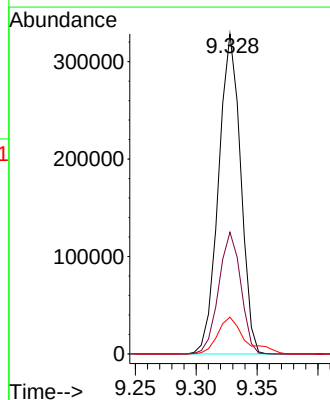
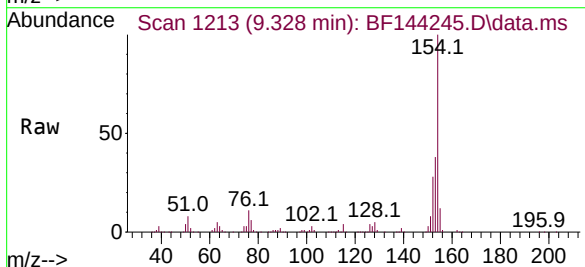
Tgt Ion:154 Resp: 413905

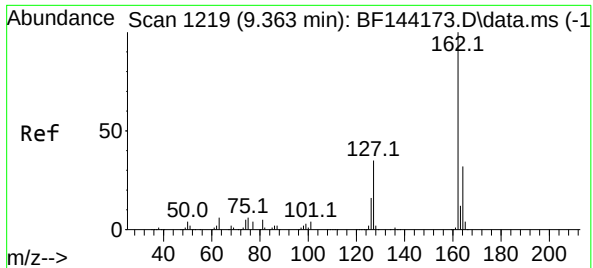
Ion Ratio Lower Upper

154 100

153 38.0 19.2 59.2

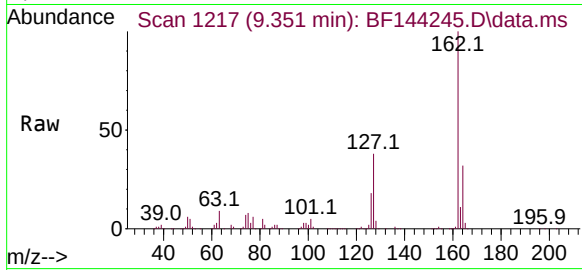
76 11.5 0.0 31.8





#47
2-Chloronaphthalene
Concen: 40.503 ng
RT: 9.351 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

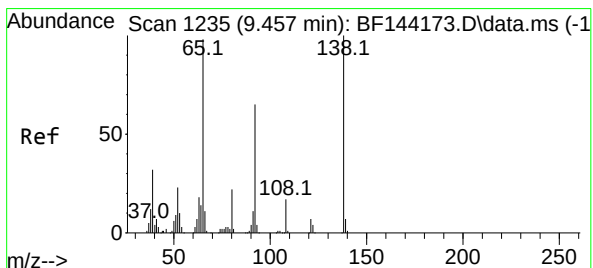
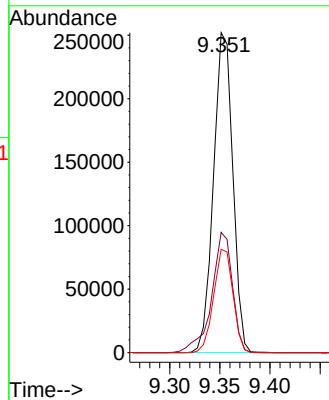
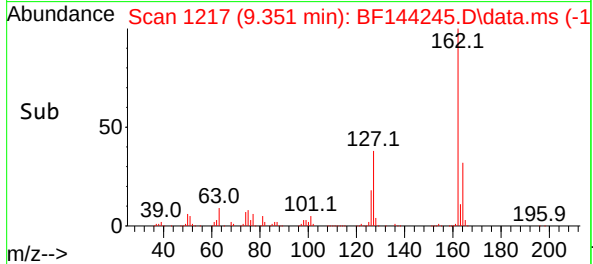
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:162 Resp: 337950
Ion Ratio Lower Upper
162 100
127 37.6 28.8 43.2
164 32.3 25.8 38.8

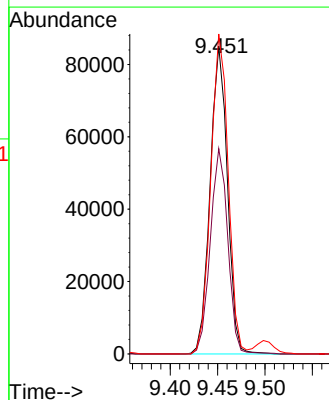
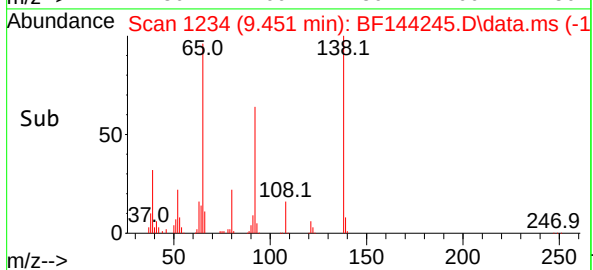
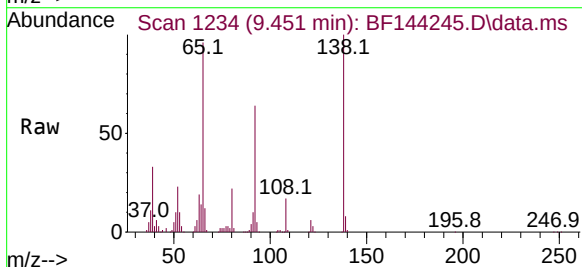
Manual Integrations
APPROVED

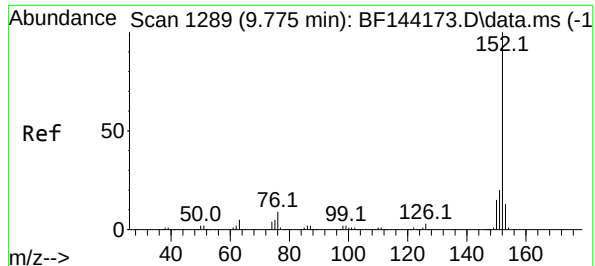
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#48
2-Nitroaniline
Concen: 44.928 ng
RT: 9.451 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion: 65 Resp: 108163
Ion Ratio Lower Upper
65 100
92 66.7 53.0 79.6
138 104.0 81.6 122.4





#49

Acenaphthylene

Concen: 46.877 ng

RT: 9.769 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

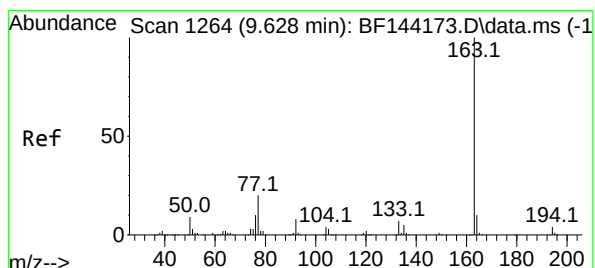
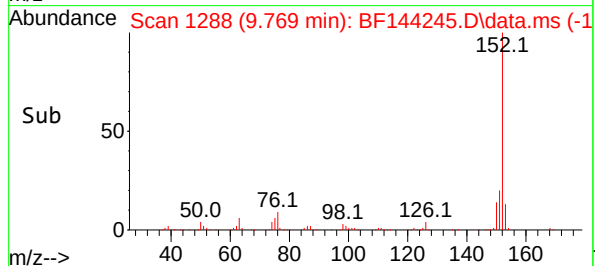
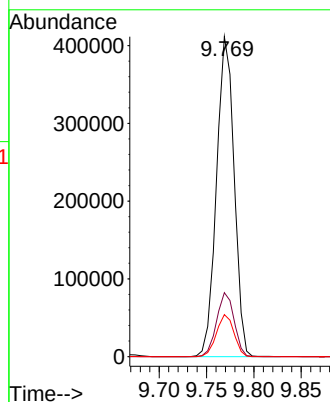
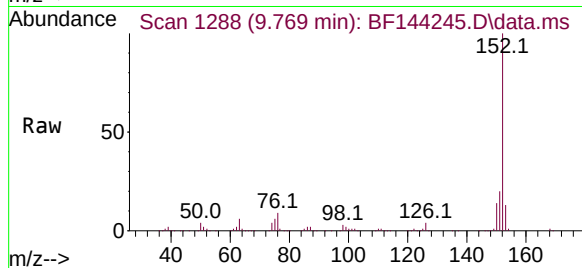
PB170473BS

Tgt Ion:	152	Resp:	533014
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.9	23.9
153	13.1	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#50

Dimethylphthalate

Concen: 43.686 ng

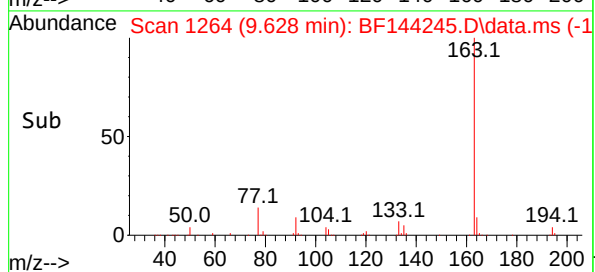
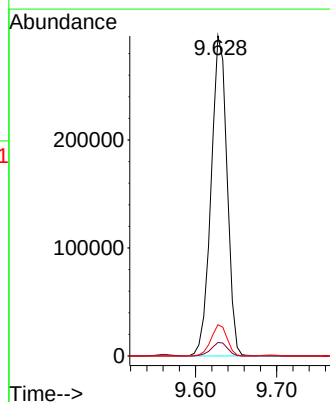
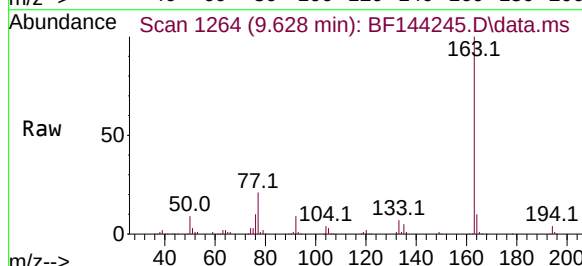
RT: 9.628 min Scan# 1264

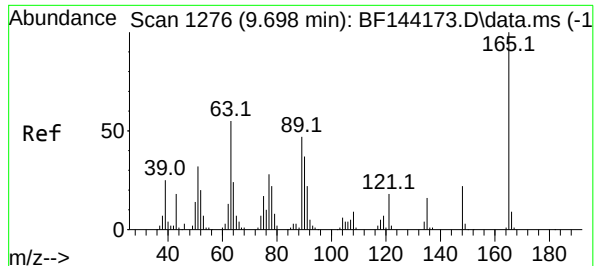
Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

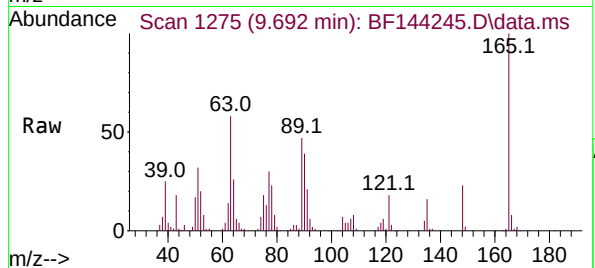
Tgt Ion:	163	Resp:	405560
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.3	4.9
164	9.7	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 46.646 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

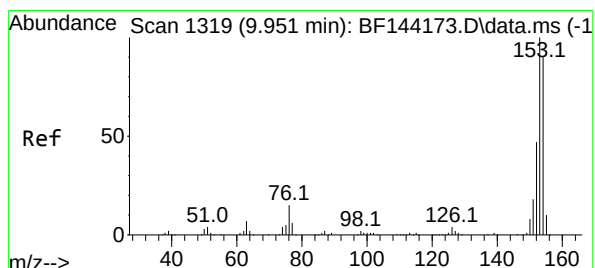
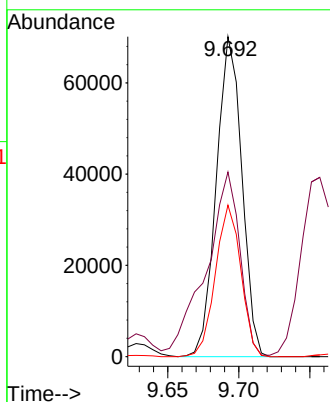
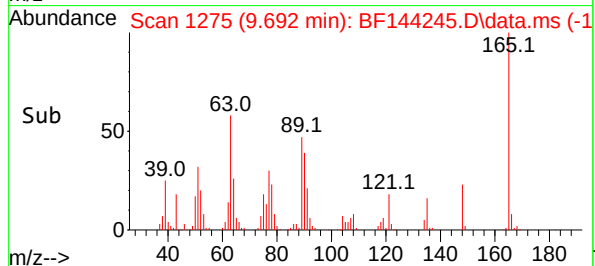
Instrument :
BNA_F
ClientSampleId :
PB170473BS



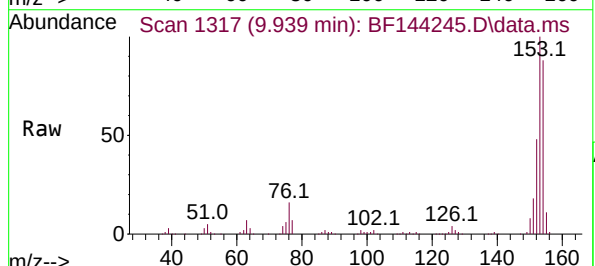
Tgt Ion:165 Resp: 87663
Ion Ratio Lower Upper
165 100
63 57.7 43.8 65.8
89 47.3 37.5 56.3

Manual Integrations
APPROVED

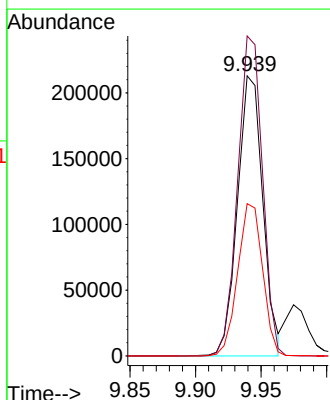
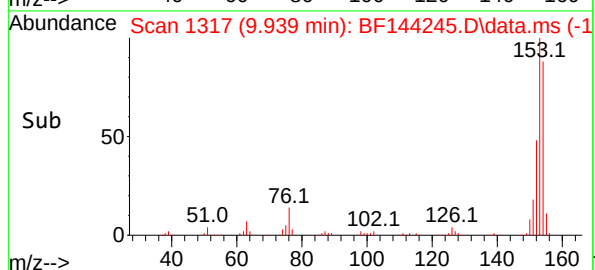
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

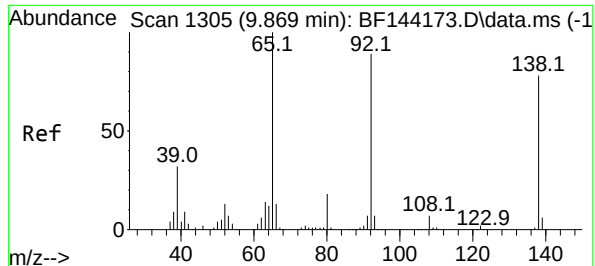


#52
Acenaphthene
Concen: 37.646 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



Tgt Ion:154 Resp: 286244
Ion Ratio Lower Upper
154 100
153 114.3 89.0 133.4
152 54.3 42.2 63.4





#53

3-Nitroaniline

Concen: 26.020 ng

RT: 9.863 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:138 Resp: 5345

Ion Ratio Lower Upper

138 100

108 9.5 7.5 11.3

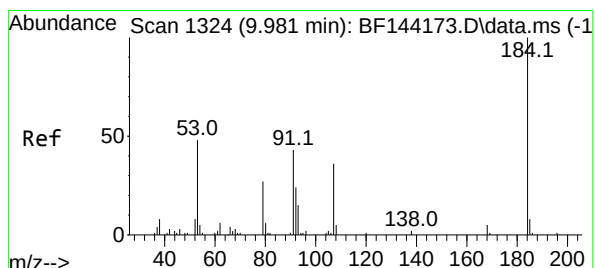
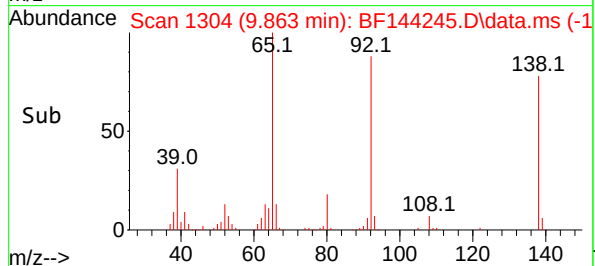
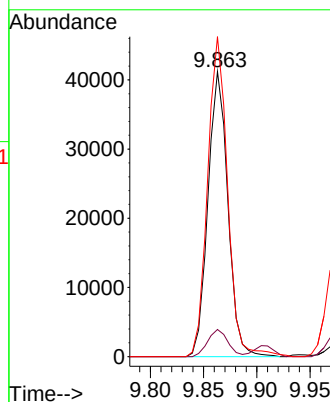
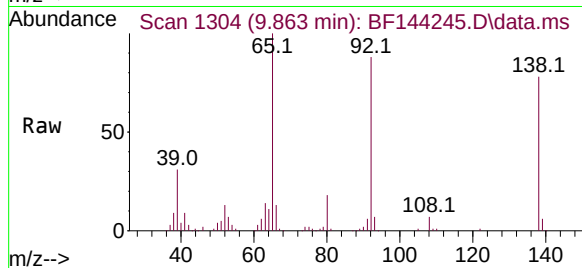
92 112.2 91.8 137.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#54

2,4-Dinitrophenol

Concen: 93.073 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

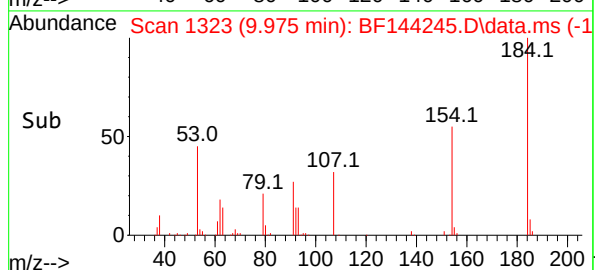
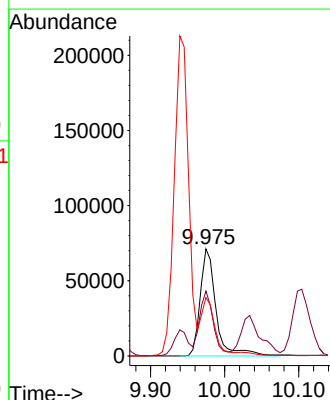
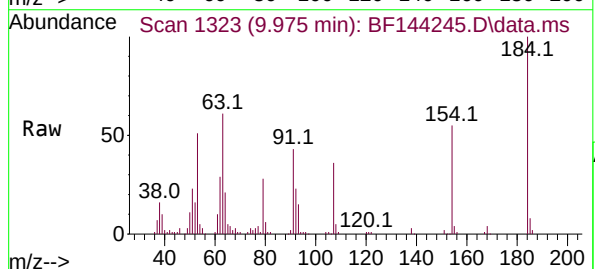
Tgt Ion:184 Resp: 105620

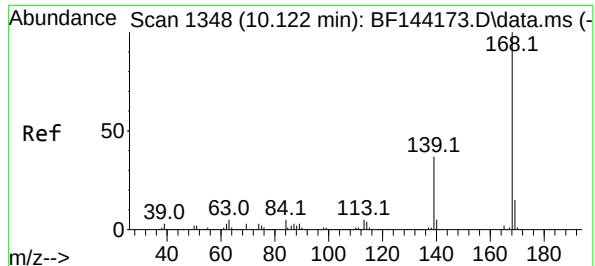
Ion Ratio Lower Upper

184 100

63 60.6 44.0 66.0

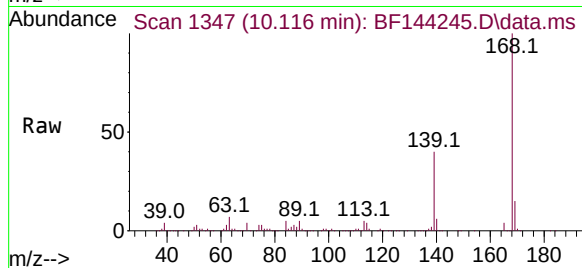
154 54.6 42.4 63.6





#55
Dibenzenofuran
Concen: 40.396 ng
RT: 10.116 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

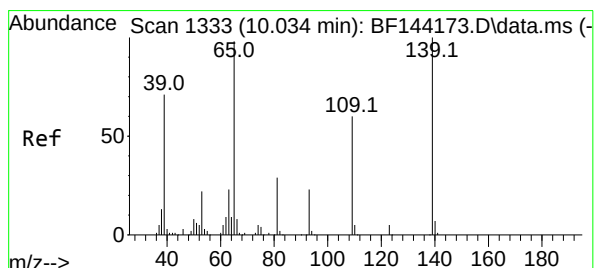
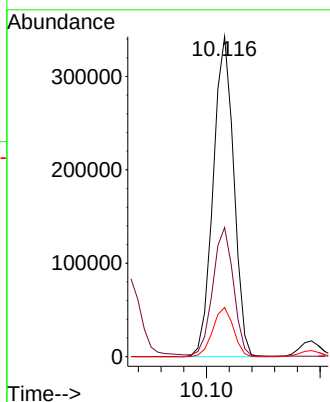
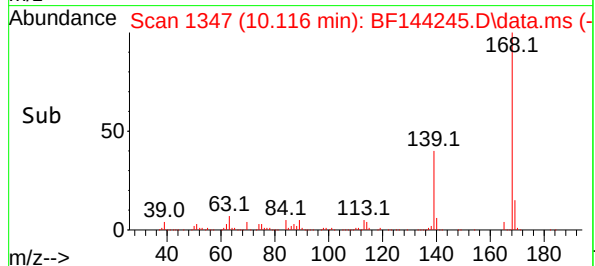
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:168 Resp: 430172
Ion Ratio Lower Upper
168 100
139 40.3 30.2 45.2
169 15.4 12.2 18.4

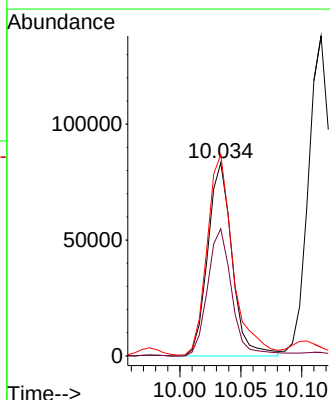
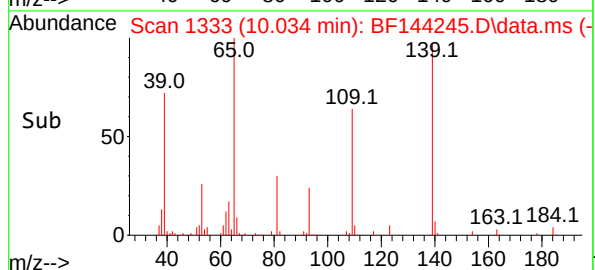
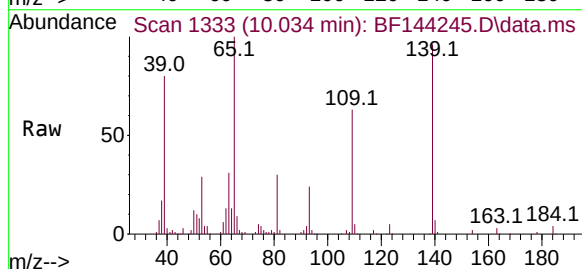
Manual Integrations
APPROVED

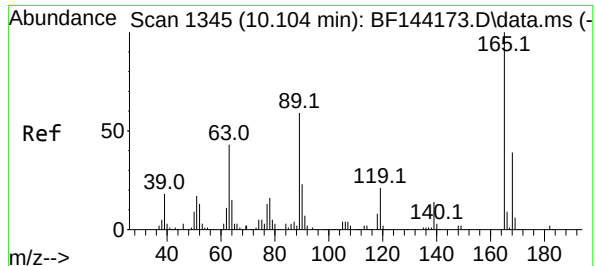
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#56
4-Nitrophenol
Concen: 77.783 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

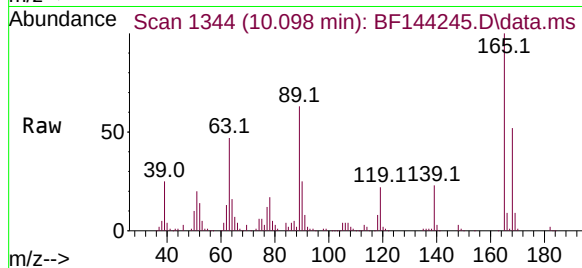
Tgt Ion:139 Resp: 115588
Ion Ratio Lower Upper
139 100
109 65.8 39.9 79.9
65 104.2 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 46.184 ng
RT: 10.098 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

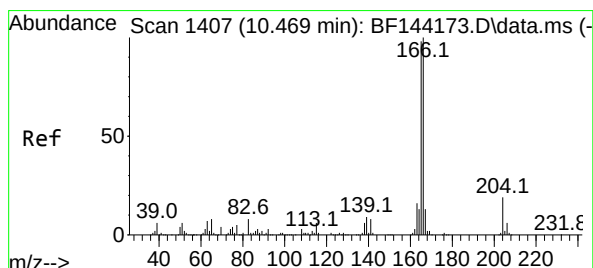
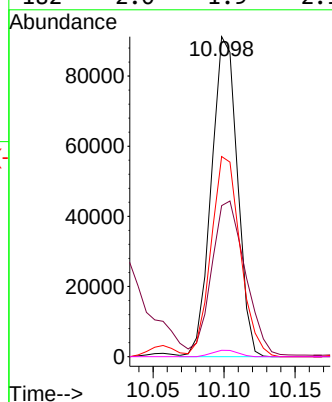
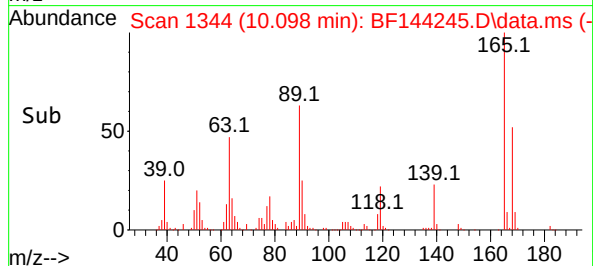
Instrument :
BNA_F
ClientSampleId :
PB170473BS



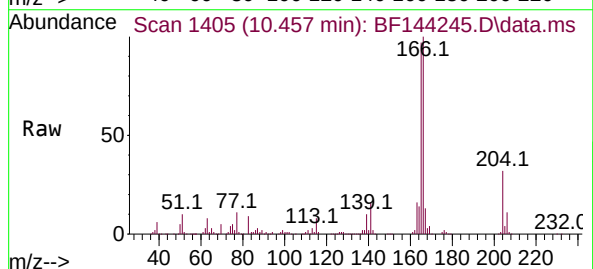
Tgt Ion:165 Resp: 116188
Ion Ratio Lower Upper
165 100
63 47.2 35.5 53.3
89 62.5 47.4 71.2
182 2.0 1.9 2.9

Manual Integrations
APPROVED

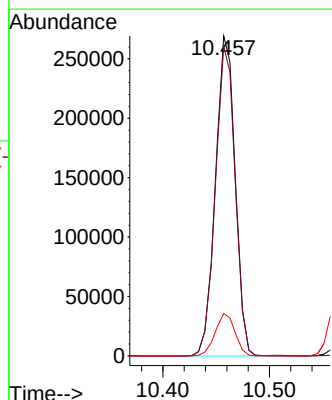
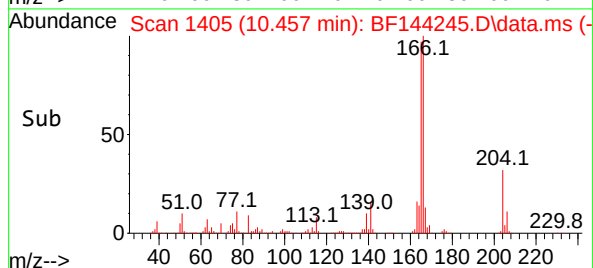
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

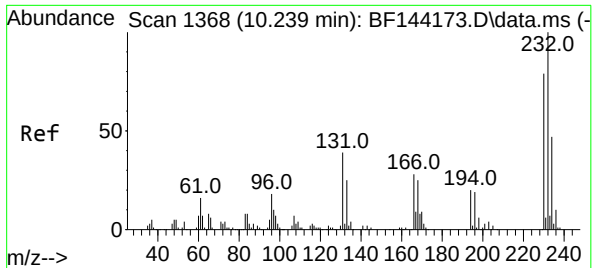


#58
Fluorene
Concen: 42.784 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



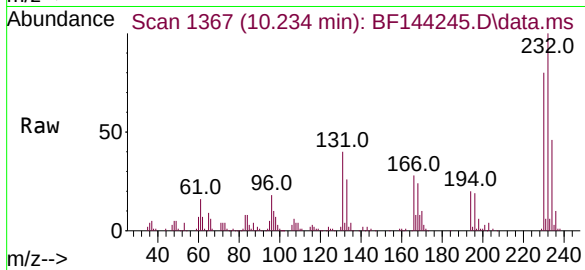
Tgt Ion:166 Resp: 346406
Ion Ratio Lower Upper
166 100
165 96.8 78.6 118.0
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.234 ng
RT: 10.234 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

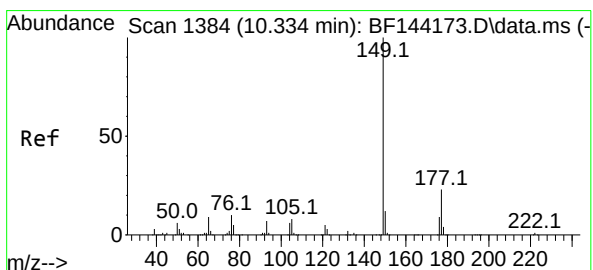
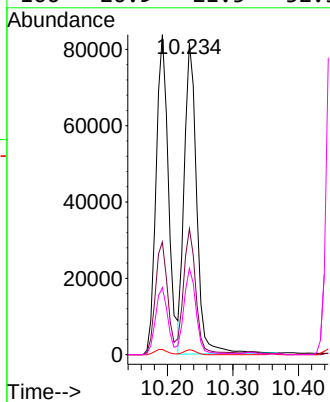
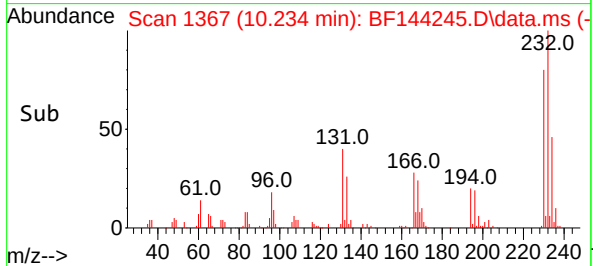
Instrument :
BNA_F
ClientSampleId :
PB170473BS



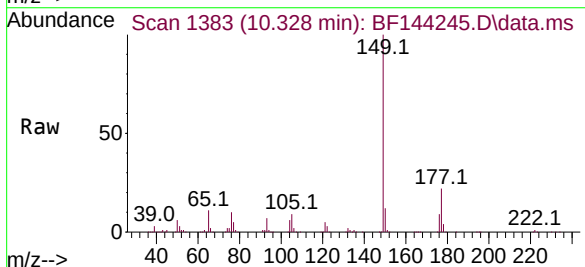
Tgt Ion:232 Resp: 107816
Ion Ratio Lower Upper
232 100
131 41.3 30.3 45.5
130 1.5 1.2 1.8
166 26.9 21.5 32.3

Manual Integrations
APPROVED

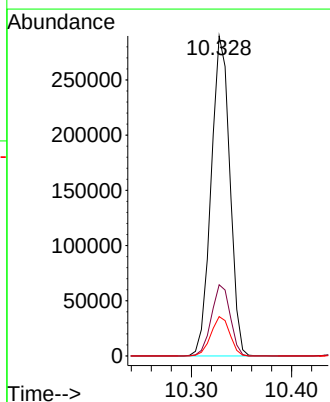
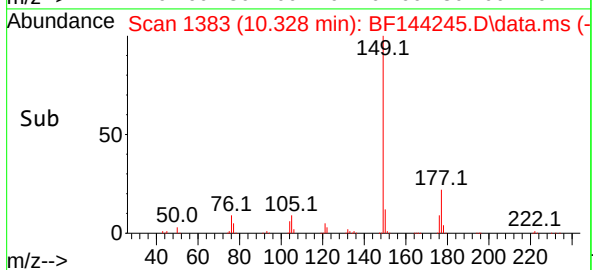
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

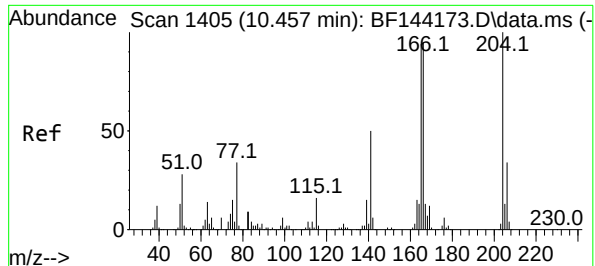


#60
Diethylphthalate
Concen: 43.734 ng
RT: 10.328 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



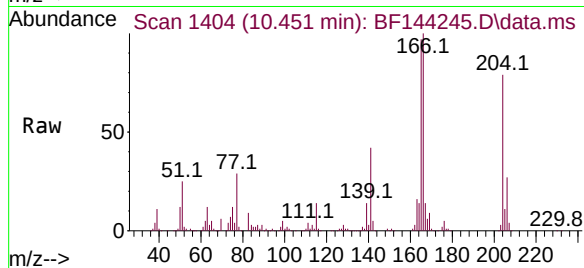
Tgt Ion:149 Resp: 374276
Ion Ratio Lower Upper
149 100
177 22.2 18.3 27.5
150 12.3 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 40.526 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

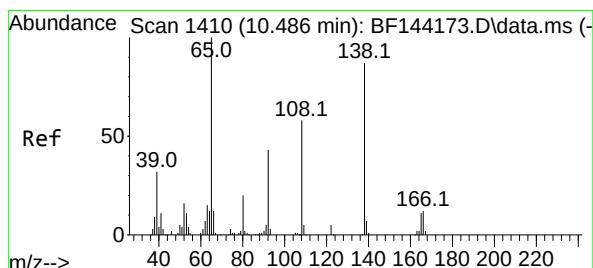
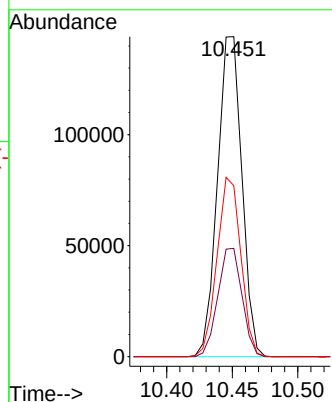
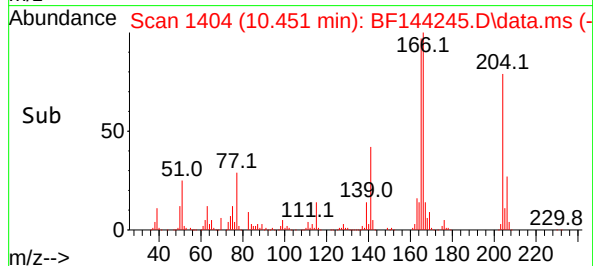
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:204 Resp: 186905
Ion Ratio Lower Upper
204 100
206 33.8 27.4 41.2
141 53.4 40.0 60.0

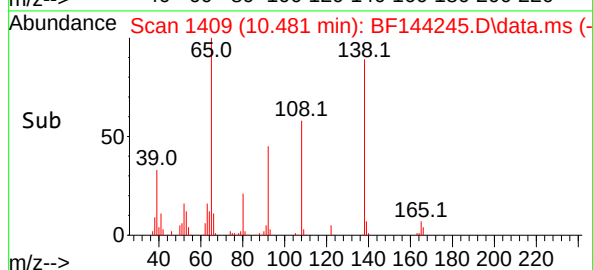
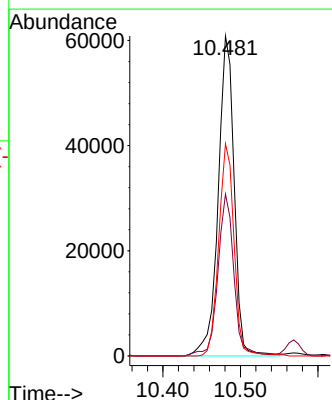
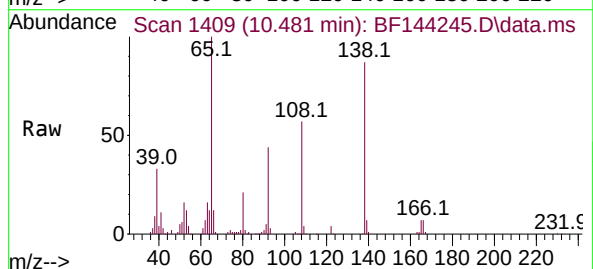
Manual Integrations
APPROVED

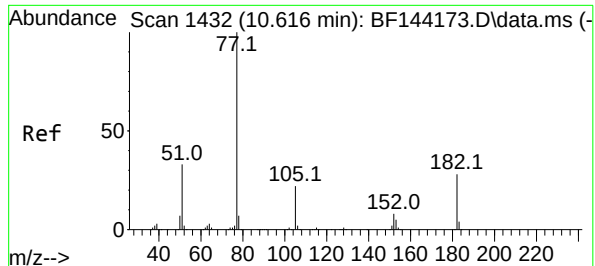
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#62
4-Nitroaniline
Concen: 44.639 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

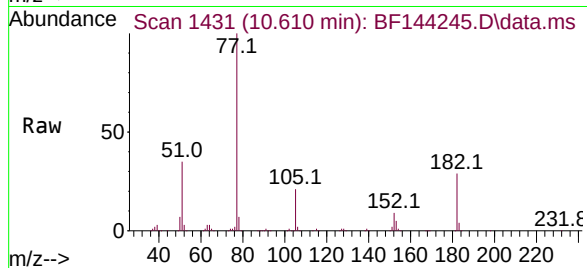
Tgt Ion:138 Resp: 87332
Ion Ratio Lower Upper
138 100
92 50.6 29.4 69.4
108 66.3 46.4 86.4





#63
Azobenzene
Concen: 45.196 ng
RT: 10.610 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

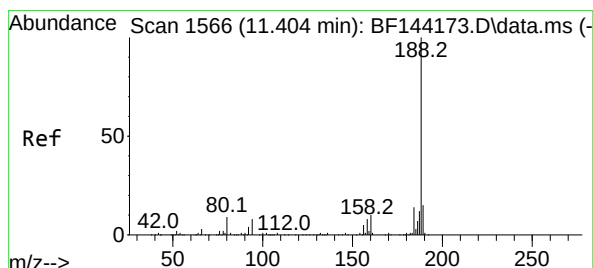
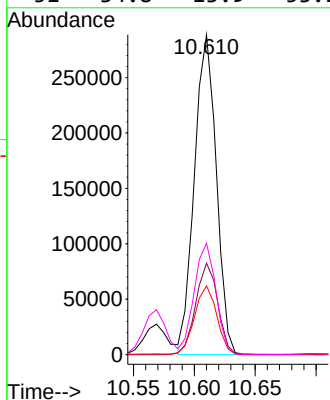
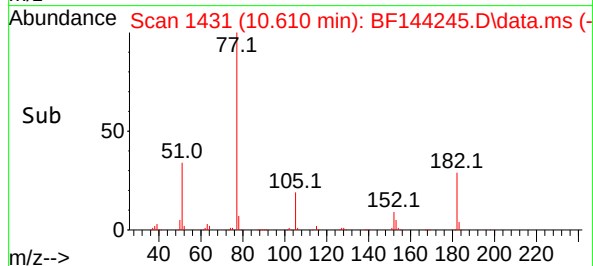
Instrument :
BNA_F
ClientSampleId :
PB170473BS



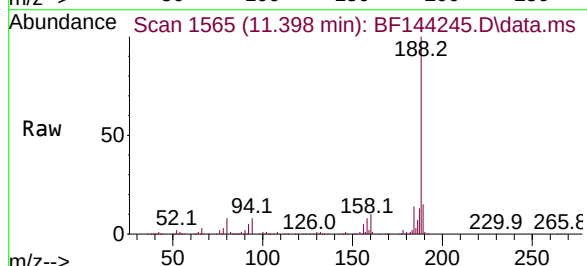
Tgt Ion: 77 Resp: 359970
Ion Ratio Lower Upper
77 100
182 28.6 8.1 48.1
105 21.5 2.0 42.0
51 34.8 13.9 53.9

Manual Integrations
APPROVED

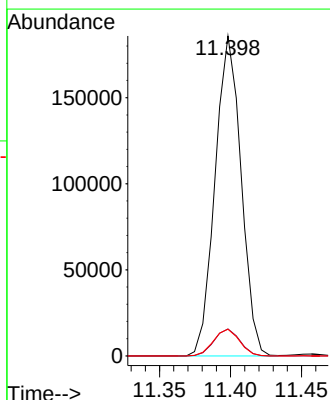
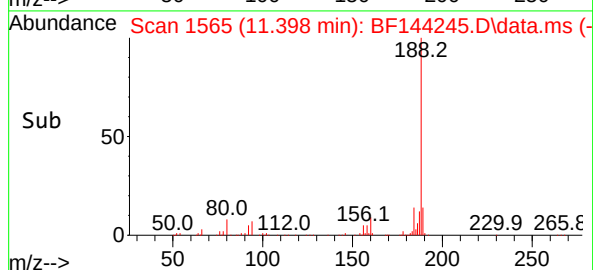
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

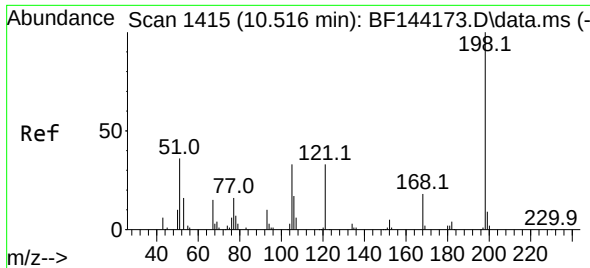


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



Tgt Ion:188 Resp: 236951
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 8.3 6.9 10.3





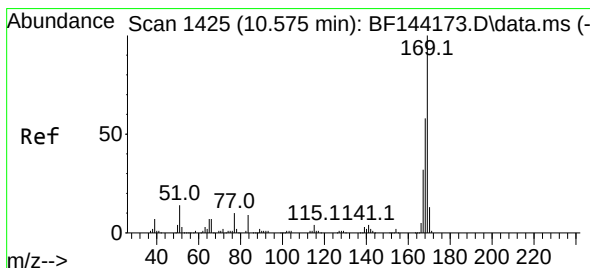
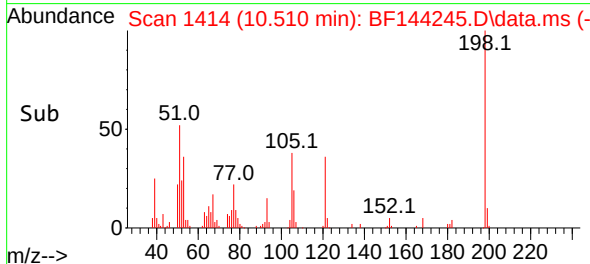
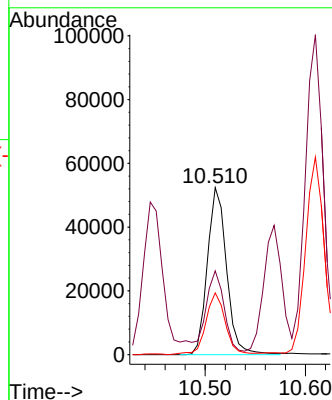
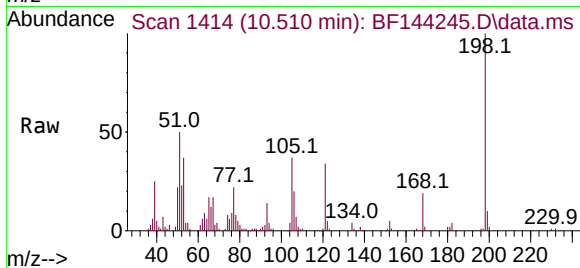
#65
4,6-Dinitro-2-methylphenol
Concen: 43.140 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB170473BS

Tgt Ion:198 Resp: 69443
Ion Ratio Lower Upper
198 100
51 50.2 25.6 65.6
105 37.0 14.6 54.6

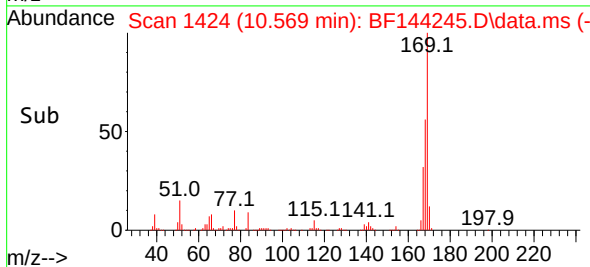
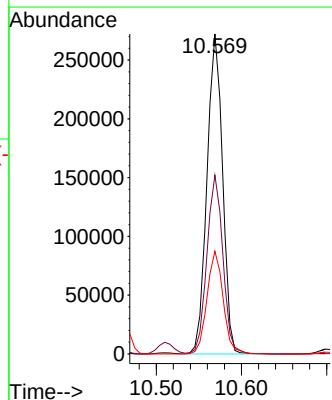
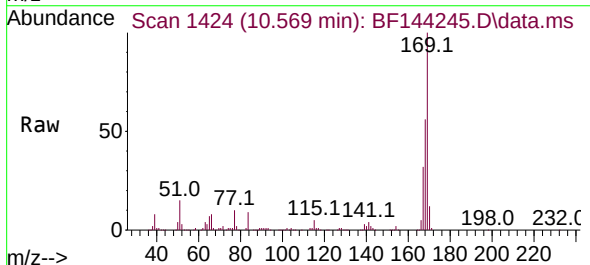
Manual Integrations
APPROVED

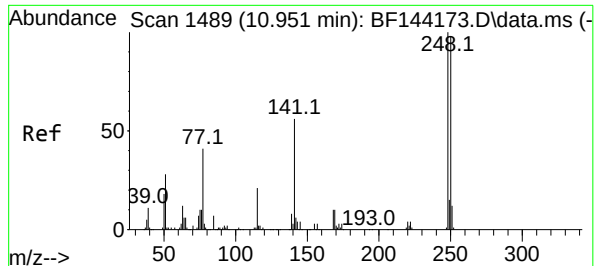
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#66
n-Nitrosodiphenylamine
Concen: 45.387 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

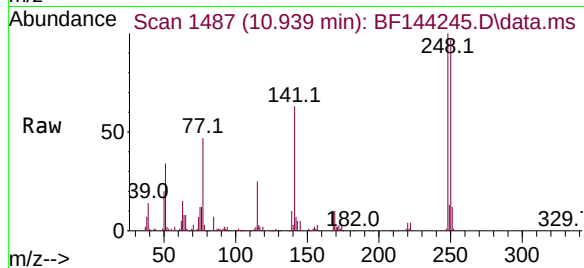
Tgt Ion:169 Resp: 345895
Ion Ratio Lower Upper
169 100
168 55.8 46.2 69.2
167 32.1 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 42.683 ng
RT: 10.939 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

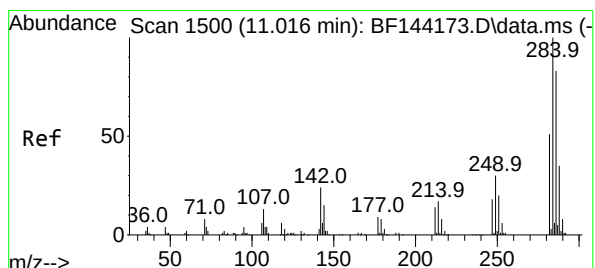
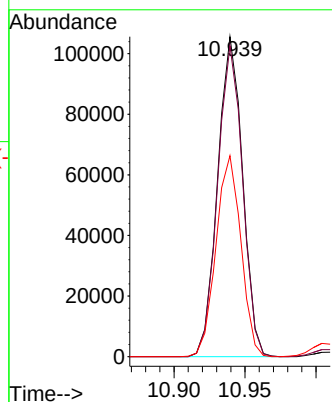
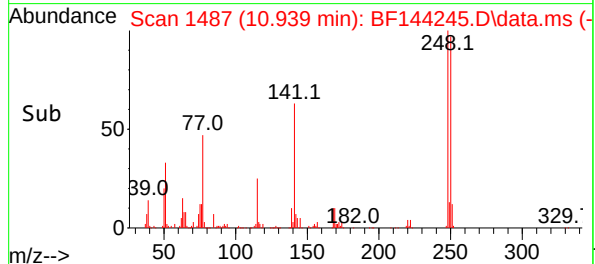
Instrument :
BNA_F
ClientSampleId :
PB170473BS



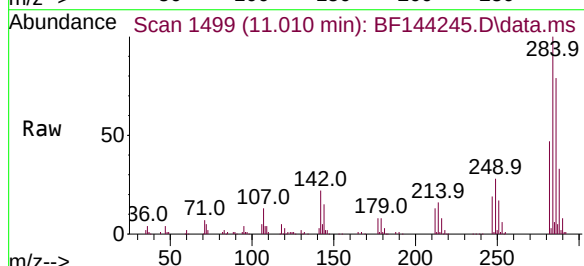
Tgt Ion:248 Resp: 129092
Ion Ratio Lower Upper
248 100
250 97.1 78.4 117.6
141 62.8 45.1 67.7

Manual Integrations
APPROVED

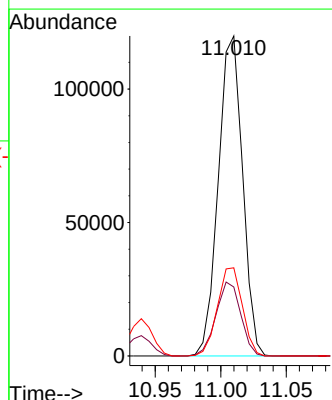
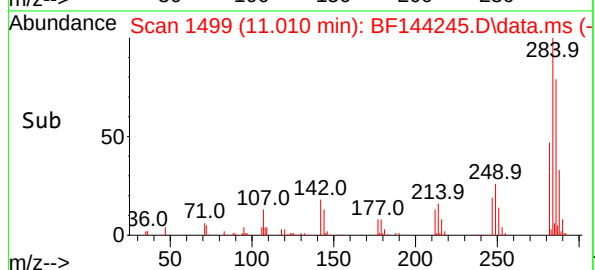
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

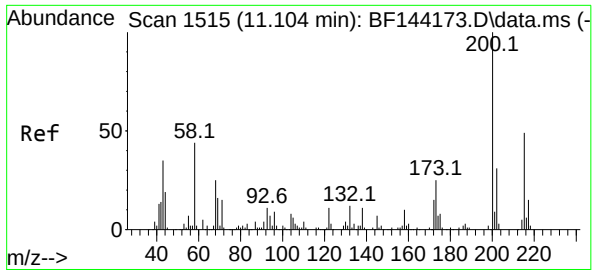


#68
Hexachlorobenzene
Concen: 43.495 ng
RT: 11.010 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



Tgt Ion:284 Resp: 154946
Ion Ratio Lower Upper
284 100
142 21.5 19.2 28.8
249 27.5 23.8 35.8





#69

Atrazine

Concen: 45.352 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.000 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:200 Resp: 10991

Ion Ratio Lower Upper

200 100

173 26.6 5.0 45.0

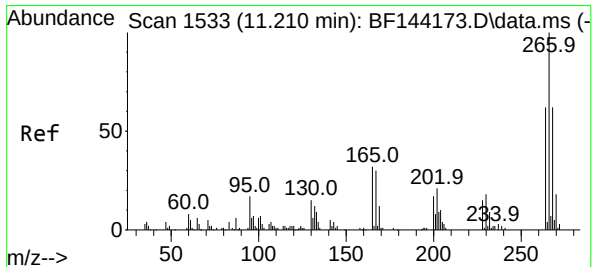
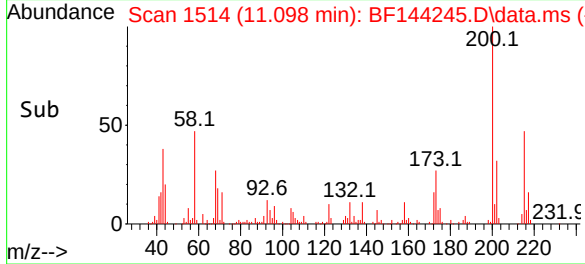
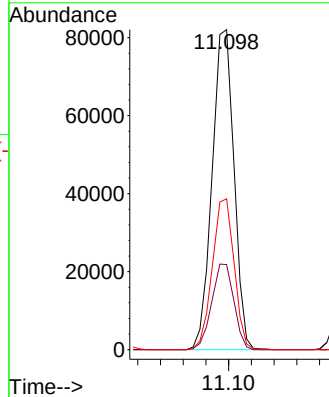
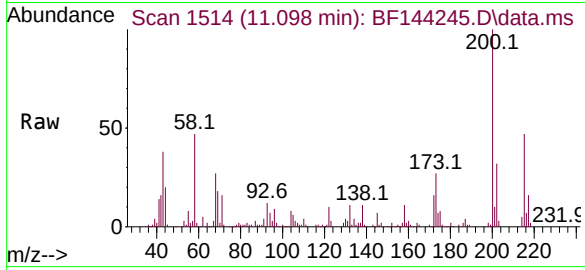
215 47.1 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#70

Pentachlorophenol

Concen: 83.663 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

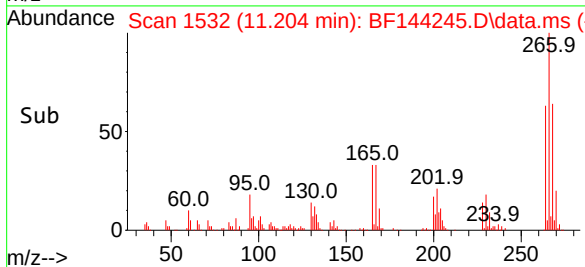
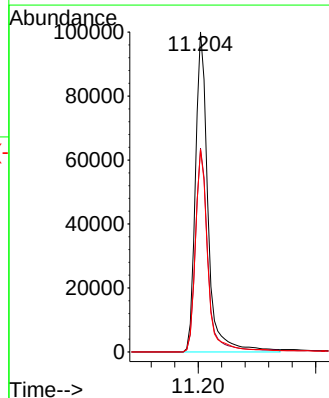
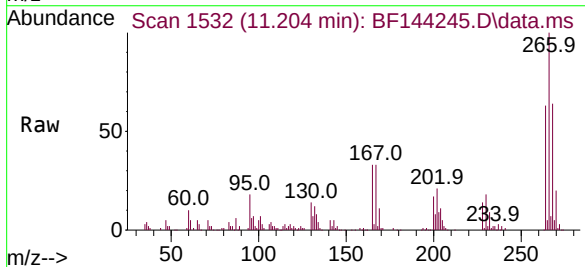
Tgt Ion:266 Resp: 148413

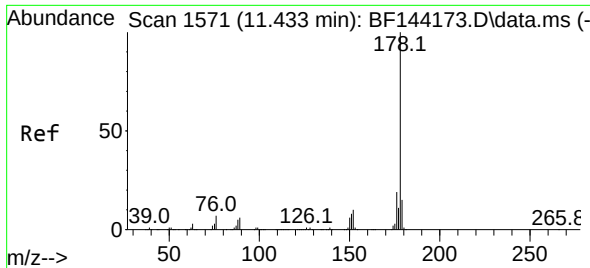
Ion Ratio Lower Upper

266 100

268 63.6 49.5 74.3

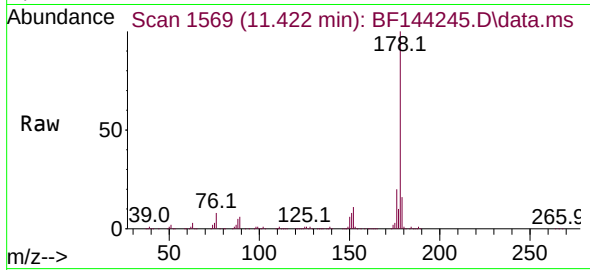
264 63.3 49.4 74.2





#71
Phenanthrene
Concen: 43.204 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

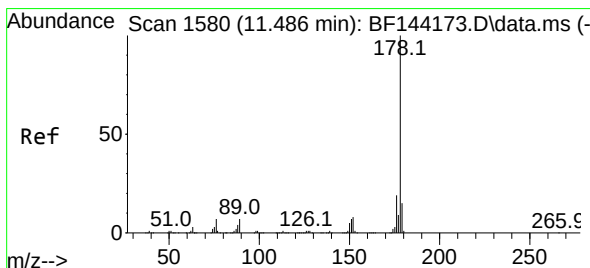
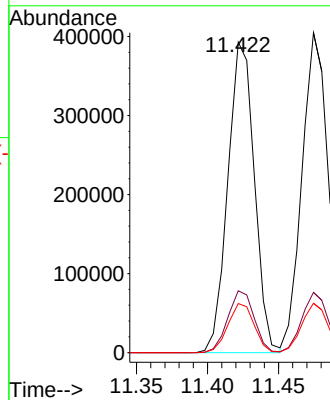
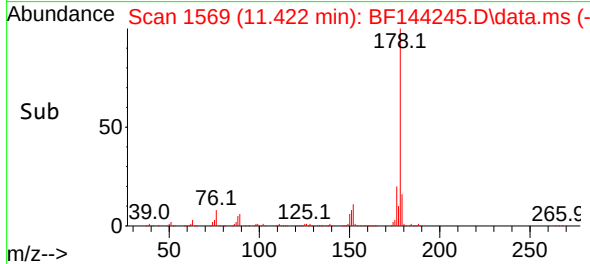
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:178 Resp: 509691
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.8 12.2 18.4

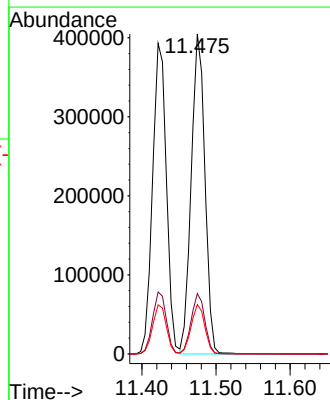
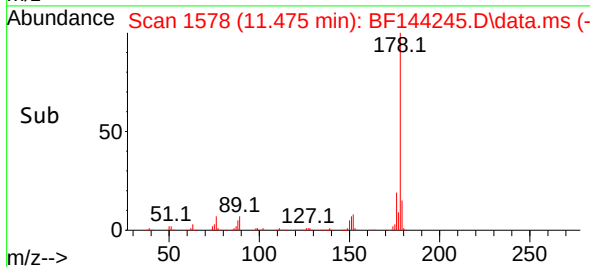
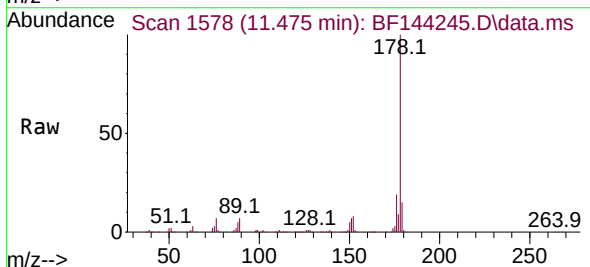
Manual Integrations
APPROVED

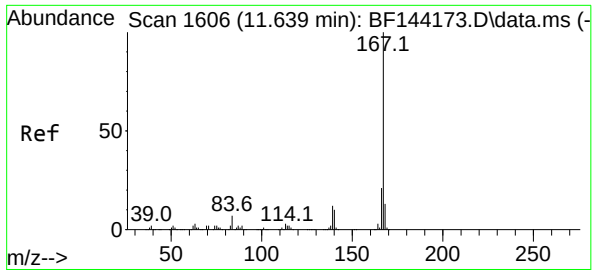
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#72
Anthracene
Concen: 43.285 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

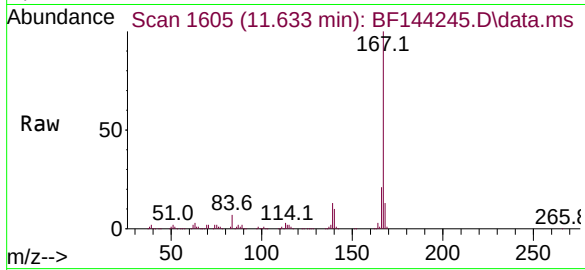
Tgt Ion:178 Resp: 519244
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.4 12.0 18.0





#73
 Carbazole
 Concen: 43.444 ng
 RT: 11.633 min Scan# 1605
 Delta R.T. -0.006 min
 Lab File: BF144245.D
 Acq: 13 Nov 2025 15:55

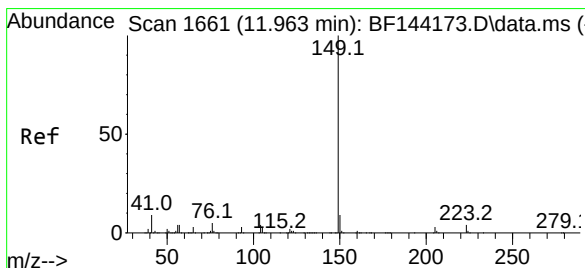
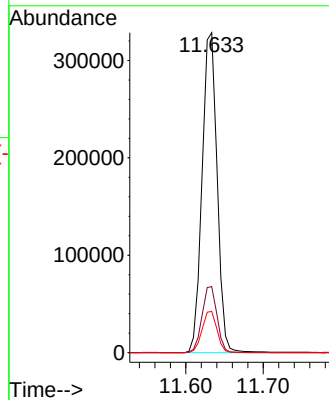
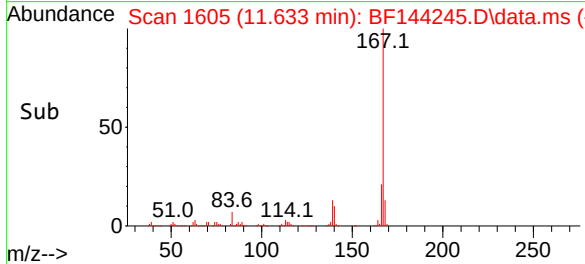
Instrument :
 BNA_F
 ClientSampleId :
 PB170473BS



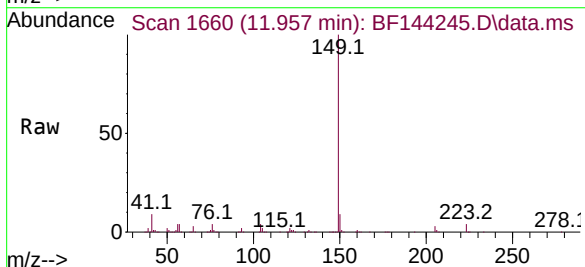
Tgt Ion:167 Resp: 443160
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.2 25.8
 139 12.9 9.9 14.9

Manual Integrations
 APPROVED

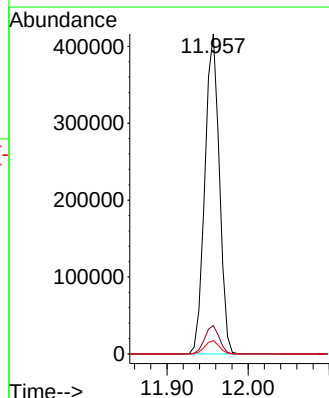
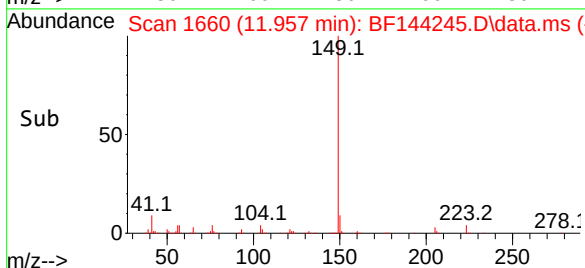
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

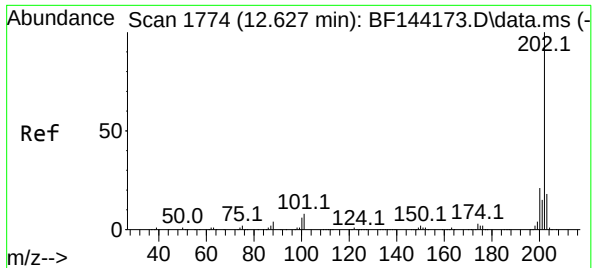


#74
 Di-n-butylphthalate
 Concen: 41.903 ng
 RT: 11.957 min Scan# 1660
 Delta R.T. -0.006 min
 Lab File: BF144245.D
 Acq: 13 Nov 2025 15:55



Tgt Ion:149 Resp: 516718
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.0
 104 4.1 3.4 5.2





#75

Fluoranthene

Concen: 41.326 ng

RT: 12.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:202 Resp: 50363

Ion Ratio Lower Upper

202 100

101 8.2 0.0 27.9

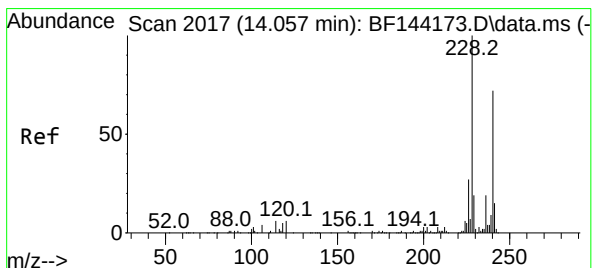
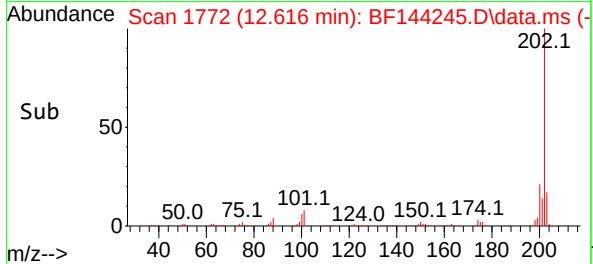
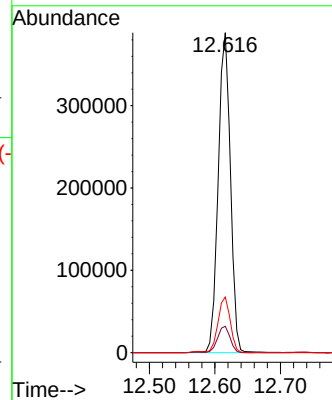
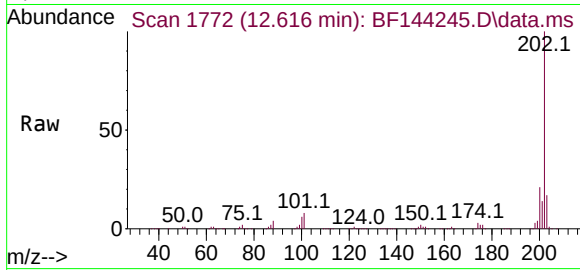
203 17.4 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

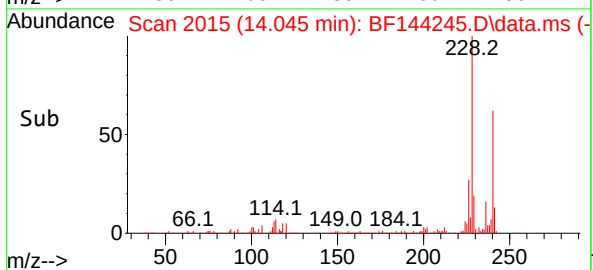
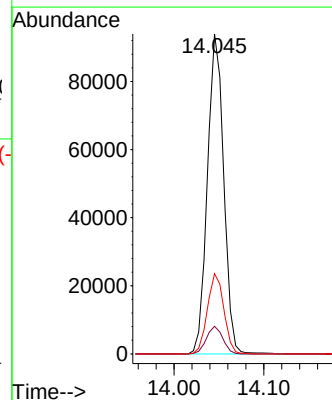
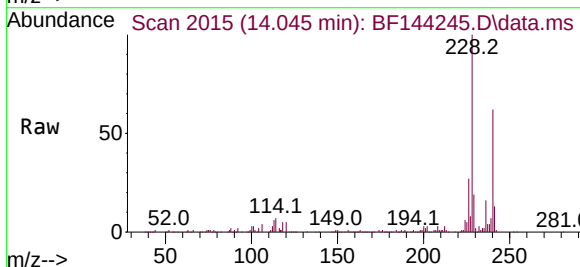
Tgt Ion:240 Resp: 118377

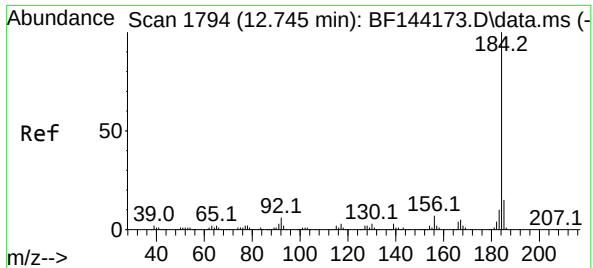
Ion Ratio Lower Upper

240 100

120 8.6 6.6 10.0

236 25.1 21.4 32.2





#77

Benzidine

Concen: 44.637 ng

RT: 12.733 min Scan# 1792

Delta R.T. -0.018 min

Lab File: BF144245.D

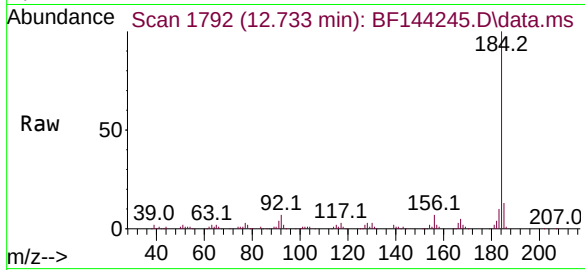
Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS



Tgt Ion:184 Resp: 156298

Ion Ratio Lower Upper

184 100

185 12.9 11.7 17.5

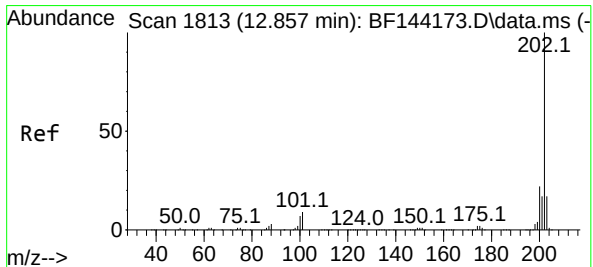
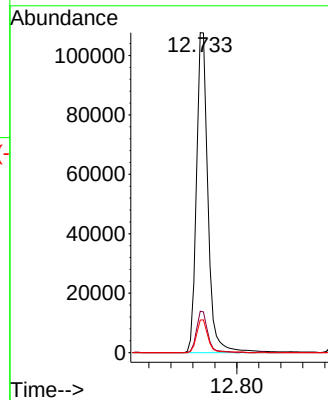
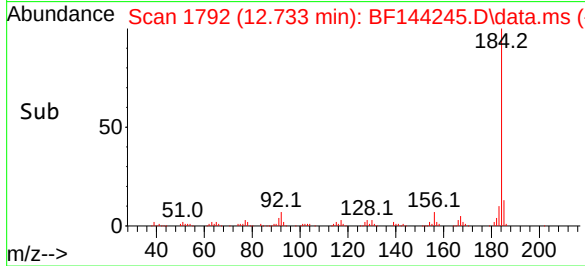
183 10.2 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#78

Pyrene

Concen: 51.692 ng

RT: 12.845 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

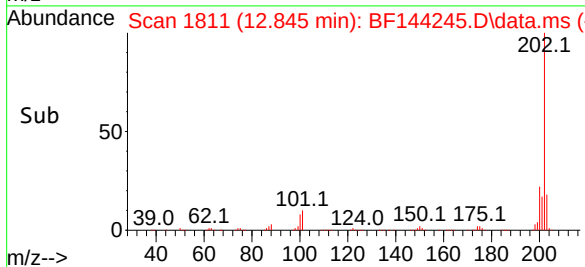
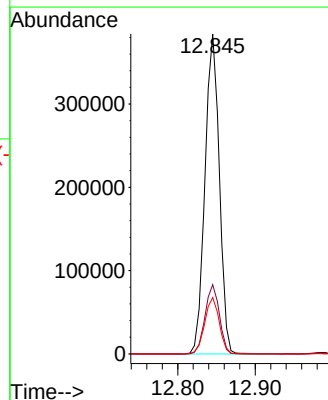
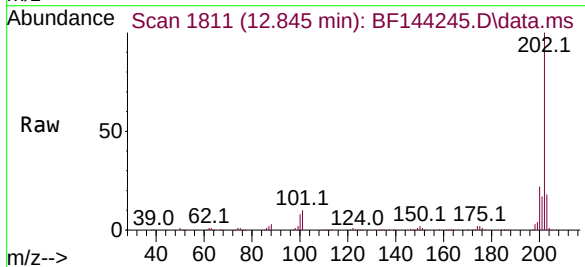
Tgt Ion:202 Resp: 493385

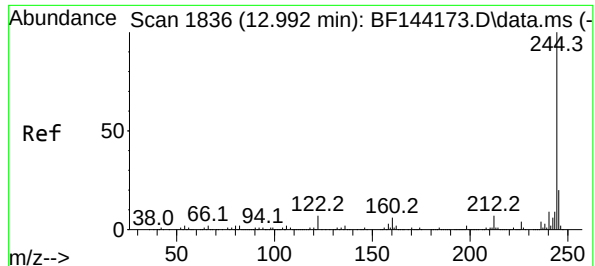
Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

203 17.6 13.7 20.5





#79

Terphenyl-d14

Concen: 96.499 ng

RT: 12.986 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:244 Resp: 719166

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

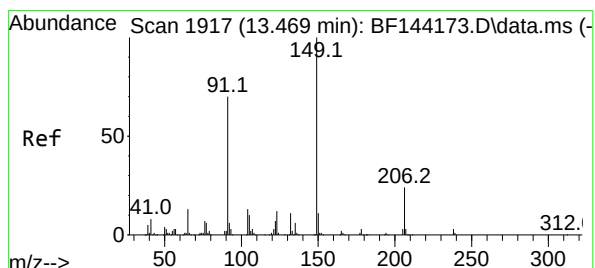
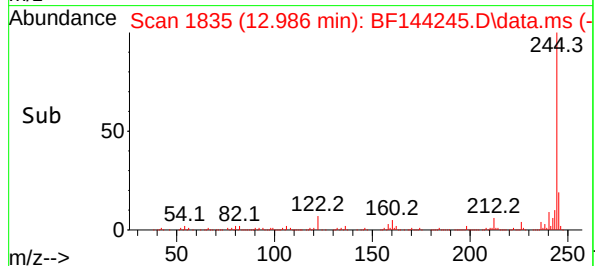
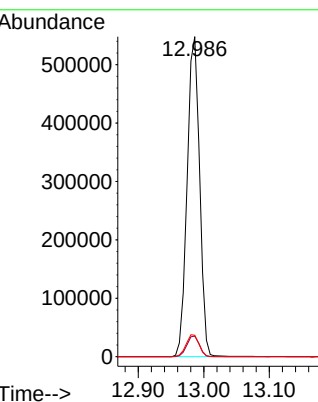
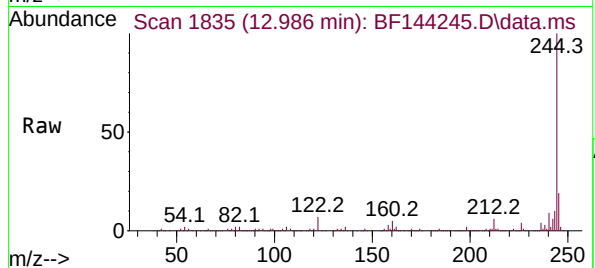
122 6.7 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#80

Butylbenzylphthalate

Concen: 44.669 ng

RT: 13.457 min Scan# 1915

Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

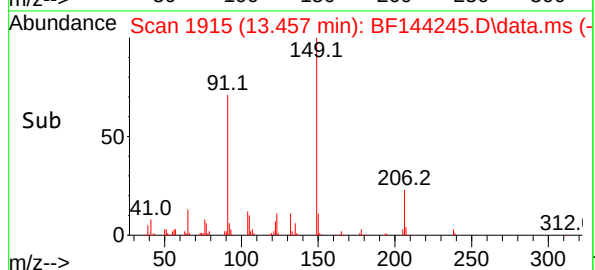
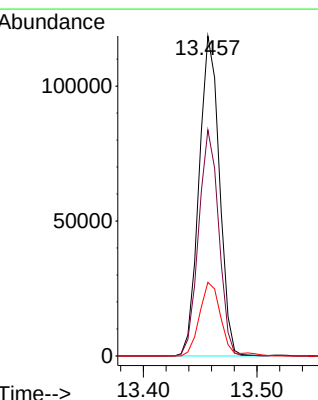
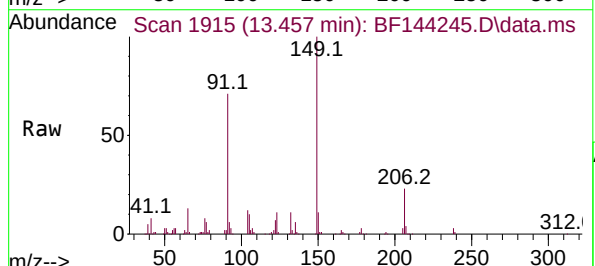
Tgt Ion:149 Resp: 147769

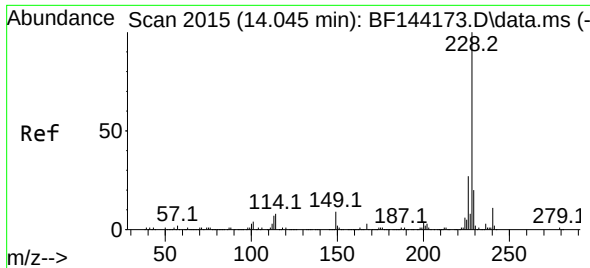
Ion Ratio Lower Upper

149 100

91 70.6 56.1 84.1

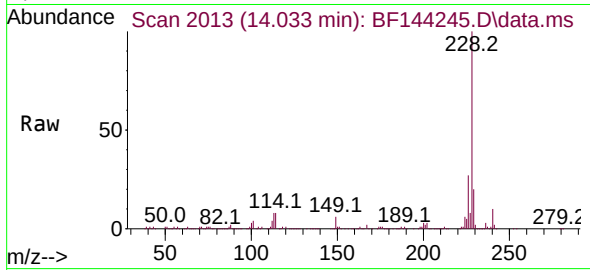
206 23.0 18.8 28.2





#81
Benzo(a)anthracene
Concen: 45.151 ng
RT: 14.033 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

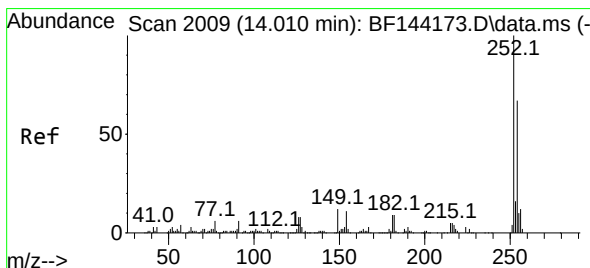
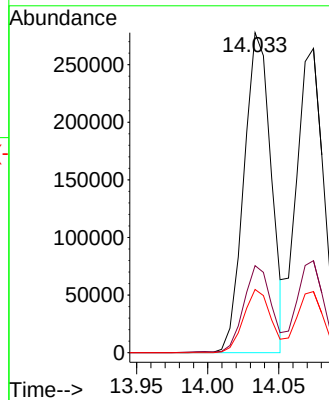
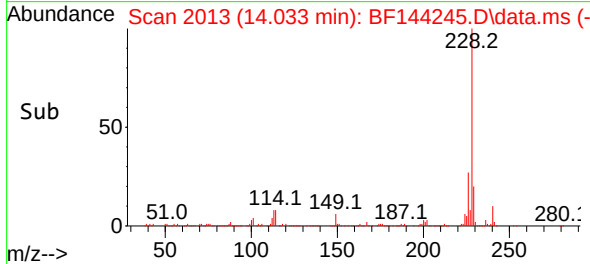
Instrument :
BNA_F
ClientSampleId :
PB170473BS



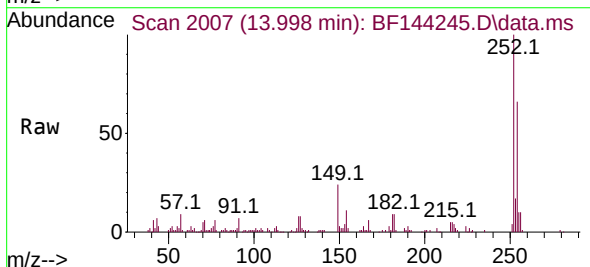
Tgt Ion:228 Resp: 370438
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations
APPROVED

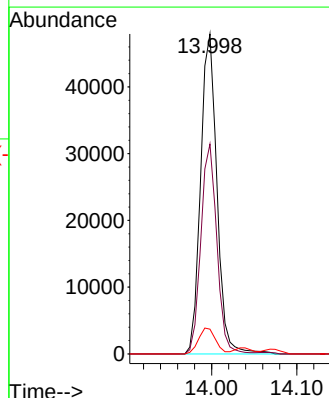
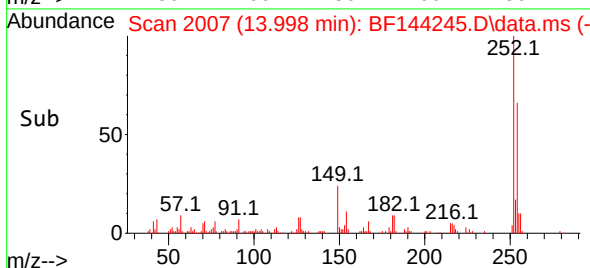
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

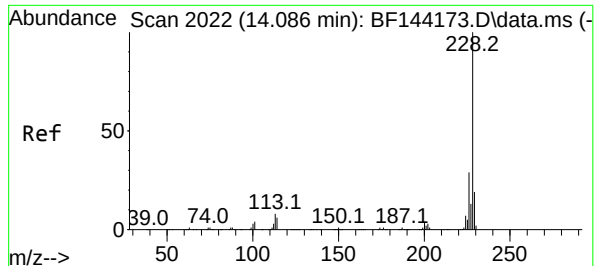


#82
3,3'-Dichlorobenzidine
Concen: 22.710 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55



Tgt Ion:252 Resp: 63866
Ion Ratio Lower Upper
252 100
254 65.6 53.5 80.3
126 7.7 6.4 9.6





#83

Chrysene

Concen: 46.470 ng

RT: 14.074 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:228 Resp: 351949

Ion Ratio Lower Upper

228 100

226 30.2 22.9 34.3

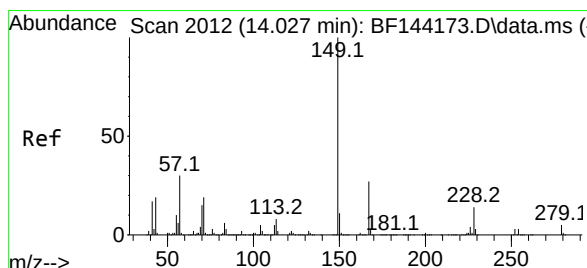
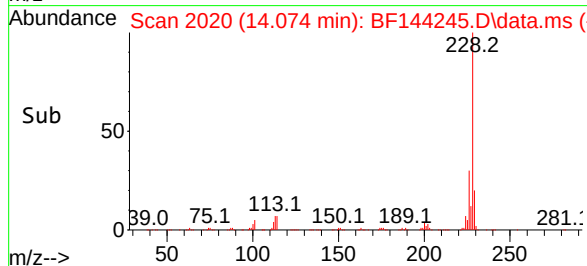
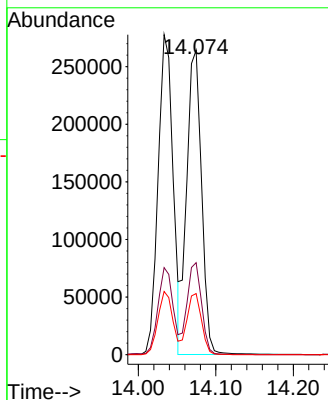
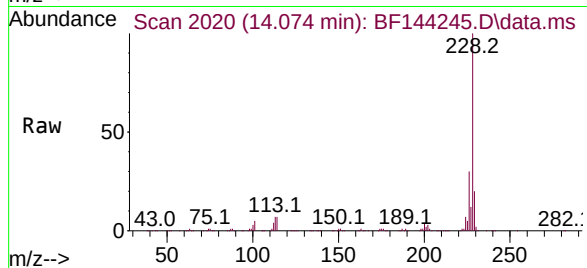
229 20.0 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.545 ng

RT: 14.016 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

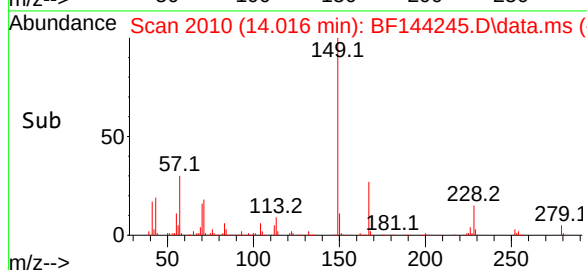
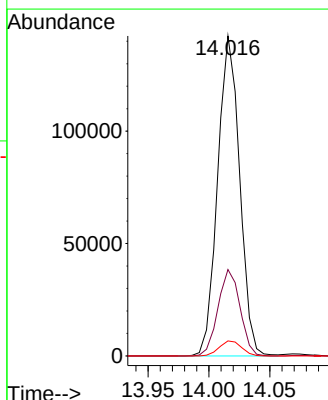
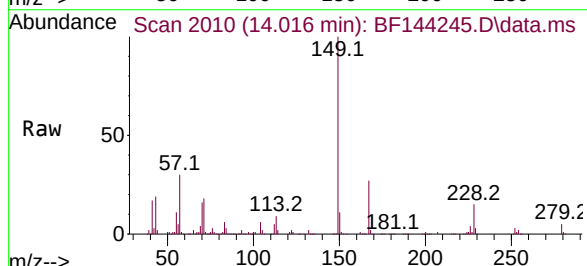
Tgt Ion:149 Resp: 179079

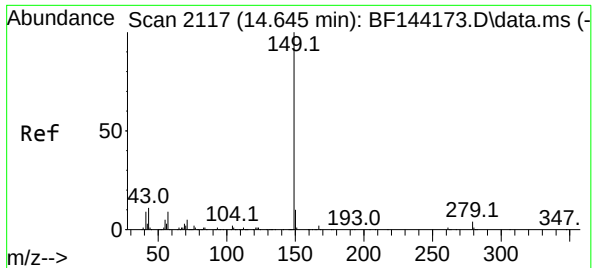
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.8

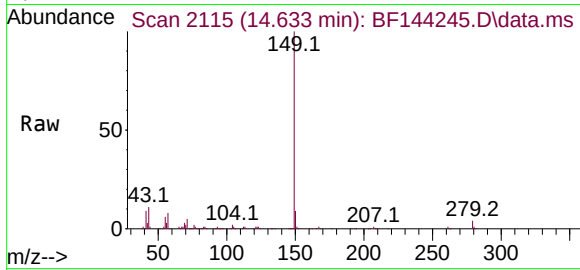
279 4.7 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 41.231 ng
RT: 14.633 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

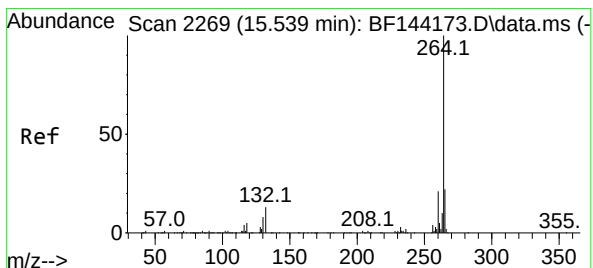
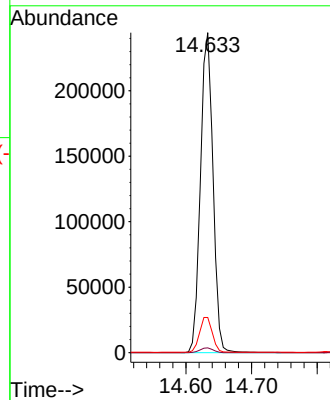
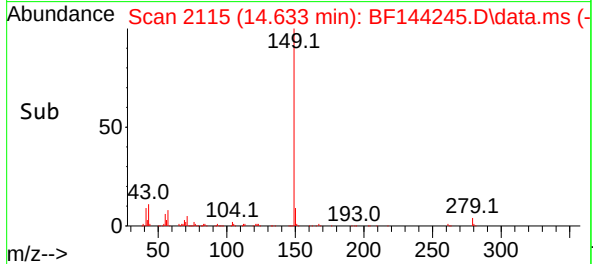
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:149 Resp: 322146
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.1 9.0 13.4

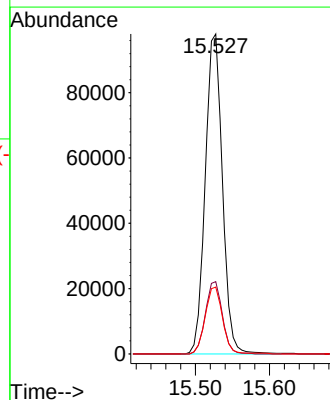
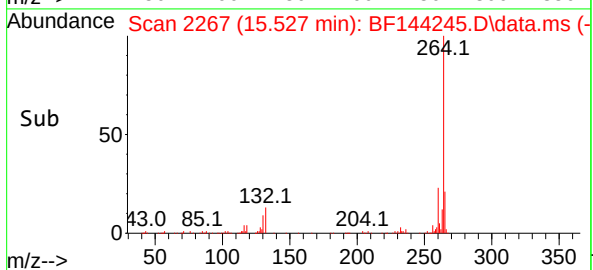
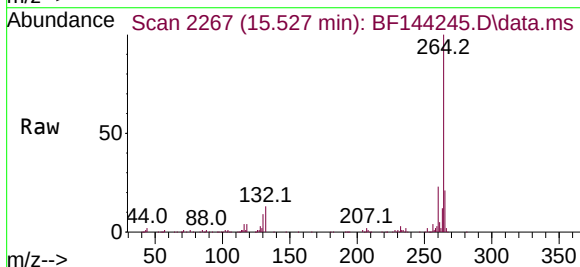
Manual Integrations
APPROVED

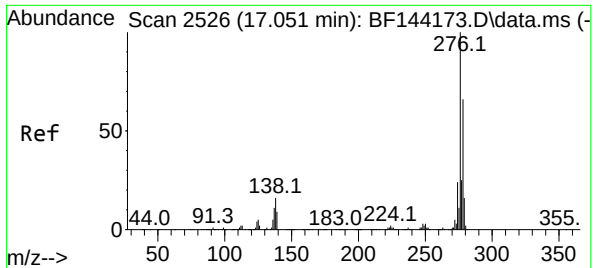
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:264 Resp: 157737
Ion Ratio Lower Upper
264 100
260 22.6 17.1 25.7
265 20.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.893 ng

RT: 17.027 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:276 Resp: 519646

Ion Ratio Lower Upper

276 100

138 17.2 13.9 20.9

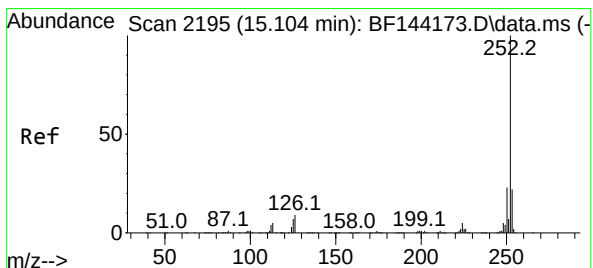
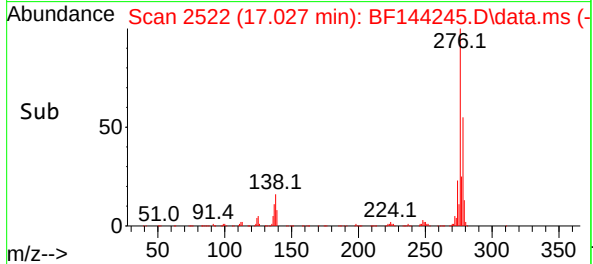
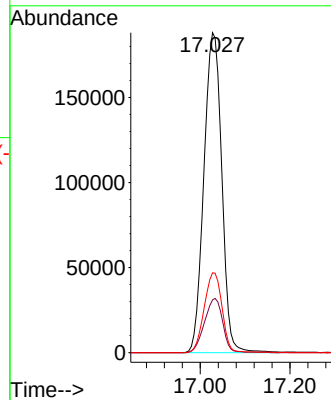
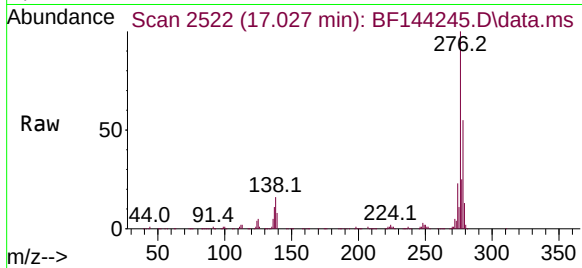
277 24.9 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#88

Benzo(b)fluoranthene

Concen: 41.463 ng

RT: 15.092 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

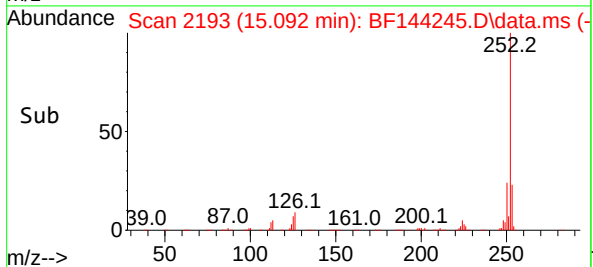
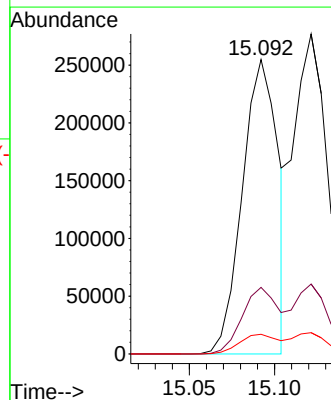
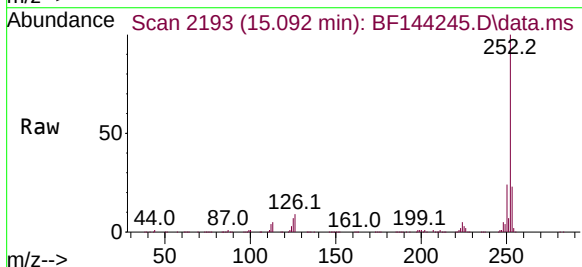
Tgt Ion:252 Resp: 371823

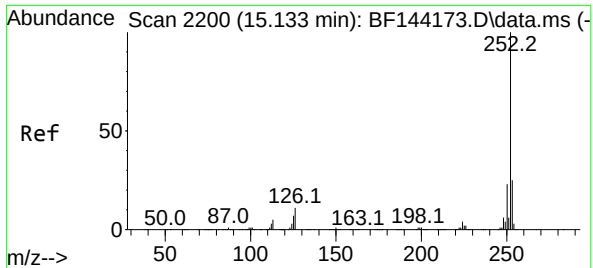
Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

125 6.7 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 46.092 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB170473BS

Tgt Ion:252 Resp: 386885

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

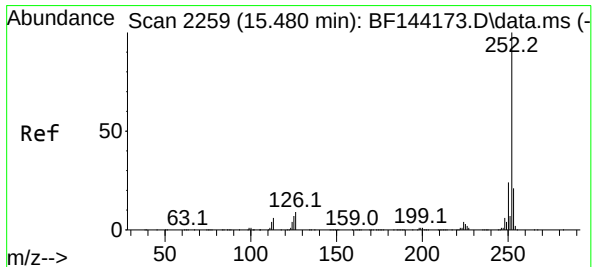
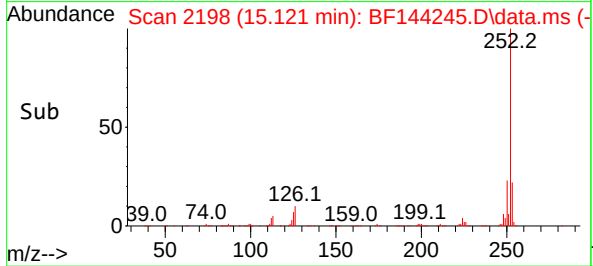
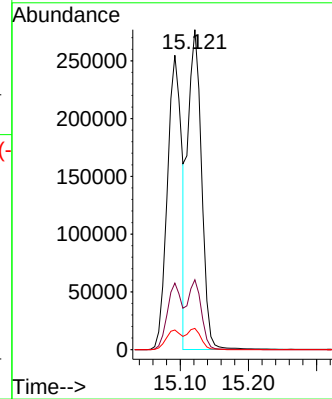
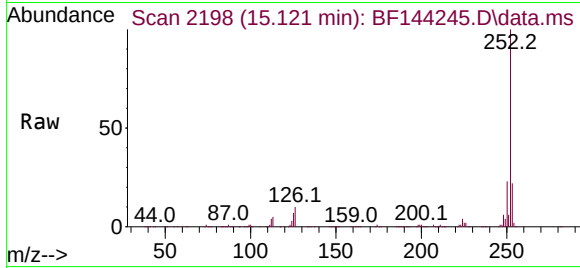
125 6.6 5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#90

Benzo(a)pyrene

Concen: 46.700 ng

RT: 15.463 min Scan# 2256

Delta R.T. -0.012 min

Lab File: BF144245.D

Acq: 13 Nov 2025 15:55

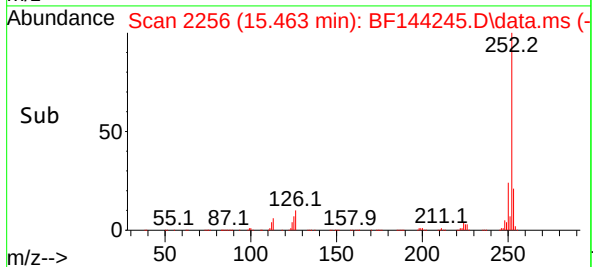
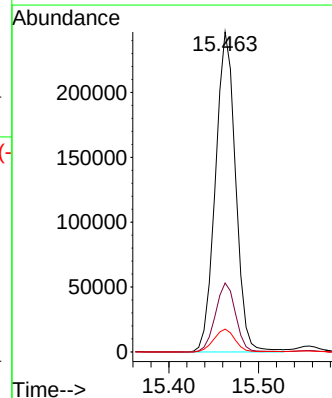
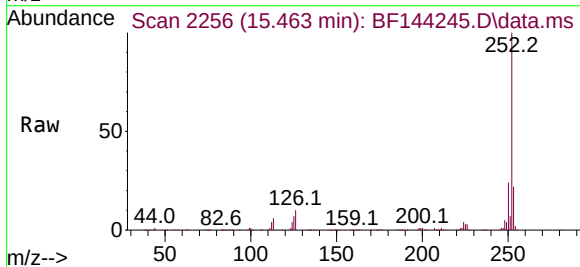
Tgt Ion:252 Resp: 386349

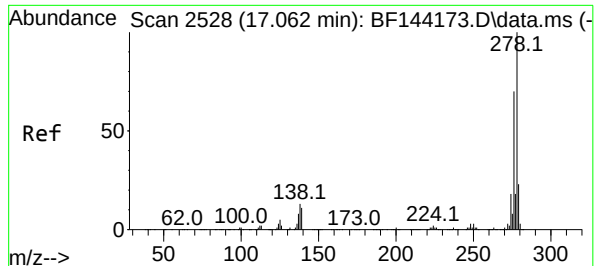
Ion Ratio Lower Upper

252 100

253 21.5 16.7 25.1

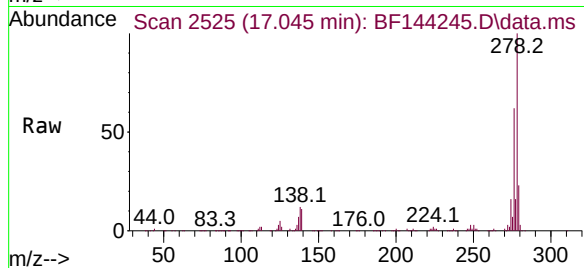
125 7.1 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 45.746 ng
RT: 17.045 min Scan# 2525
Delta R.T. -0.006 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

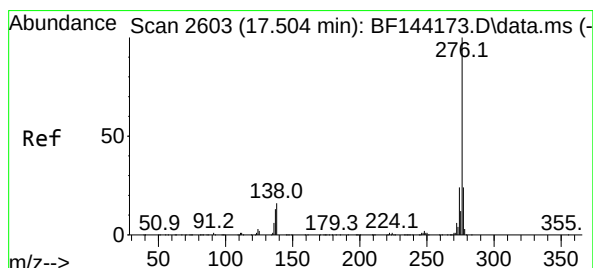
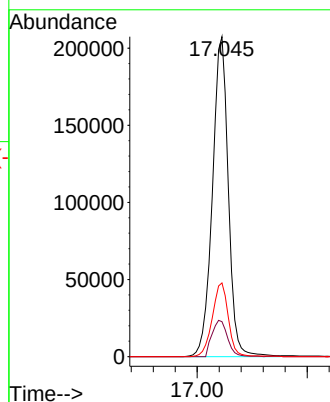
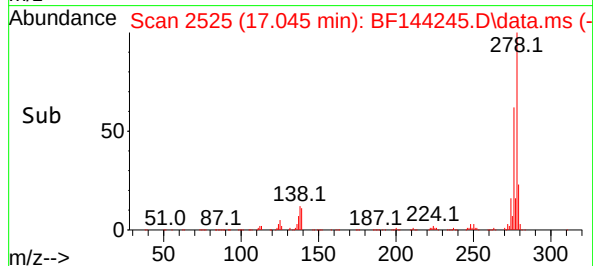
Instrument :
BNA_F
ClientSampleId :
PB170473BS



Tgt Ion:278 Resp: 415994
Ion Ratio Lower Upper
278 100
139 10.9 9.1 13.7
279 23.0 18.2 27.4

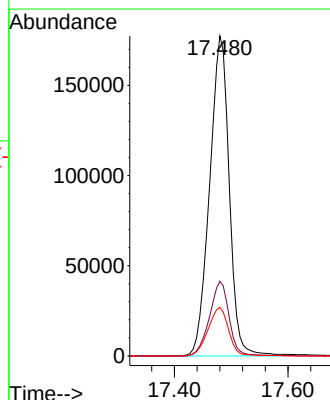
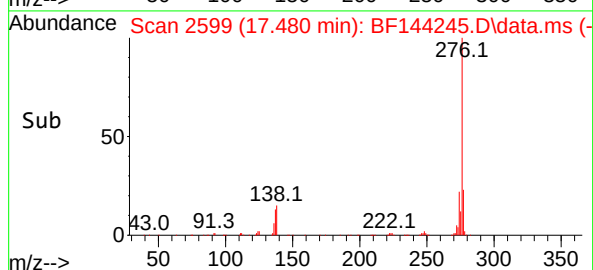
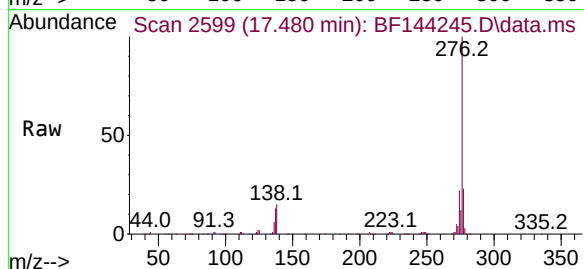
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#92
Benzo(g,h,i)perylene
Concen: 47.414 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF144245.D
Acq: 13 Nov 2025 15:55

Tgt Ion:276 Resp: 425782
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.4
138 15.1 12.9 19.3



Report of Analysis

Client: Remington & Vernick Engineers	Date Collected:
Project: Edison Landfill	Date Received:
Client Sample ID: PB170473BSD	SDG No.: Q3584
Lab Sample ID: PB170473BSD	Matrix: Water
Analytical Method: 8270E	% Solid: 0
Sample Wt/Vol: 1000 mL	Test: SVOC-TCL BNA -20
Prep Method : 3510C	
Level: LOW	
Final Vol: 1000 uL	
Prep Date: 11/10/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	40.9		1	3.90	10.0	ug/L	11/13/25 16:24	PB170473
108-95-2	Phenol	43.1		1	0.91	5.00	ug/L	11/13/25 16:24	PB170473
111-44-4	bis(2-Chloroethyl)ether	44.9		1	0.81	5.00	ug/L	11/13/25 16:24	PB170473
95-57-8	2-Chlorophenol	45.0		1	0.58	5.00	ug/L	11/13/25 16:24	PB170473
95-48-7	2-Methylphenol	45.6		1	1.10	5.00	ug/L	11/13/25 16:24	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	45.5		1	1.30	5.00	ug/L	11/13/25 16:24	PB170473
98-86-2	Acetophenone	42.1		1	0.74	5.00	ug/L	11/13/25 16:24	PB170473
65794-96-9	3+4-Methylphenols	44.3		1	1.10	10.0	ug/L	11/13/25 16:24	PB170473
621-64-7	n-Nitroso-di-n-propylamine	45.7		1	1.40	2.50	ug/L	11/13/25 16:24	PB170473
67-72-1	Hexachloroethane	43.8		1	0.65	5.00	ug/L	11/13/25 16:24	PB170473
98-95-3	Nitrobenzene	42.3		1	0.76	5.00	ug/L	11/13/25 16:24	PB170473
78-59-1	Isophorone	43.7		1	0.75	5.00	ug/L	11/13/25 16:24	PB170473
88-75-5	2-Nitrophenol	44.0		1	1.80	5.00	ug/L	11/13/25 16:24	PB170473
105-67-9	2,4-Dimethylphenol	46.1		1	1.90	5.00	ug/L	11/13/25 16:24	PB170473
111-91-1	bis(2-Chloroethoxy)methane	42.5		1	0.68	5.00	ug/L	11/13/25 16:24	PB170473
120-83-2	2,4-Dichlorophenol	41.3		1	0.52	5.00	ug/L	11/13/25 16:24	PB170473
91-20-3	Naphthalene	41.1		1	0.50	5.00	ug/L	11/13/25 16:24	PB170473
106-47-8	4-Chloroaniline	16.7		1	0.84	5.00	ug/L	11/13/25 16:24	PB170473
87-68-3	Hexachlorobutadiene	40.4		1	0.54	5.00	ug/L	11/13/25 16:24	PB170473
105-60-2	Caprolactam	47.4		1	1.10	10.0	ug/L	11/13/25 16:24	PB170473
59-50-7	4-Chloro-3-methylphenol	43.5		1	0.59	5.00	ug/L	11/13/25 16:24	PB170473
91-57-6	2-Methylnaphthalene	38.8		1	0.56	5.00	ug/L	11/13/25 16:24	PB170473
77-47-4	Hexachlorocyclopentadiene	100	E	1	3.60	10.0	ug/L	11/13/25 16:24	PB170473
88-06-2	2,4,6-Trichlorophenol	41.0		1	0.51	5.00	ug/L	11/13/25 16:24	PB170473
95-95-4	2,4,5-Trichlorophenol	41.5		1	0.62	5.00	ug/L	11/13/25 16:24	PB170473
92-52-4	1,1-Biphenyl	42.2		1	0.53	5.00	ug/L	11/13/25 16:24	PB170473
91-58-7	2-Chloronaphthalene	42.0		1	0.61	5.00	ug/L	11/13/25 16:24	PB170473
88-74-4	2-Nitroaniline	46.6		1	1.30	5.00	ug/L	11/13/25 16:24	PB170473
131-11-3	Dimethylphthalate	44.6		1	0.61	5.00	ug/L	11/13/25 16:24	PB170473
208-96-8	Acenaphthylene	47.0		1	0.75	5.00	ug/L	11/13/25 16:24	PB170473
606-20-2	2,6-Dinitrotoluene	47.4		1	0.92	5.00	ug/L	11/13/25 16:24	PB170473
99-09-2	3-Nitroaniline	25.2		1	1.10	5.00	ug/L	11/13/25 16:24	PB170473
83-32-9	Acenaphthene	38.2		1	0.55	5.00	ug/L	11/13/25 16:24	PB170473
51-28-5	2,4-Dinitrophenol	88.7	E	1	6.00	10.0	ug/L	11/13/25 16:24	PB170473
100-02-7	4-Nitrophenol	80.9	E	1	2.40	10.0	ug/L	11/13/25 16:24	PB170473
132-64-9	Dibenzofuran	41.7		1	0.61	5.00	ug/L	11/13/25 16:24	PB170473
121-14-2	2,4-Dinitrotoluene	46.7		1	1.20	5.00	ug/L	11/13/25 16:24	PB170473
84-66-2	Diethylphthalate	44.1		1	0.69	5.00	ug/L	11/13/25 16:24	PB170473
7005-72-3	4-Chlorophenyl-phenylether	41.6		1	0.68	5.00	ug/L	11/13/25 16:24	PB170473
86-73-7	Fluorene	42.6		1	0.63	5.00	ug/L	11/13/25 16:24	PB170473
100-01-6	4-Nitroaniline	44.1		1	1.50	5.00	ug/L	11/13/25 16:24	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	44.4		1	2.90	10.0	ug/L	11/13/25 16:24	PB170473

Report of Analysis

Client: Remington & Vernick Engineers	Date Collected:	
Project: Edison Landfill	Date Received:	
Client Sample ID: PB170473BSD	SDG No.:	Q3584
Lab Sample ID: PB170473BSD	Matrix:	Water
Analytical Method: 8270E	% Solid:	0
Sample Wt/Vol: 1000 mL	Test:	SVOC-TCL BNA -20
Prep Method : 3510C	Level: LOW	
	Final Vol: 1000 uL	
	Prep Date: 11/10/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	44.2		1	0.58	5.00	ug/L	11/13/25 16:24	PB170473
101-55-3	4-Bromophenyl-phenylether	41.9		1	0.40	5.00	ug/L	11/13/25 16:24	PB170473
118-74-1	Hexachlorobenzene	44.2		1	0.52	5.00	ug/L	11/13/25 16:24	PB170473
1912-24-9	Atrazine	45.0		1	1.00	5.00	ug/L	11/13/25 16:24	PB170473
87-86-5	Pentachlorophenol	81.1	E	1	1.60	10.0	ug/L	11/13/25 16:24	PB170473
85-01-8	Phenanthrene	43.1		1	0.50	5.00	ug/L	11/13/25 16:24	PB170473
120-12-7	Anthracene	43.5		1	0.61	5.00	ug/L	11/13/25 16:24	PB170473
86-74-8	Carbazole	43.0		1	0.72	5.00	ug/L	11/13/25 16:24	PB170473
84-74-2	Di-n-butylphthalate	41.0		1	1.20	5.00	ug/L	11/13/25 16:24	PB170473
206-44-0	Fluoranthene	40.8		1	0.82	5.00	ug/L	11/13/25 16:24	PB170473
129-00-0	Pyrene	49.4		1	0.50	5.00	ug/L	11/13/25 16:24	PB170473
85-68-7	Butylbenzylphthalate	43.9		1	1.90	5.00	ug/L	11/13/25 16:24	PB170473
91-94-1	3,3-Dichlorobenzidine	22.5		1	0.93	10.0	ug/L	11/13/25 16:24	PB170473
56-55-3	Benzo(a)anthracene	44.5		1	0.45	5.00	ug/L	11/13/25 16:24	PB170473
218-01-9	Chrysene	45.7		1	0.44	5.00	ug/L	11/13/25 16:24	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	38.5		1	1.60	5.00	ug/L	11/13/25 16:24	PB170473
117-84-0	Di-n-octyl phthalate	41.0		1	2.30	10.0	ug/L	11/13/25 16:24	PB170473
205-99-2	Benzo(b)fluoranthene	42.6		1	0.49	5.00	ug/L	11/13/25 16:24	PB170473
207-08-9	Benzo(k)fluoranthene	45.0		1	0.48	5.00	ug/L	11/13/25 16:24	PB170473
50-32-8	Benzo(a)pyrene	47.1		1	0.55	5.00	ug/L	11/13/25 16:24	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	45.7		1	0.59	5.00	ug/L	11/13/25 16:24	PB170473
53-70-3	Dibenzo(a,h)anthracene	45.9		1	0.67	5.00	ug/L	11/13/25 16:24	PB170473
191-24-2	Benzo(g,h,i)perylene	46.6		1	0.69	5.00	ug/L	11/13/25 16:24	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	40.9		1	0.52	5.00	ug/L	11/13/25 16:24	PB170473
123-91-1	1,4-Dioxane	39.5		1	1.00	5.00	ug/L	11/13/25 16:24	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	46.2		1	0.72	5.00	ug/L	11/13/25 16:24	PB170473

SURROGATES

367-12-4	2-Fluorophenol	121		15 (10) - 110 (134)	81%	SPK: 150
13127-88-3	Phenol-d6	122		15 (10) - 110 (135)	81%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.0		30 (39) - 130 (138)	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.5		30 (52) - 130 (132)	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	124		15 (44) - 110 (137)	83%	SPK: 150
1718-51-0	Terphenyl-d14	94.1		30 (42) - 130 (152)	94%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	58800
1146-65-2	Naphthalene-d8	242000
15067-26-2	Acenaphthene-d10	135000
1517-22-2	Phenanthrene-d10	233000
1719-03-5	Chrysene-d12	118000
1520-96-3	Perylene-d12	155000



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Edison Landfill		Date Received:	
Client Sample ID:	PB170473BSD		SDG No.:	Q3584
Lab Sample ID:	PB170473BSD		Matrix:	Water
Analytical Method:	8270E	Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144246.D
 Acq On : 13 Nov 2025 16:24
 Operator : RC/JU
 Sample : PB170473BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170473BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 13 16:47:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	58832	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	241570	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	135120	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	232588	20.000	ng	0.00
76) Chrysene-d12	14.045	240	118249	20.000	ng	0.00
86) Perylene-d12	15.521	264	155276	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	455253	121.093	ng	0.00
7) Phenol-d6	6.498	99	518984	121.831	ng	0.00
23) Nitrobenzene-d5	7.434	82	342926	81.987	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	210542	124.170	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	718260	78.510	ng	0.00
79) Terphenyl-d14	12.986	244	700771	94.133	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	61363	39.479	ng	99
3) Pyridine	3.463	79	173054	39.908	ng	99
4) n-Nitrosodimethylamine	3.410	42	110714	48.879	ng	94
6) Aniline	6.534	93	200047	32.961	ng	99
8) 2-Chlorophenol	6.651	128	165957	45.012	ng	98
9) Benzaldehyde	6.422	77	98326	40.876	ng	99
10) Phenol	6.516	94	224574	43.149	ng	90
11) bis(2-Chloroethyl)ether	6.604	93	170416	44.936	ng	97
12) 1,3-Dichlorobenzene	6.810	146	199178	43.780	ng	99
13) 1,4-Dichlorobenzene	6.887	146	204670	44.904	ng	99
14) 1,2-Dichlorobenzene	7.034	146	199288	45.617	ng	98
15) Benzyl Alcohol	7.010	79	160046	47.448	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	317923	45.523	ng	98
17) 2-Methylphenol	7.122	107	133795	45.616	ng	98
18) Hexachloroethane	7.375	117	66267	43.761	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	128277	45.743	ng	96
20) 3+4-Methylphenols	7.275	107	153078	44.273	ng	94
22) Acetophenone	7.275	105	218214	42.108	ng	# 92
24) Nitrobenzene	7.451	77	191943	42.265	ng	99
25) Isophorone	7.686	82	345984	43.731	ng	99
26) 2-Nitrophenol	7.763	139	99002	44.039	ng	95
27) 2,4-Dimethylphenol	7.804	122	155231	46.070	ng	94
28) bis(2-Chloroethoxy)met...	7.898	93	210138	42.534	ng	97
29) 2,4-Dichlorophenol	8.010	162	160319	41.281	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	170085	42.651	ng	97
31) Naphthalene	8.169	128	471894	41.066	ng	100
32) Benzoic acid	7.934	122	103430	41.876	ng	95
33) 4-Chloroaniline	8.222	127	70111	16.729	ng	99
34) Hexachlorobutadiene	8.286	225	121293	40.358	ng	97
35) Caprolactam	8.592	113	50453m	47.419	ng	
36) 4-Chloro-3-methylphenol	8.704	107	151236	43.453	ng	99
37) 2-Methylnaphthalene	8.863	142	297986	38.785	ng	99
38) 1-Methylnaphthalene	8.963	142	299912	40.456	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	181158	40.909	ng	# 98
41) Hexachlorocyclopentadiene	9.016	237	190222	100.084	ng	95
43) 2,4,6-Trichlorophenol	9.145	196	123600	41.009	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144246.D
 Acq On : 13 Nov 2025 16:24
 Operator : RC/JU
 Sample : PB170473BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170473BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 13 16:47:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	134698	41.466	ng	99
46) 1,1'-Biphenyl	9.328	154	397971	42.195	ng	98
47) 2-Chloronaphthalene	9.351	162	338120	42.026	ng	98
48) 2-Nitroaniline	9.451	65	108204	46.612	ng	99
49) Acenaphthylene	9.769	152	515625	47.030	ng	100
50) Dimethylphthalate	9.628	163	398788	44.550	ng	100
51) 2,6-Dinitrotoluene	9.692	165	85929	47.421	ng	99
52) Acenaphthene	9.939	154	279860	38.172	ng	99
53) 3-Nitroaniline	9.863	138	49936	25.209	ng	99
54) 2,4-Dinitrophenol	9.975	184	97089	88.729	ng	96
55) Dibenzofuran	10.116	168	428345	41.716	ng	99
56) 4-Nitrophenol	10.033	139	115883	80.874	ng	97
57) 2,4-Dinitrotoluene	10.098	165	113163	46.650	ng	94
58) Fluorene	10.457	166	332939	42.646	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	106276	46.242	ng	97
60) Diethylphthalate	10.327	149	364140	44.128	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	184953	41.590	ng	95
62) 4-Nitroaniline	10.480	138	83170	44.089	ng	97
63) Azobenzene	10.610	77	356045	46.361	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	70115	44.375	ng	96
66) n-Nitrosodiphenylamine	10.569	169	330545	44.187	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	124320	41.876	ng	96
68) Hexachlorobenzene	11.004	284	154570	44.203	ng	99
69) Atrazine	11.092	200	107065	45.004	ng	99
70) Pentachlorophenol	11.204	266	141293	81.143	ng	97
71) Phenanthrene	11.422	178	499513	43.135	ng	100
72) Anthracene	11.474	178	511664	43.453	ng	100
73) Carbazole	11.627	167	430878	43.033	ng	99
74) Di-n-butylphthalate	11.957	149	496536	41.021	ng	100
75) Fluoranthene	12.616	202	487529	40.755	ng	100
77) Benzidine	12.733	184	145434	41.580	ng	98
78) Pyrene	12.845	202	471436	49.446	ng	100
80) Butylbenzylphthalate	13.457	149	145023	43.887	ng	99
81) Benzo(a)anthracene	14.033	228	364470	44.472	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	63171	22.487	ng	96
83) Chrysene	14.068	228	345638	45.686	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	174072	38.481	ng	99
85) Di-n-octyl phthalate	14.627	149	319844	40.981	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	509733	45.731	ng	100
88) Benzo(b)fluoranthene	15.092	252	375877	42.579	ng	99
89) Benzo(k)fluoranthene	15.121	252	371832	45.001	ng	99
90) Benzo(a)pyrene	15.462	252	383834	47.131	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	410772	45.888	ng	99
92) Benzo(g,h,i)perylene	17.480	276	411997	46.606	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

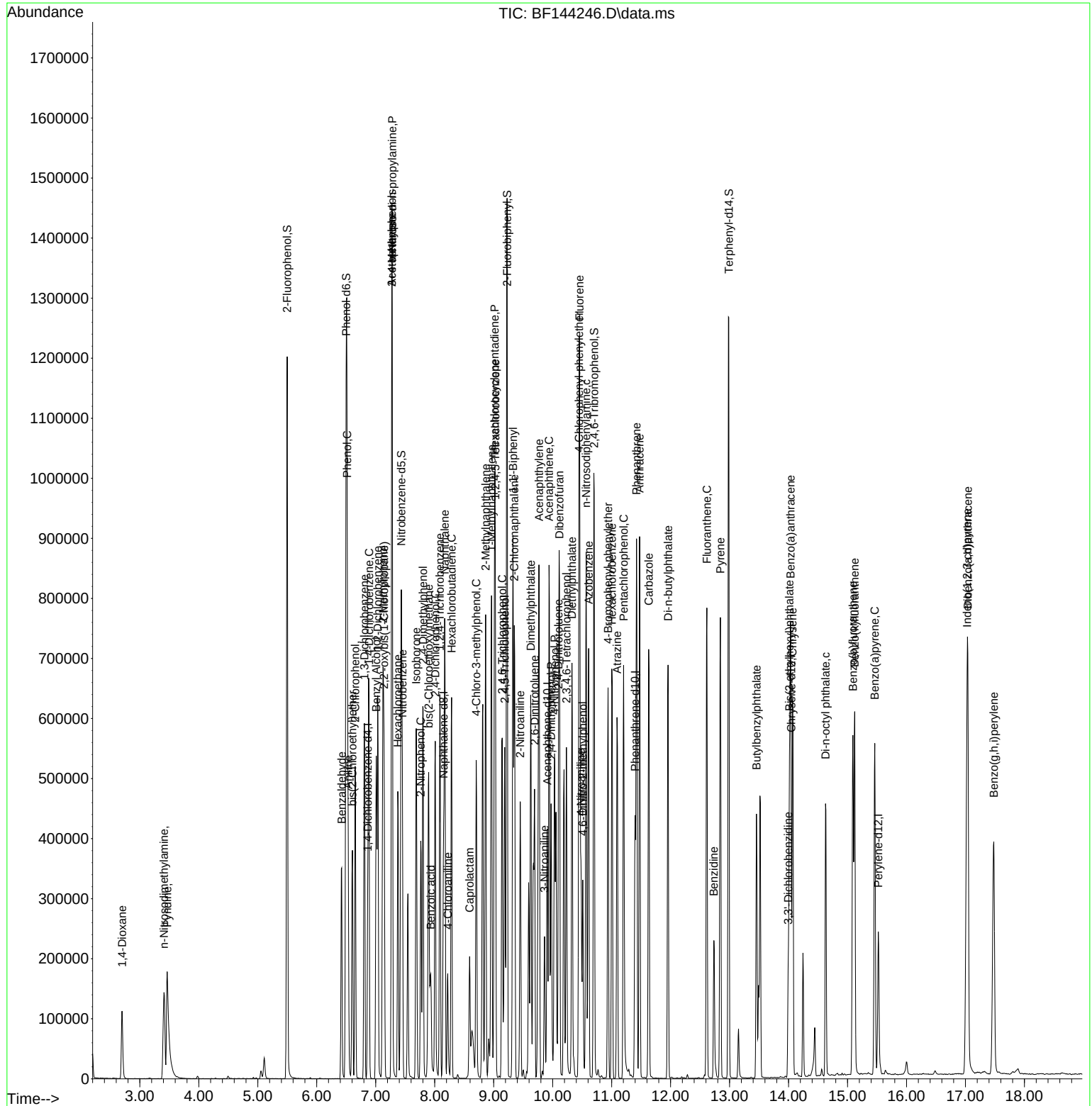
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\  
Data File : BF144246.D  
Acq On    : 13 Nov 2025  16:24  
Operator  : RC/JU  
Sample    : PB170473BSD  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
```

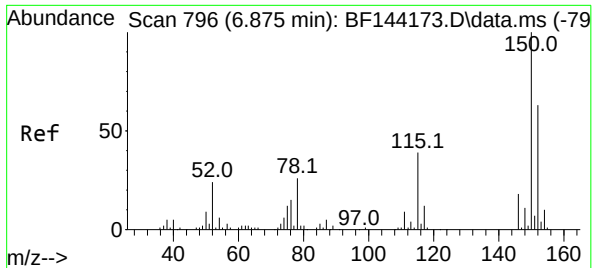
Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Manual Integrations

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

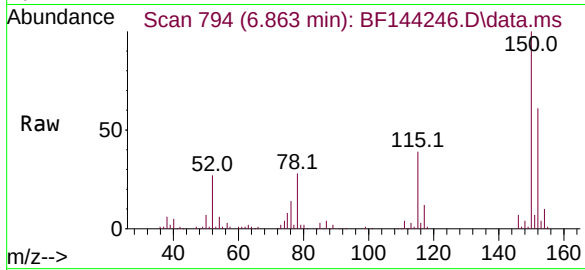
Quant Time: Nov 13 16:47:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

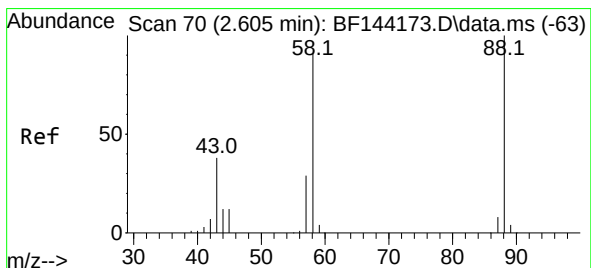
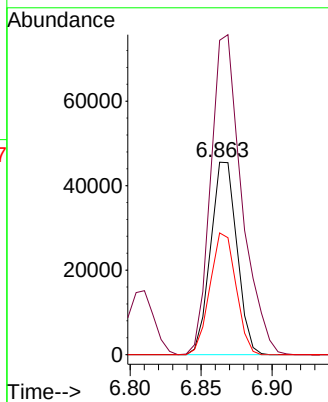
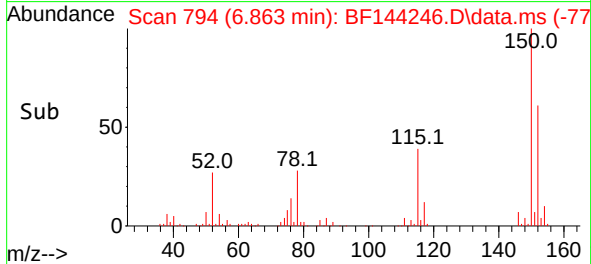
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:152 Resp: 58832
Ion Ratio Lower Upper
152 100
150 163.4 127.4 191.0
115 63.2 49.5 74.3

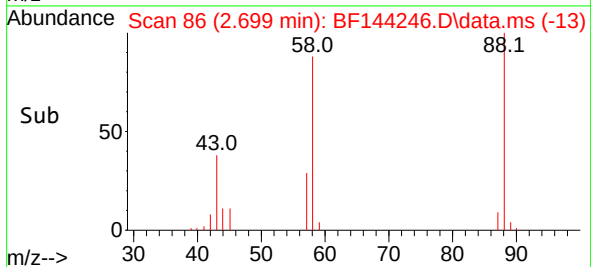
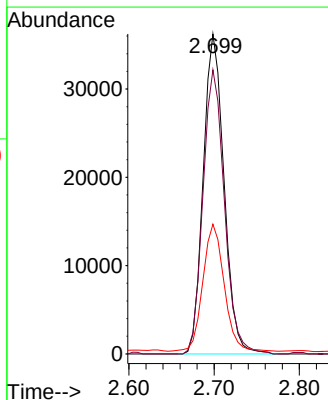
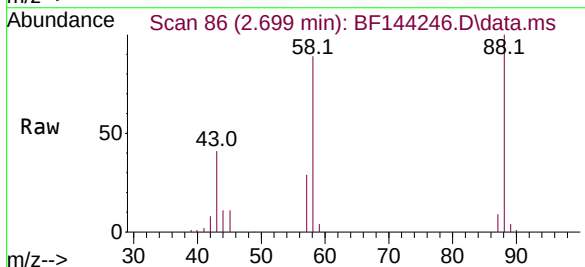
Manual Integrations
APPROVED

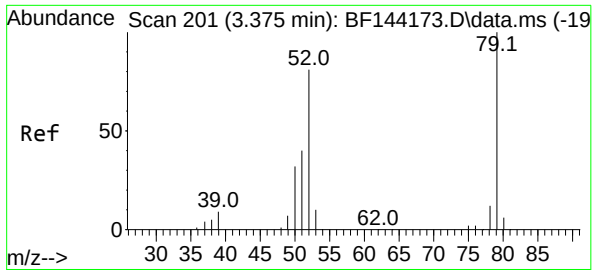
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#2
1,4-Dioxane
Concen: 39.479 ng
RT: 2.699 min Scan# 86
Delta R.T. 0.082 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

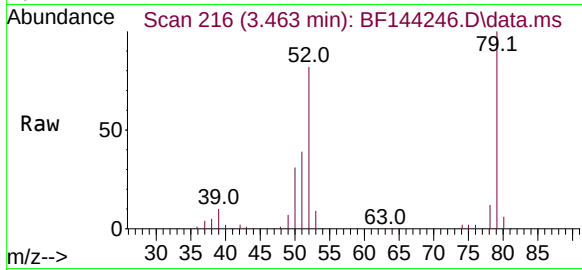
Tgt Ion: 88 Resp: 61363
Ion Ratio Lower Upper
88 100
58 91.6 73.1 109.7
43 40.6 31.0 46.6





#3
Pyridine
Concen: 39.908 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

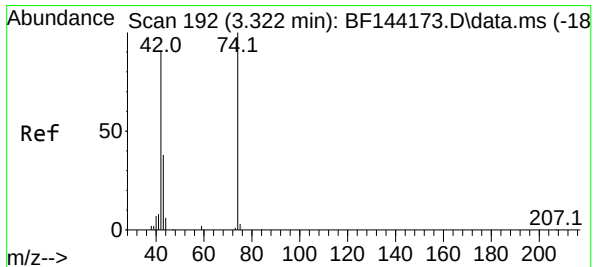
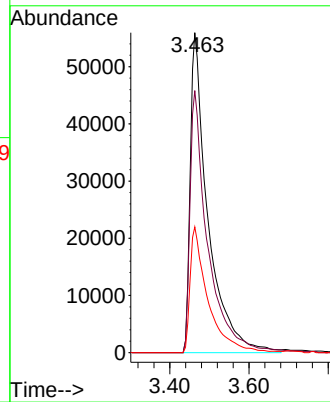
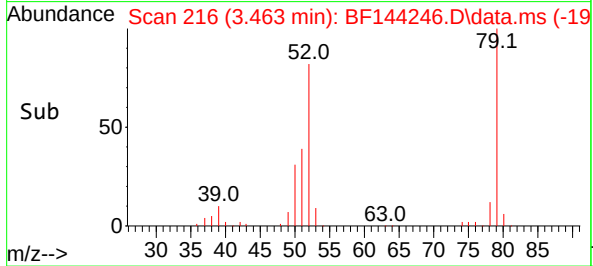
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



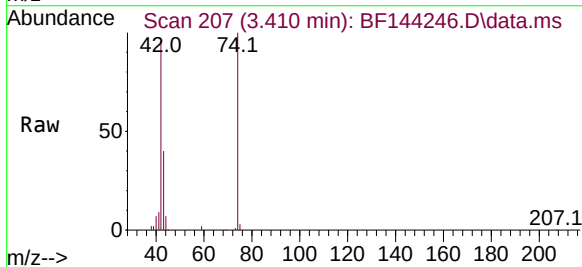
Tgt Ion: 79 Resp: 173054
Ion Ratio Lower Upper
79 100
52 81.9 64.5 96.7
51 39.3 31.7 47.5

Manual Integrations
APPROVED

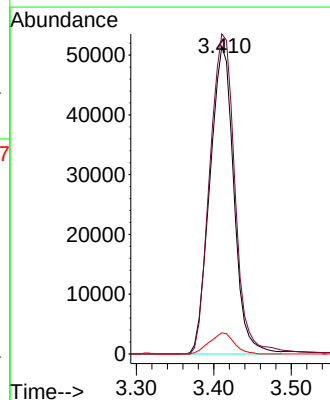
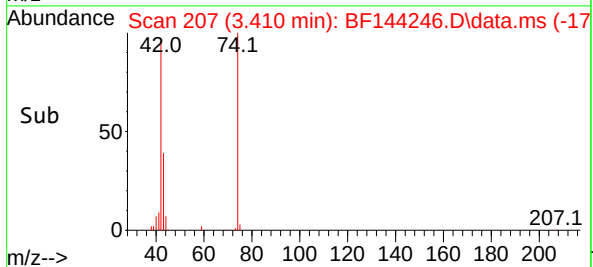
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

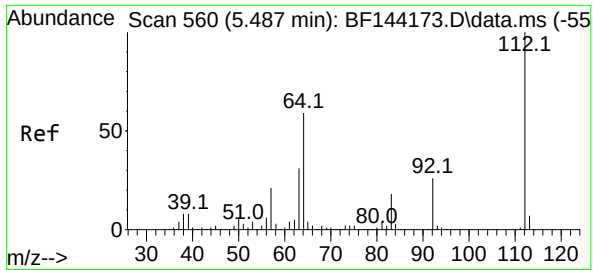


#4
n-Nitrosodimethylamine
Concen: 48.879 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.065 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



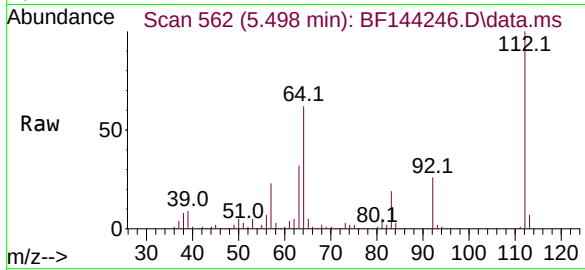
Tgt Ion: 42 Resp: 110714
Ion Ratio Lower Upper
42 100
74 104.1 88.2 132.4
44 6.8 5.7 8.5





#5
2-Fluorophenol
Concen: 121.093 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

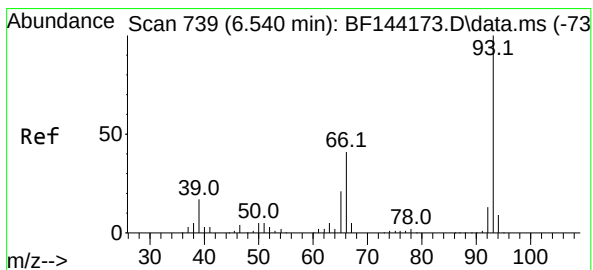
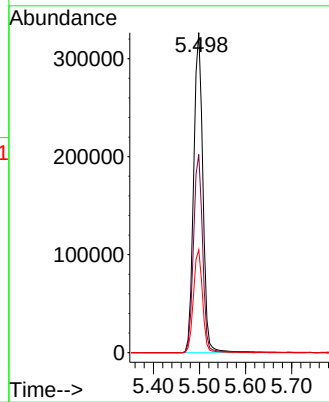
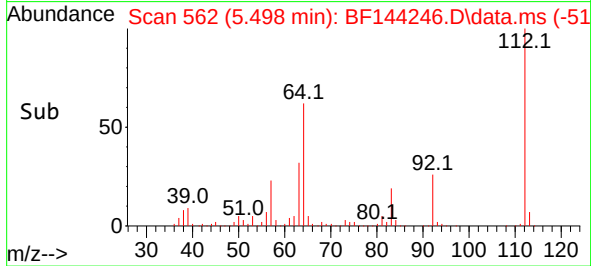
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:112 Resp: 455253
Ion Ratio Lower Upper
112 100
64 61.9 47.2 70.8
63 32.1 24.4 36.6

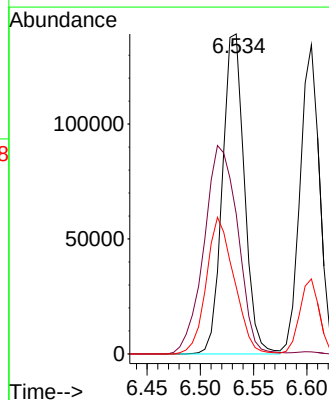
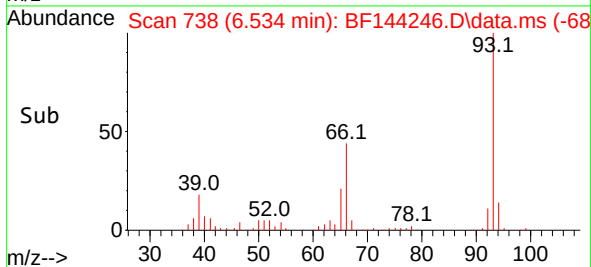
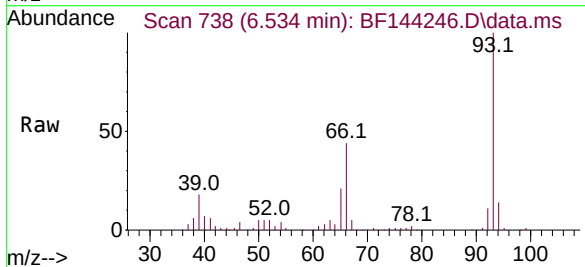
Manual Integrations
APPROVED

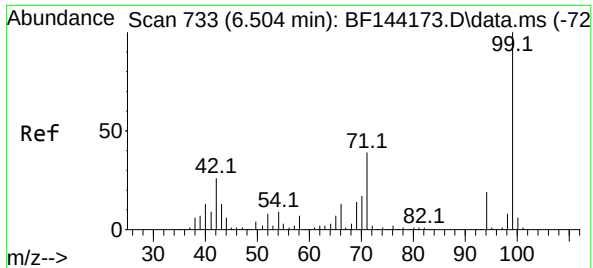
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#6
Aniline
Concen: 32.961 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

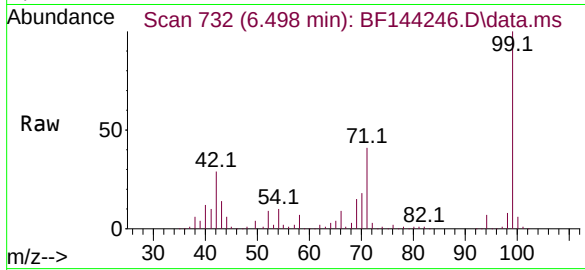
Tgt Ion: 93 Resp: 200047
Ion Ratio Lower Upper
93 100
66 43.8 34.3 51.5
65 21.0 16.9 25.3





#7
Phenol-d6
Concen: 121.831 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

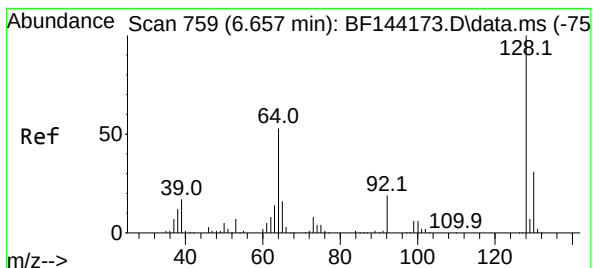
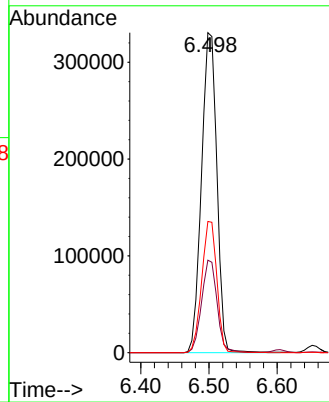
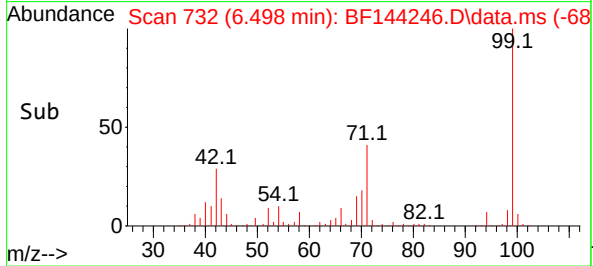
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



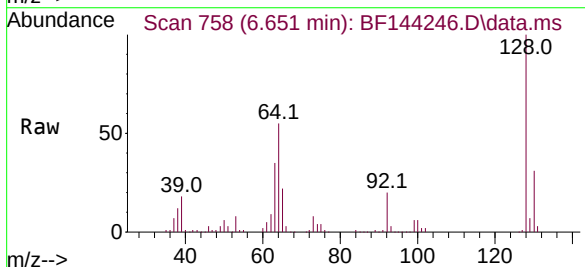
Tgt Ion: 99 Resp: 518984
Ion Ratio Lower Upper
99 100
42 28.9 20.9 31.3
71 41.0 31.4 47.2

Manual Integrations
APPROVED

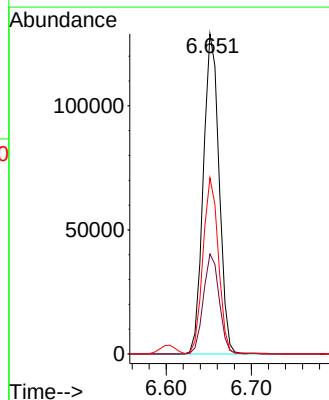
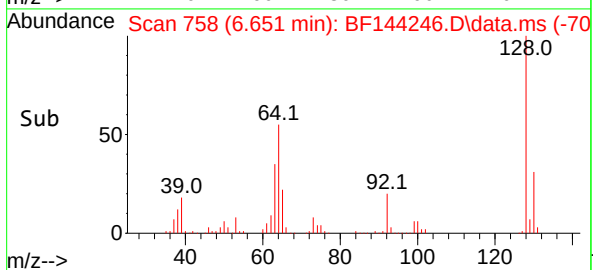
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

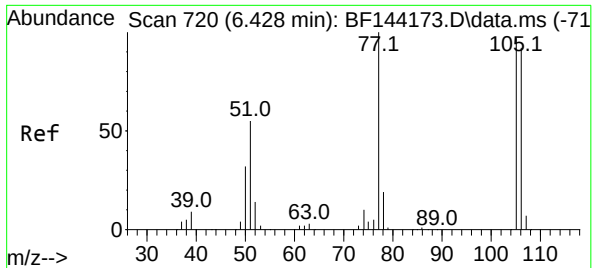


#8
2-Chlorophenol
Concen: 45.012 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



Tgt Ion:128 Resp: 165957
Ion Ratio Lower Upper
128 100
130 31.2 10.5 50.5
64 55.0 33.2 73.2





#9

Benzaldehyde

Concen: 40.876 ng

RT: 6.422 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion: 77 Resp: 98326

Ion Ratio Lower Upper

77 100

105 95.7 77.2 117.2

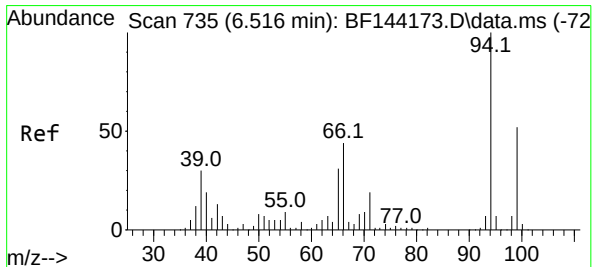
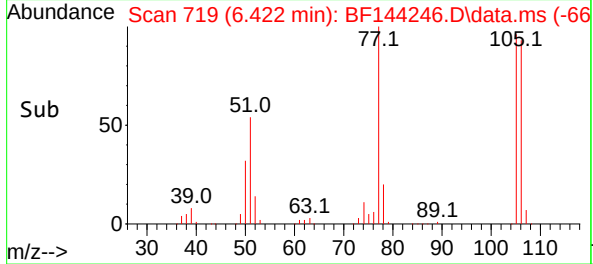
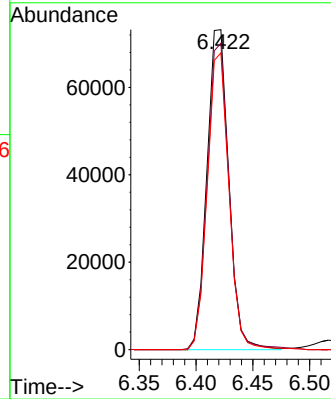
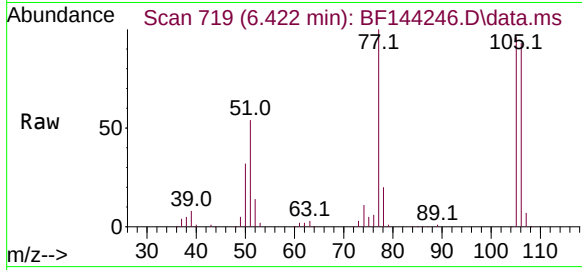
106 92.7 72.2 112.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#10

Phenol

Concen: 43.149 ng

RT: 6.516 min Scan# 735

Delta R.T. 0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

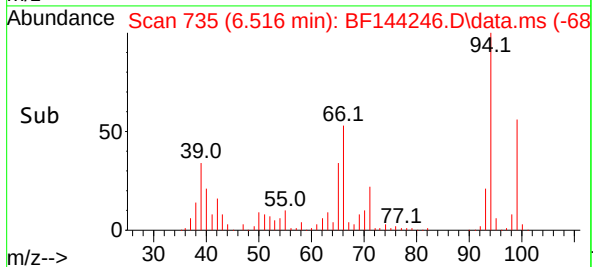
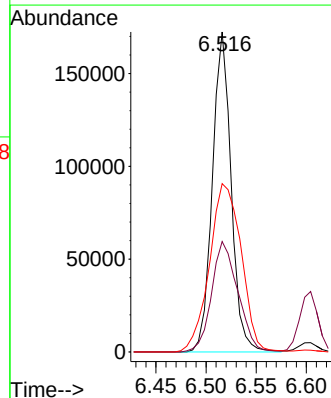
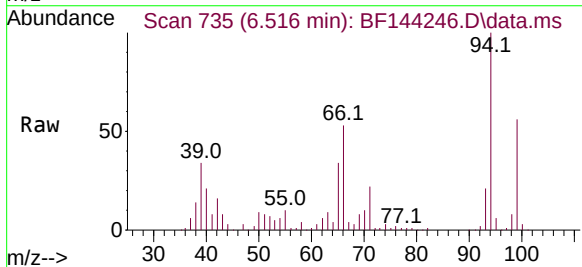
Tgt Ion: 94 Resp: 224574

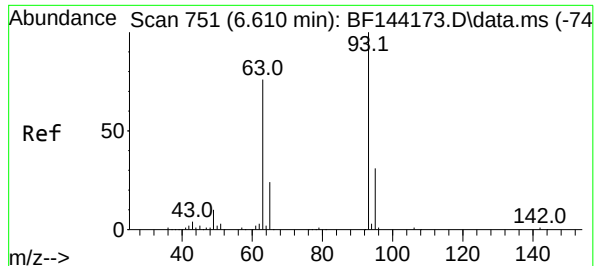
Ion Ratio Lower Upper

94 100

65 34.5 10.8 50.8

66 52.6 24.3 64.3





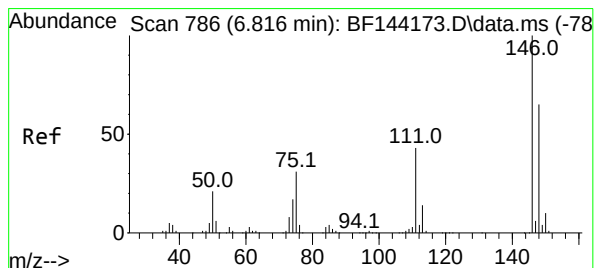
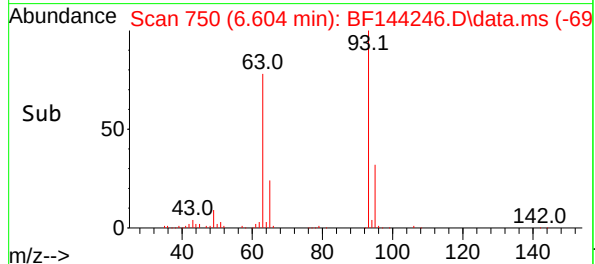
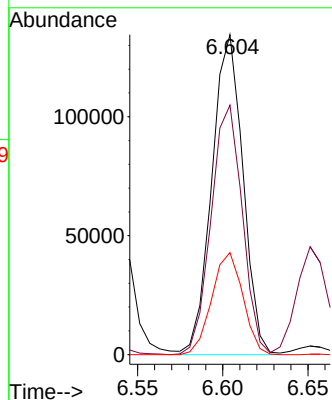
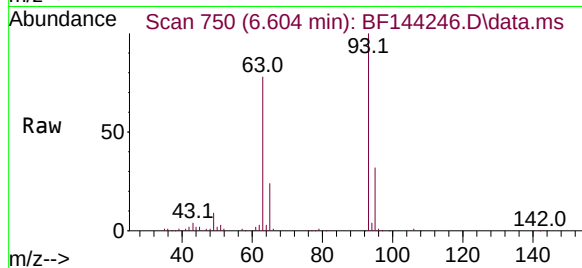
#11
bis(2-Chloroethyl)ether
Concen: 44.936 ng
RT: 6.604 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Tgt Ion: 93 Resp: 170416
Ion Ratio Lower Upper
93 100
63 78.0 55.2 95.2
95 31.9 11.2 51.2

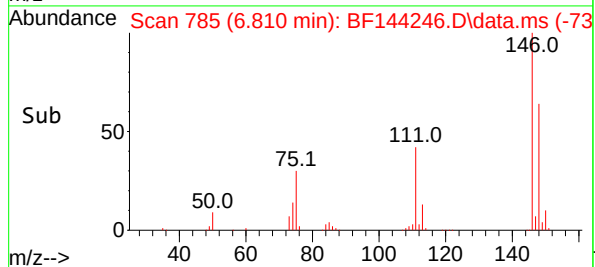
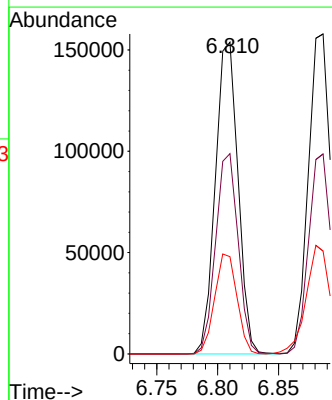
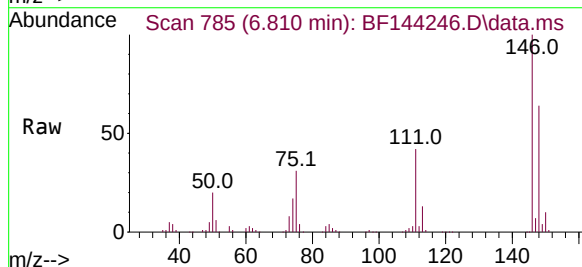
Manual Integrations
APPROVED

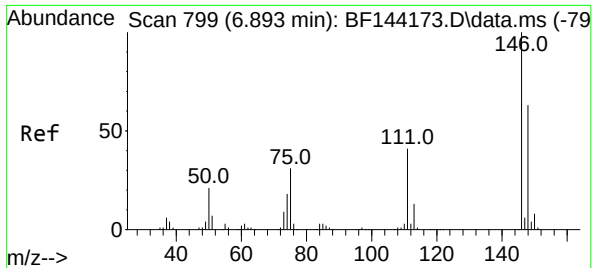
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#12
1,3-Dichlorobenzene
Concen: 43.780 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Tgt Ion:146 Resp: 199178
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 31.2 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 44.904 ng

RT: 6.887 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:146 Resp: 204670

Ion Ratio Lower Upper

146 100

148 62.5 50.2 75.2

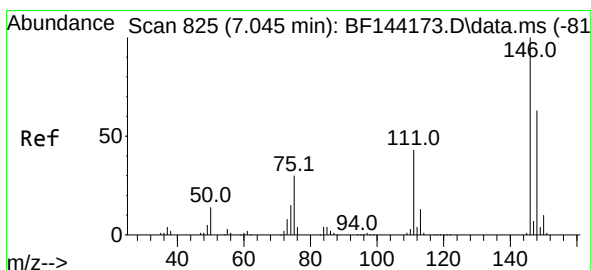
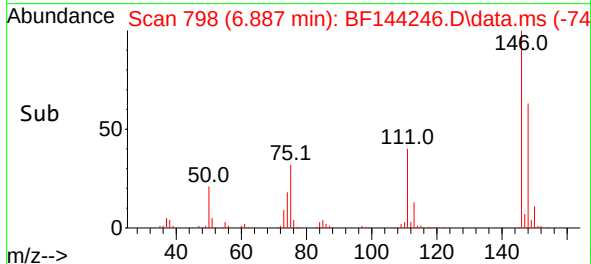
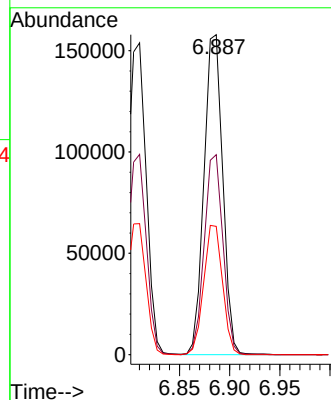
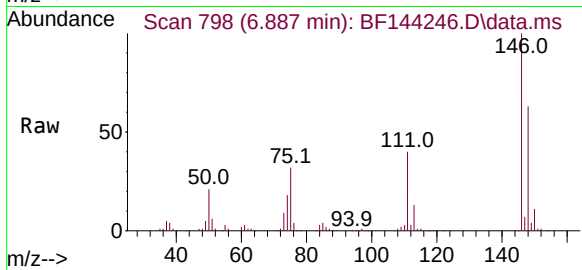
111 40.1 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#14

1,2-Dichlorobenzene

Concen: 45.617 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

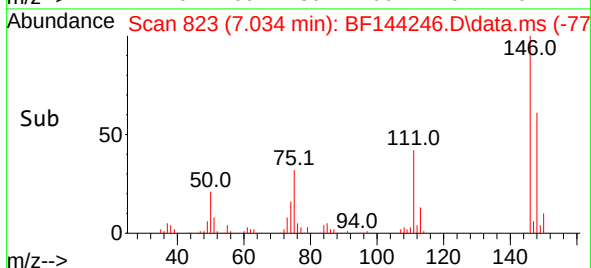
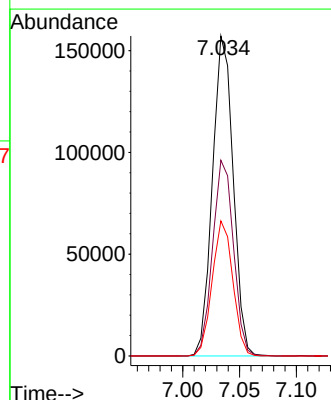
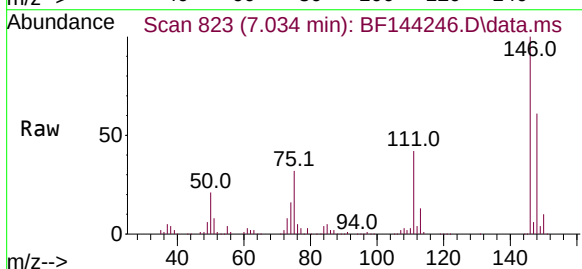
Tgt Ion:146 Resp: 199288

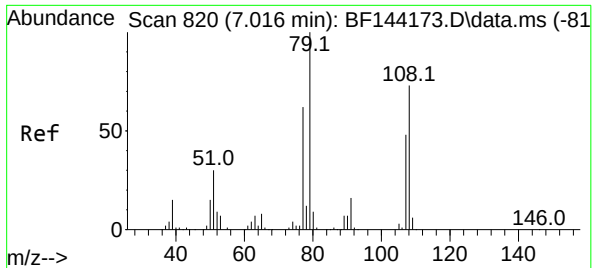
Ion Ratio Lower Upper

146 100

148 61.1 50.7 76.1

111 42.2 34.2 51.4





#15

Benzyl Alcohol

Concen: 47.448 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion: 79 Resp: 160046

Ion Ratio Lower Upper

79 100

108 70.0 58.2 87.4

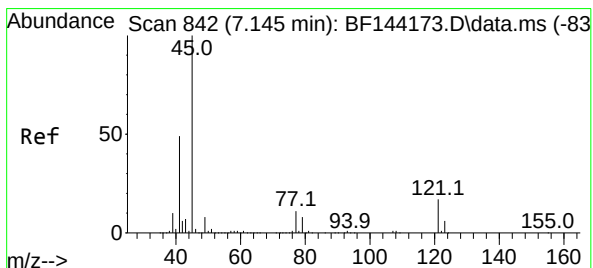
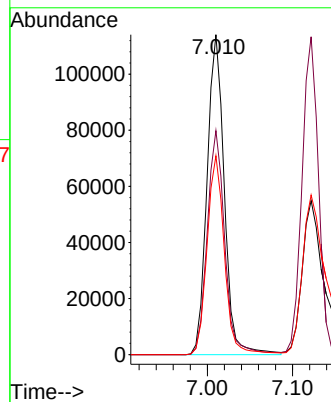
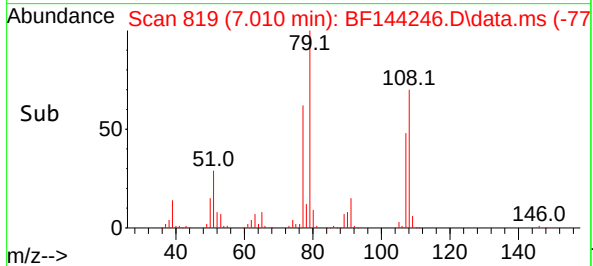
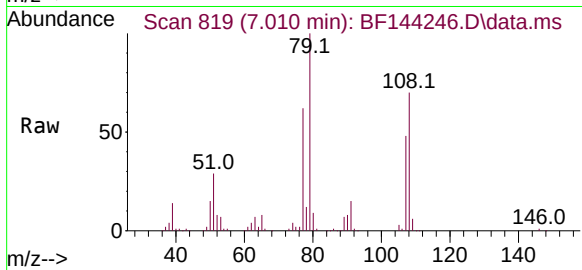
77 62.1 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.523 ng

RT: 7.139 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

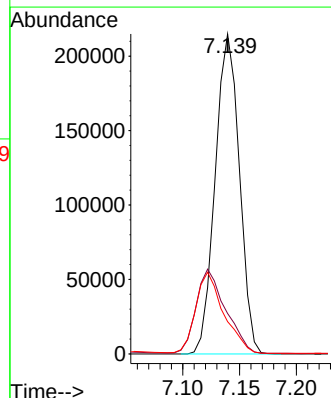
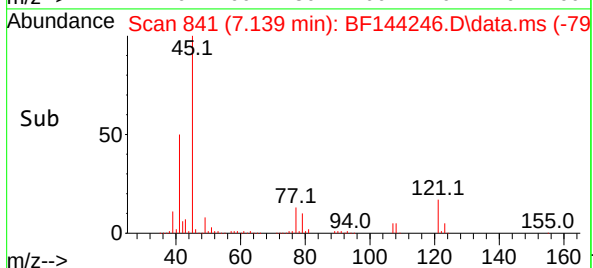
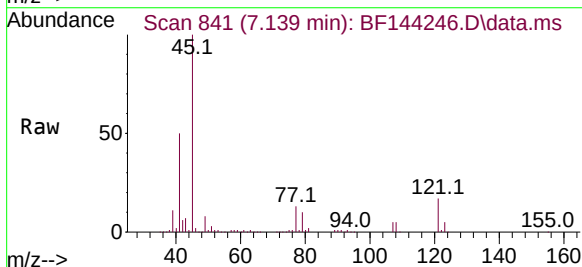
Tgt Ion: 45 Resp: 317923

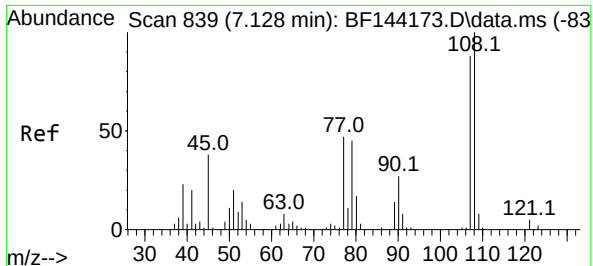
Ion Ratio Lower Upper

45 100

77 12.6 0.0 31.8

79 10.1 0.0 29.1





#17

2-Methylphenol

Concen: 45.616 ng

RT: 7.122 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:107 Resp: 133795

Ion Ratio Lower Upper

107 100

108 113.3 91.0 136.4

77 56.9 42.7 64.1

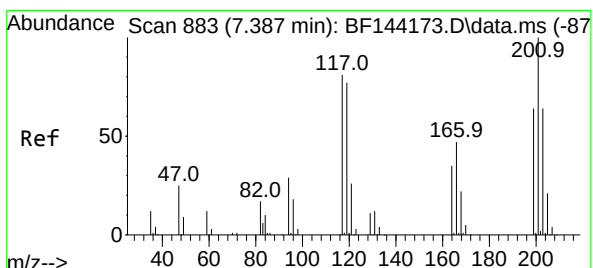
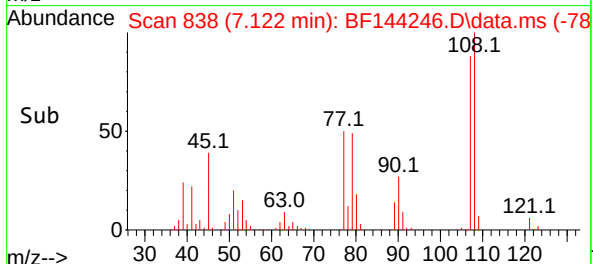
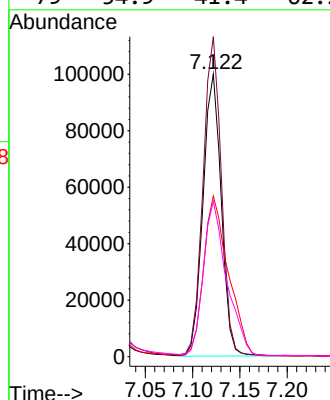
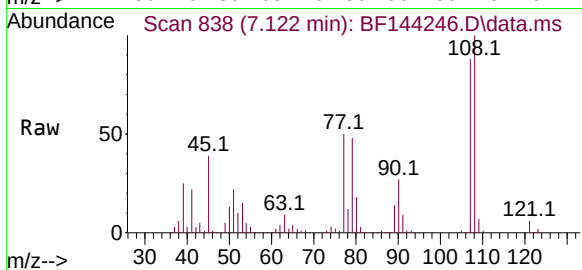
79 54.9 41.4 62.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#18

Hexachloroethane

Concen: 43.761 ng

RT: 7.375 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

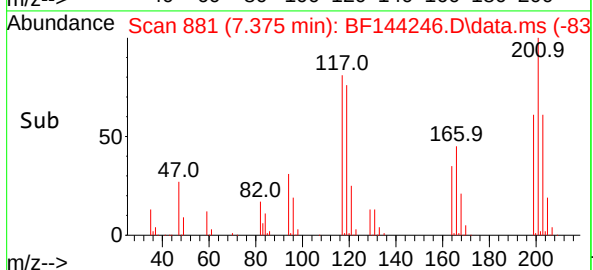
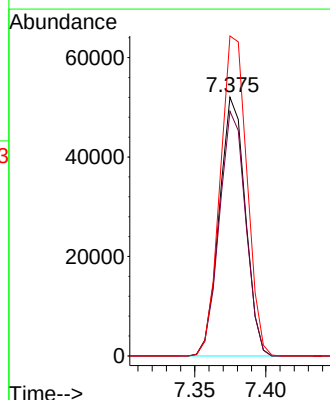
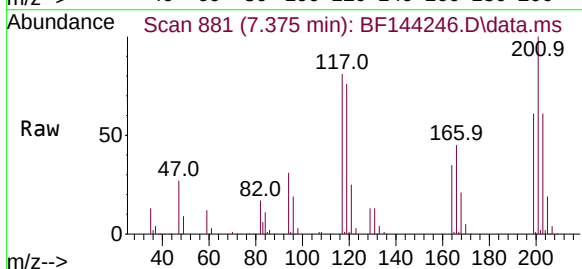
Tgt Ion:117 Resp: 66267

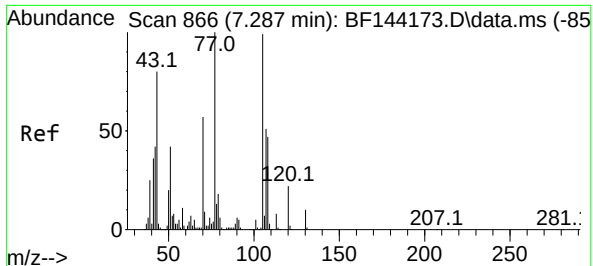
Ion Ratio Lower Upper

117 100

119 94.6 75.8 113.8

201 123.7 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 45.743 ng

RT: 7.281 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion: 70 Resp: 12827

Ion Ratio Lower Upper

70 100

42 76.6 58.3 87.5

101 8.5 7.0 10.6

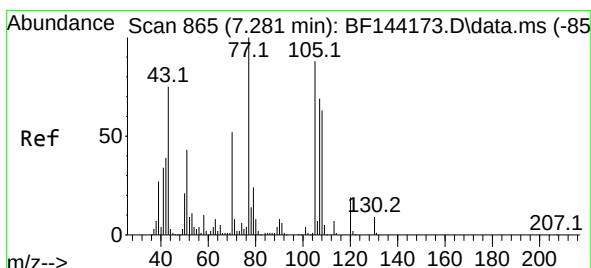
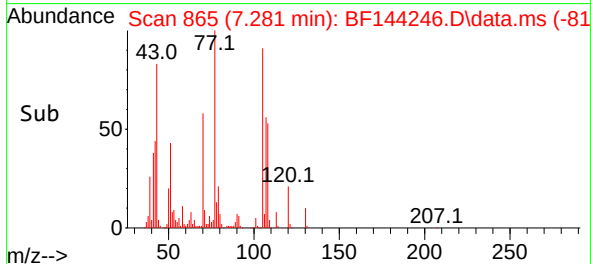
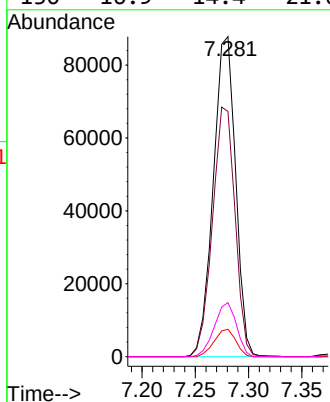
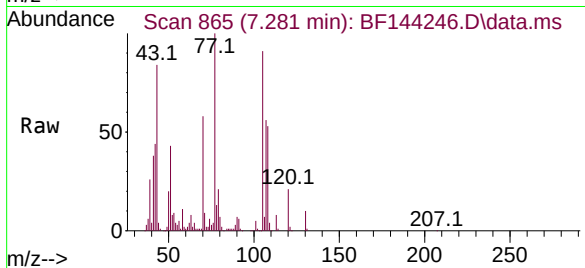
130 16.9 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#20

3+4-Methylphenols

Concen: 44.273 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Tgt Ion:107 Resp: 153078

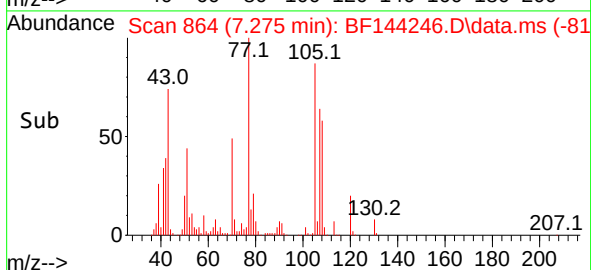
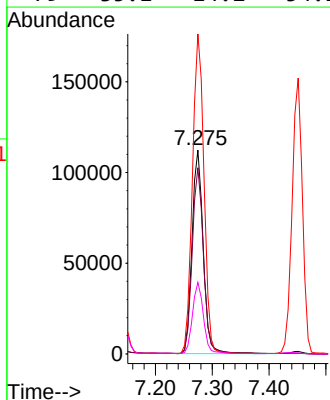
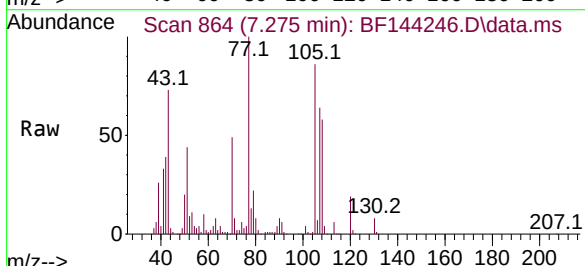
Ion Ratio Lower Upper

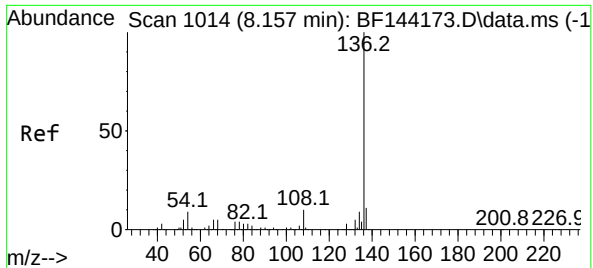
107 100

108 91.4 70.2 110.2

77 157.0 123.9 163.9

79 35.1 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:136 Resp: 241576

Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 7.7 7.0 10.6

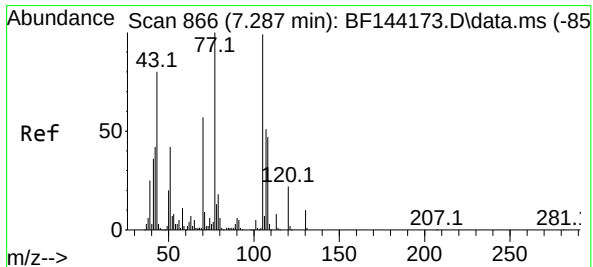
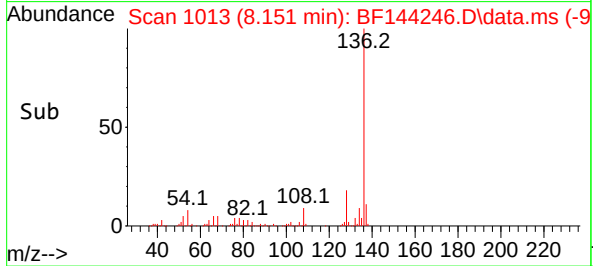
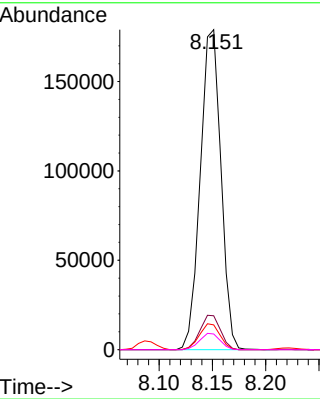
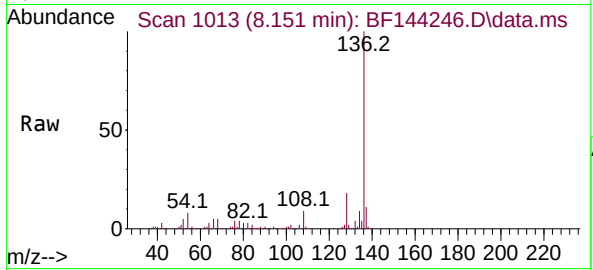
68 4.9 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#22

Acetophenone

Concen: 42.108 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Tgt Ion:105 Resp: 218214

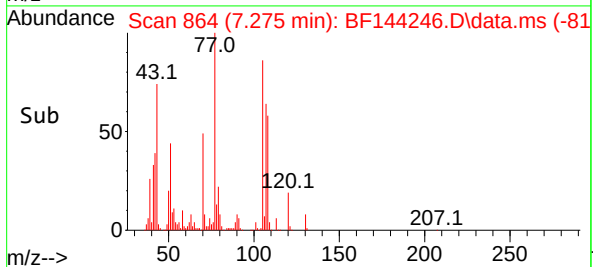
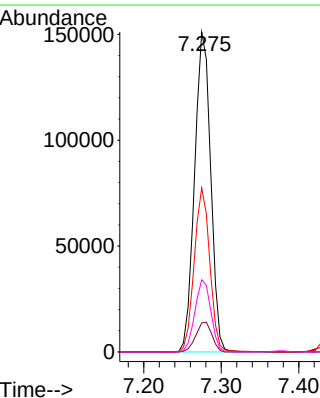
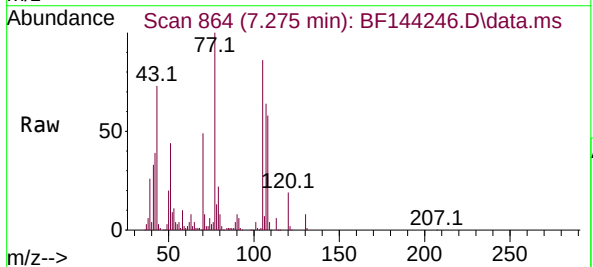
Ion Ratio Lower Upper

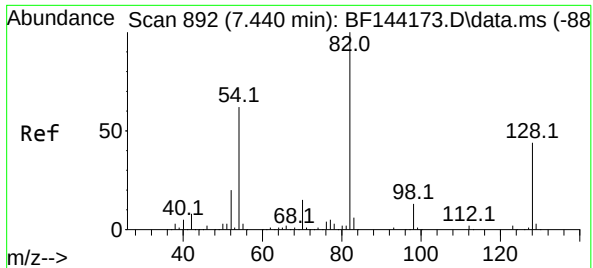
105 100

71 9.0 7.2 10.8

51 51.2 34.0 51.0#

120 22.5 17.8 26.6





#23

Nitrobenzene-d5

Concen: 81.987 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion: 82 Resp: 342926

Ion Ratio Lower Upper

82 100

128 42.9 34.7 52.1

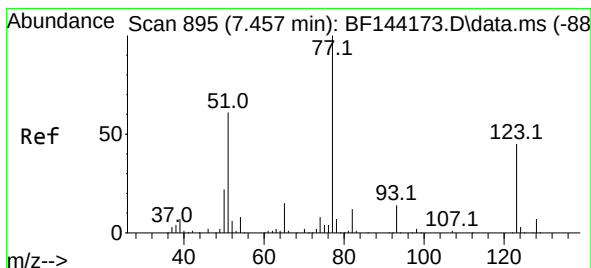
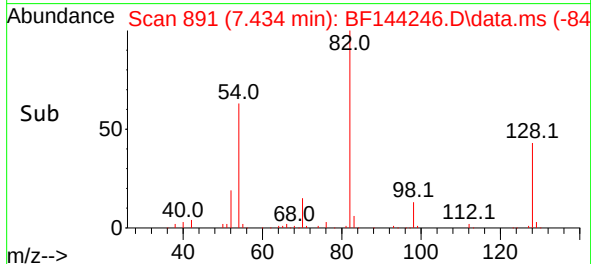
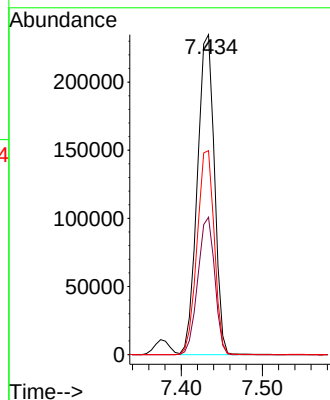
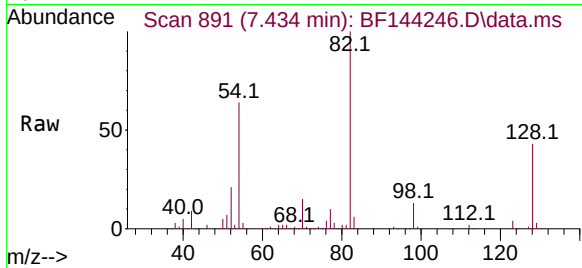
54 63.7 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#24

Nitrobenzene

Concen: 42.265 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

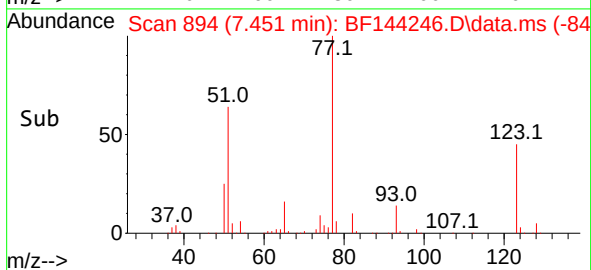
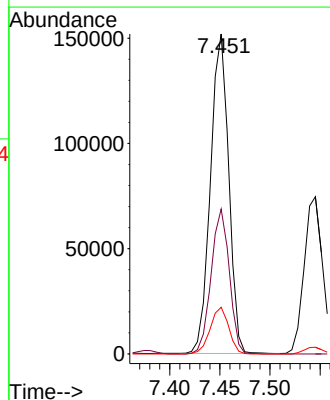
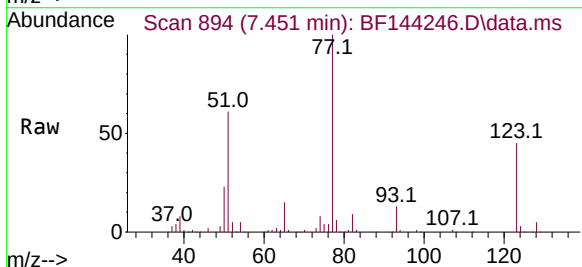
Tgt Ion: 77 Resp: 191943

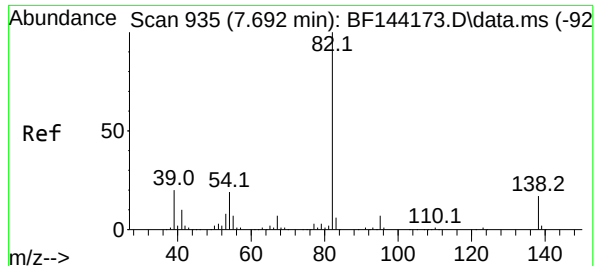
Ion Ratio Lower Upper

77 100

123 45.3 35.8 53.8

65 14.6 12.2 18.2





#25

Isophorone

Concen: 43.731 ng

RT: 7.686 min Scan# 934

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion: 82 Resp: 345984

Ion Ratio Lower Upper

82 100

95 7.3 5.5 8.3

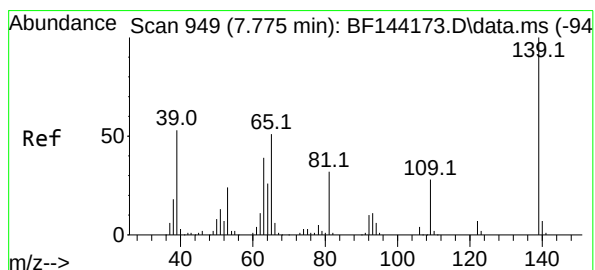
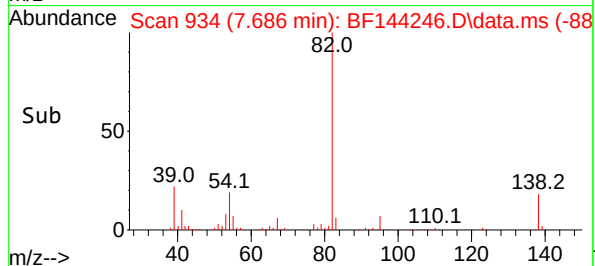
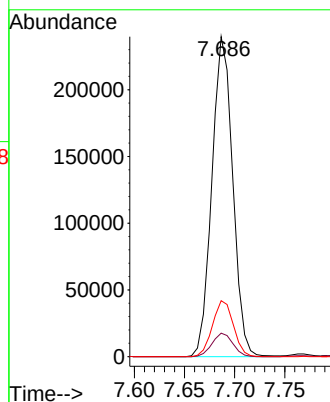
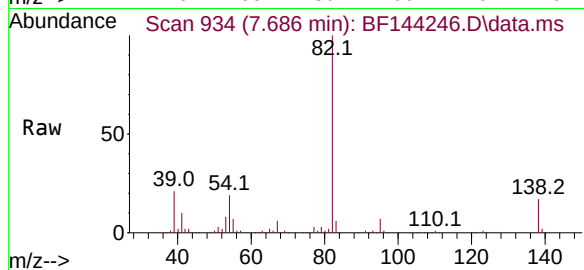
138 17.5 13.7 20.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#26

2-Nitrophenol

Concen: 44.039 ng

RT: 7.763 min Scan# 947

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

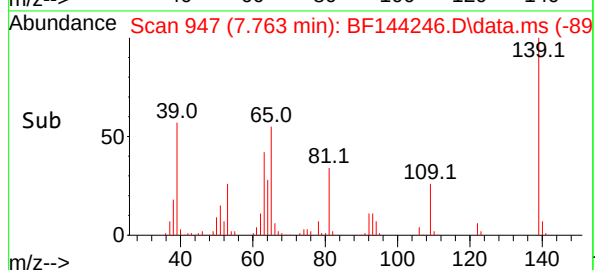
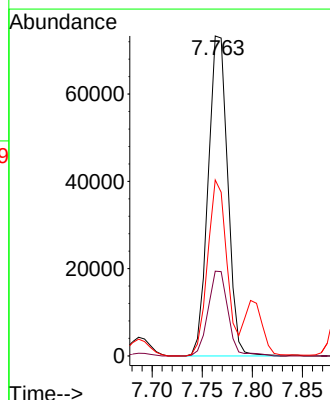
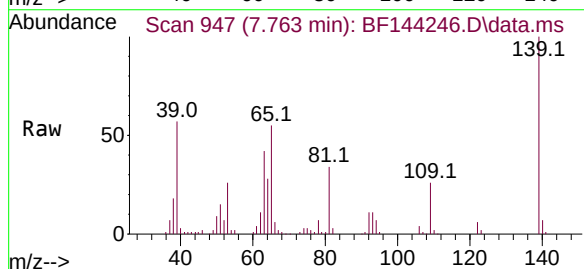
Tgt Ion:139 Resp: 99002

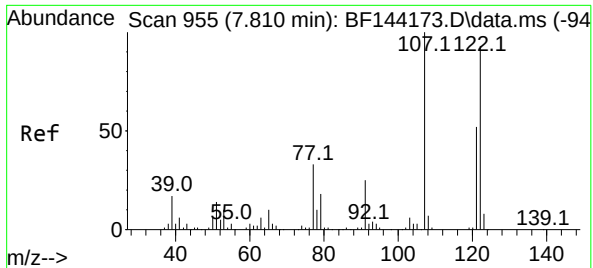
Ion Ratio Lower Upper

139 100

109 26.5 22.2 33.2

65 55.0 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 46.070 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:122 Resp: 15523

Ion Ratio Lower Upper

122 100

107 114.8 86.2 129.4

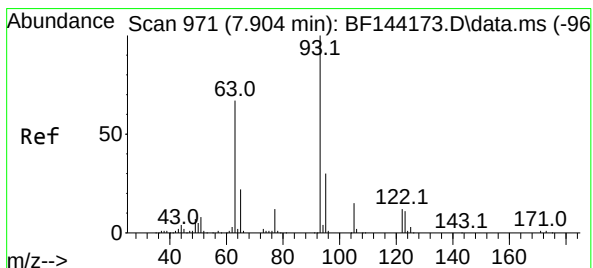
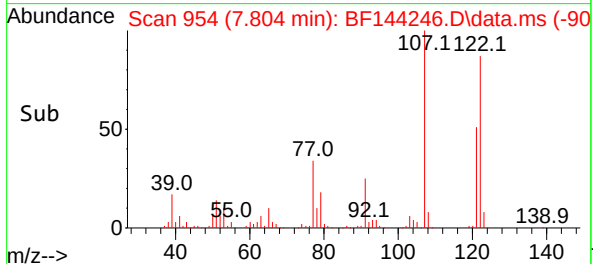
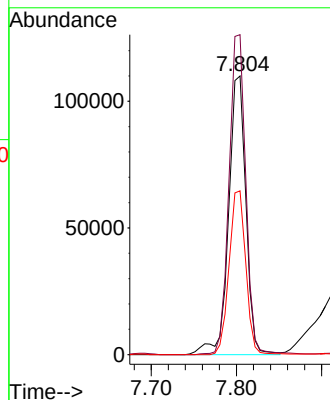
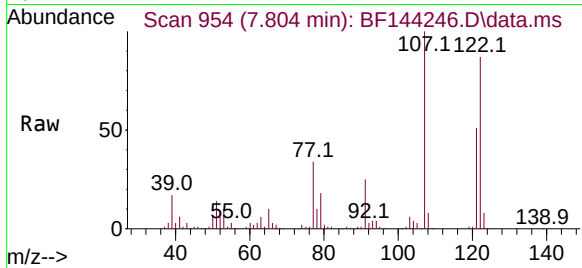
121 58.8 44.6 66.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.534 ng

RT: 7.898 min Scan# 970

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

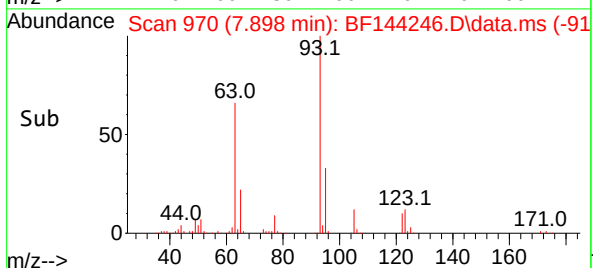
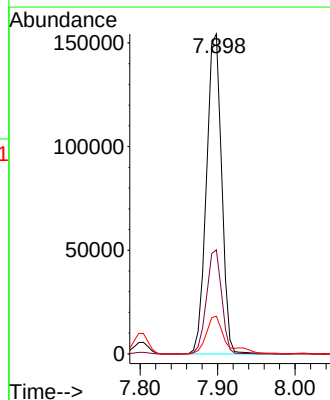
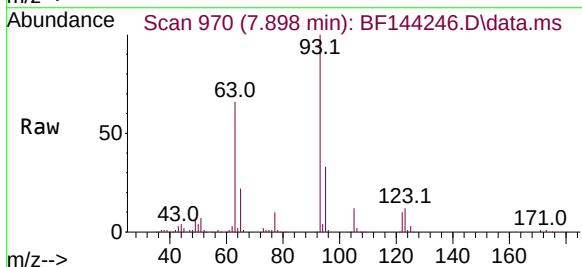
Tgt Ion: 93 Resp: 210138

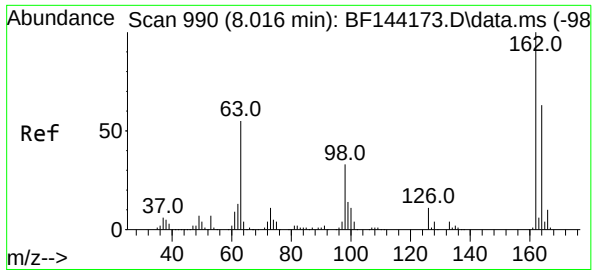
Ion Ratio Lower Upper

93 100

95 32.5 24.2 36.4

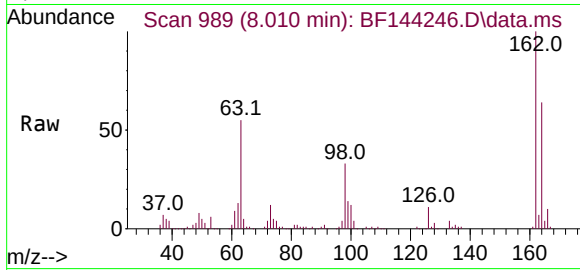
123 11.8 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 41.281 ng
RT: 8.010 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

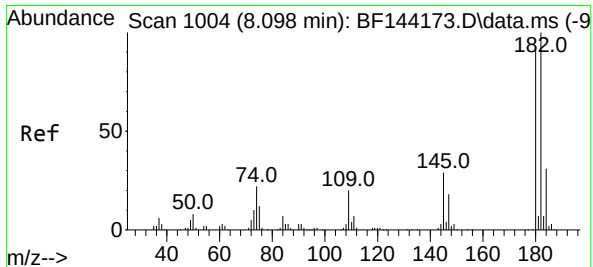
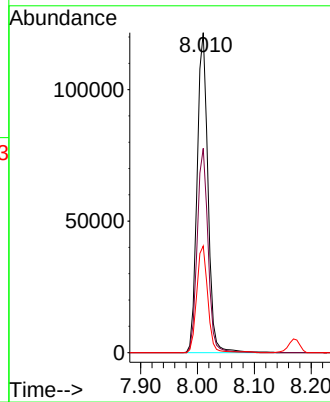
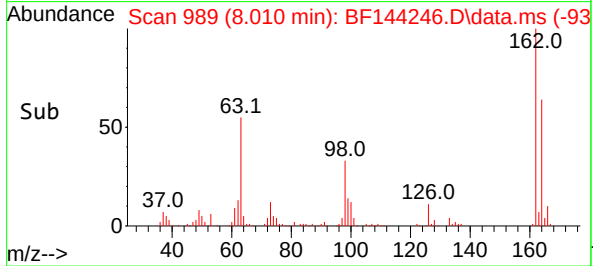
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



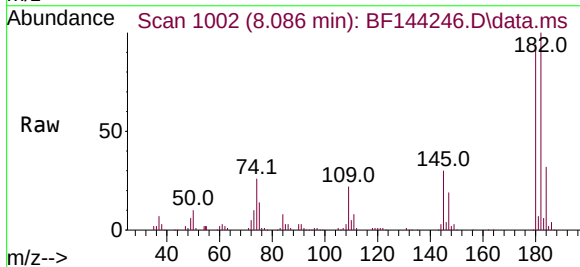
Tgt Ion:162 Resp: 160319
Ion Ratio Lower Upper
162 100
164 63.8 42.9 82.9
98 33.3 13.3 53.3

Manual Integrations
APPROVED

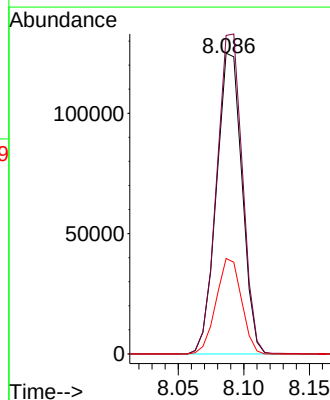
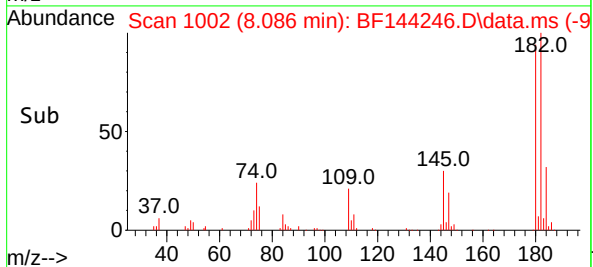
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

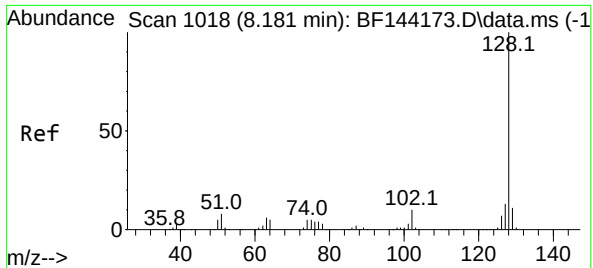


#30
1,2,4-Trichlorobenzene
Concen: 42.651 ng
RT: 8.086 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



Tgt Ion:180 Resp: 170085
Ion Ratio Lower Upper
180 100
182 105.9 87.7 131.5
145 31.8 25.4 38.0





#31

Naphthalene

Concen: 41.066 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

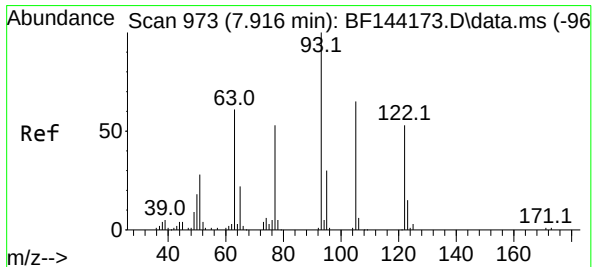
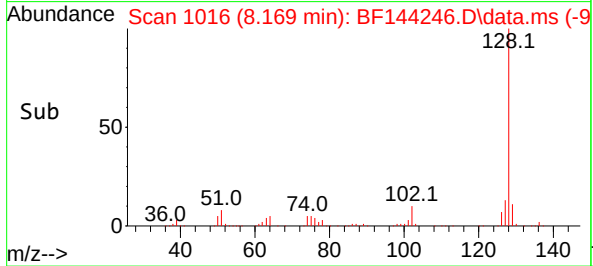
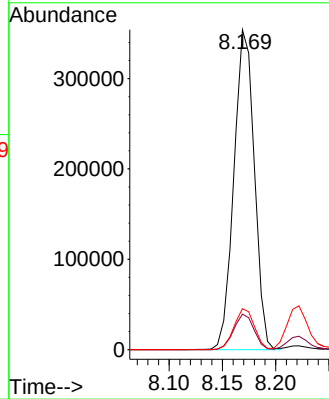
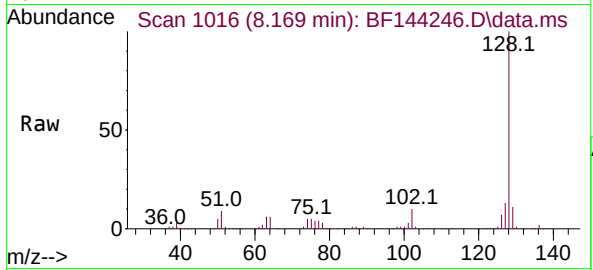
Tgt Ion:128 Resp: 471894

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.8	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#32

Benzoic acid

Concen: 41.876 ng

RT: 7.934 min Scan# 976

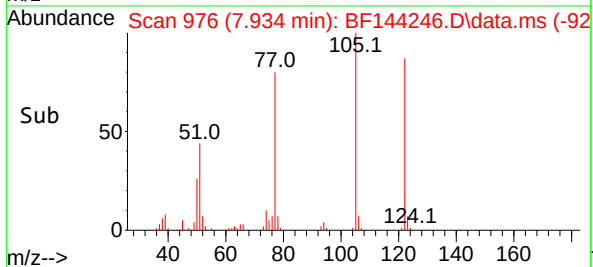
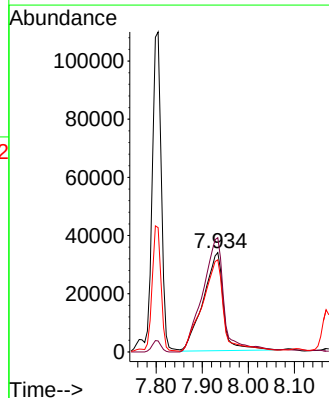
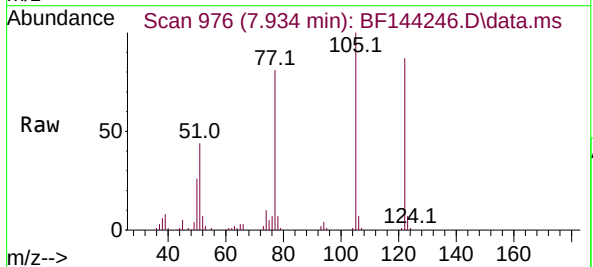
Delta R.T. -0.018 min

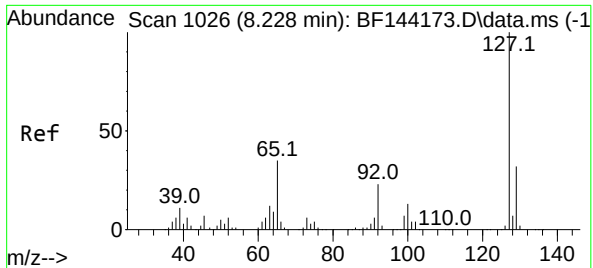
Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Tgt Ion:122 Resp: 103430

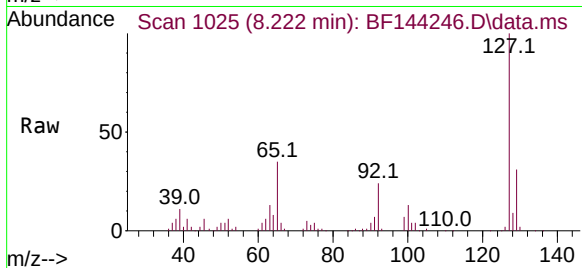
Ion	Ratio	Lower	Upper
122	100		
105	115.0	99.9	139.9
77	92.8	77.5	117.5





#33
4-Chloroaniline
Concen: 16.729 ng
RT: 8.222 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

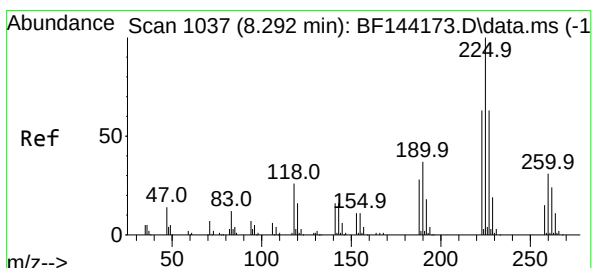
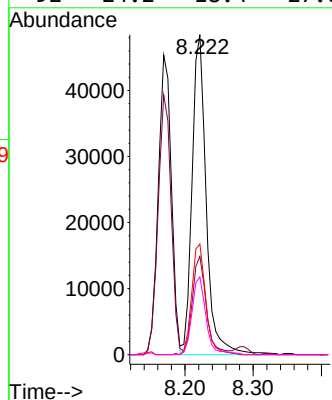
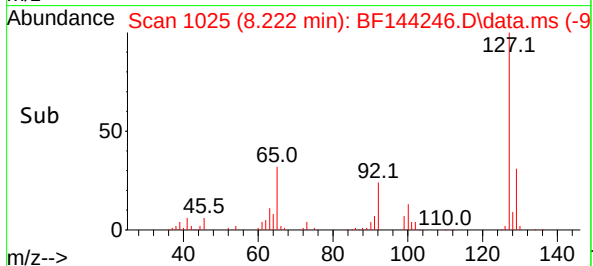
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:127 Resp: 70111
Ion Ratio Lower Upper
127 100
129 30.7 25.3 37.9
65 34.6 27.6 41.4
92 24.2 18.4 27.6

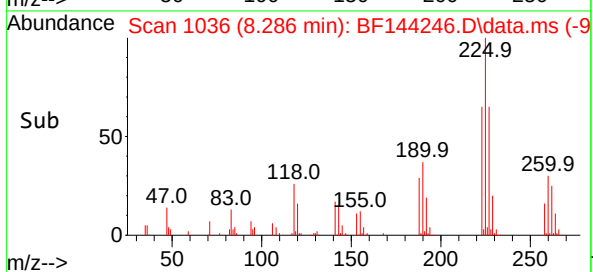
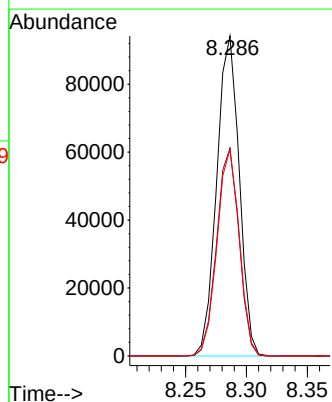
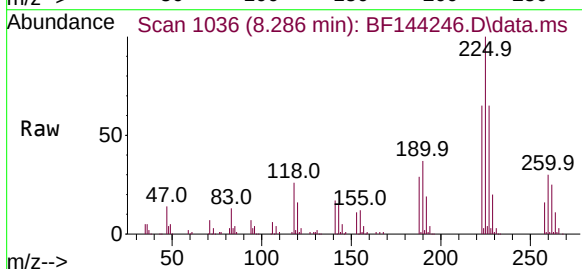
Manual Integrations
APPROVED

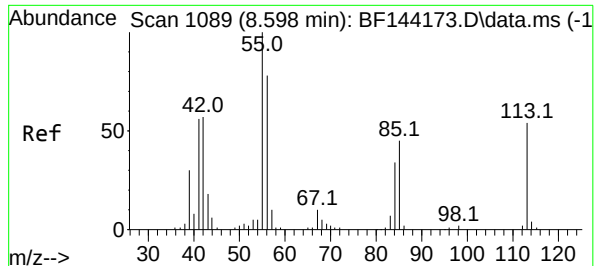
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#34
Hexachlorobutadiene
Concen: 40.358 ng
RT: 8.286 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Tgt Ion:225 Resp: 121293
Ion Ratio Lower Upper
225 100
223 64.9 50.2 75.4
227 64.5 50.1 75.1





#35

Caprolactam

Concen: 47.419 ng m

RT: 8.592 min Scan# 1089

Delta R.T. -0.029 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:113 Resp: 50453

Ion Ratio Lower Upper

113 100

55 179.1 166.8 206.8

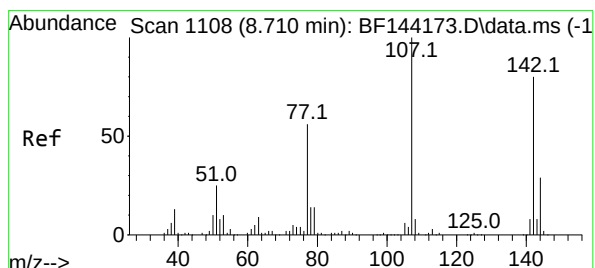
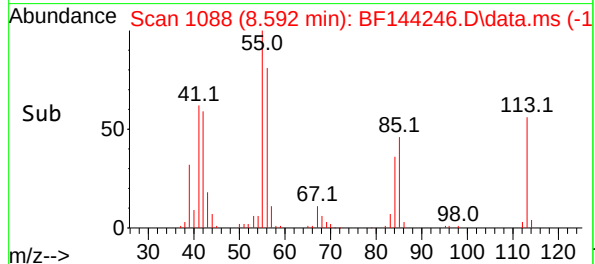
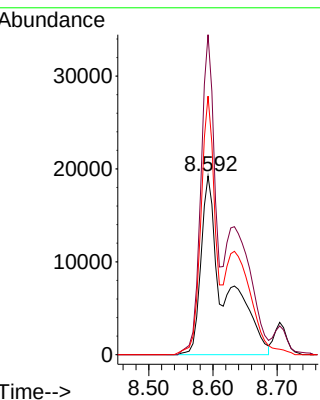
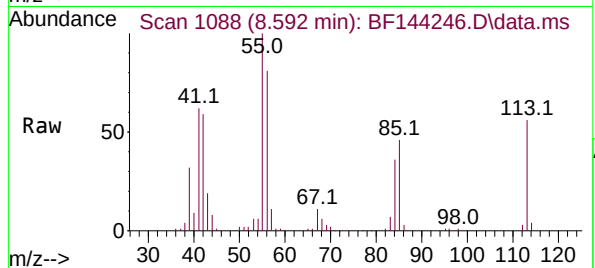
56 144.7 125.9 165.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#36

4-Chloro-3-methylphenol

Concen: 43.453 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

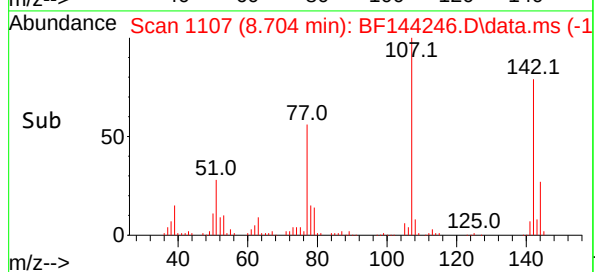
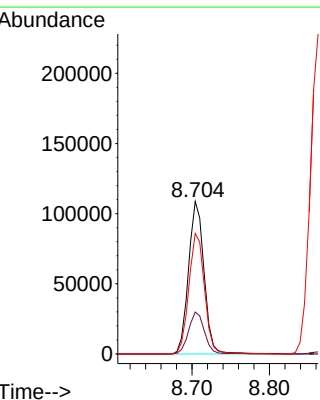
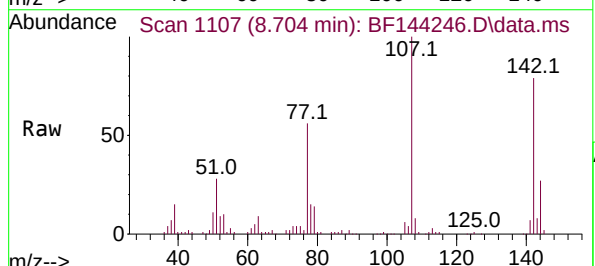
Tgt Ion:107 Resp: 151236

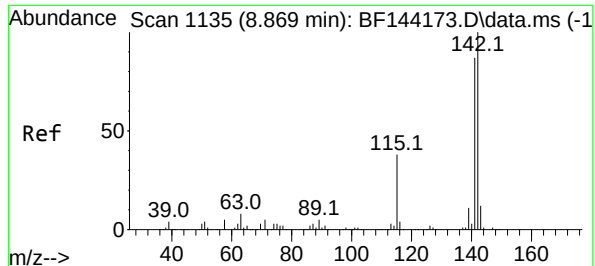
Ion Ratio Lower Upper

107 100

144 27.5 23.3 34.9

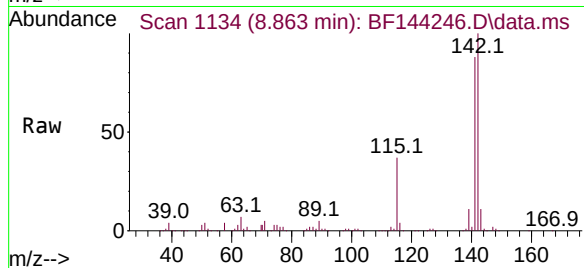
142 79.0 63.8 95.6





#37
2-Methylnaphthalene
Concen: 38.785 ng
RT: 8.863 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

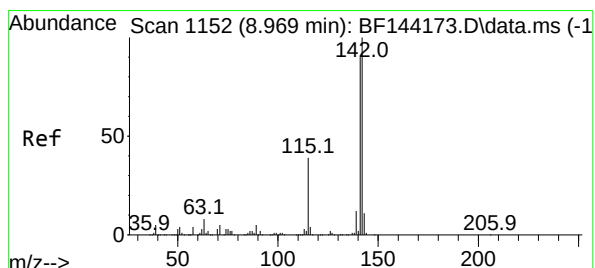
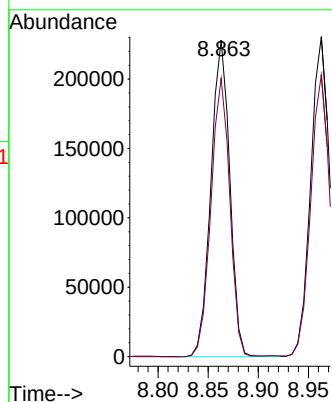
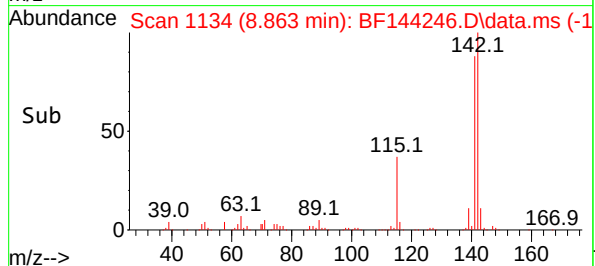
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:142 Resp: 297986
Ion Ratio Lower Upper
142 100
141 87.9 69.9 104.9

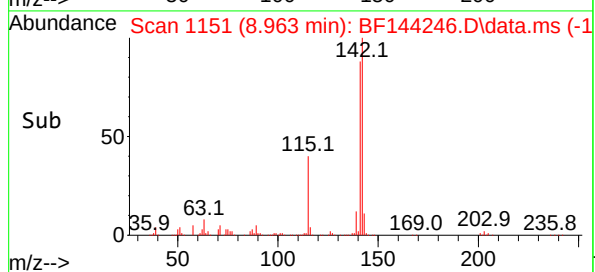
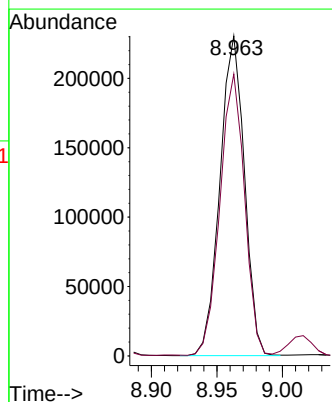
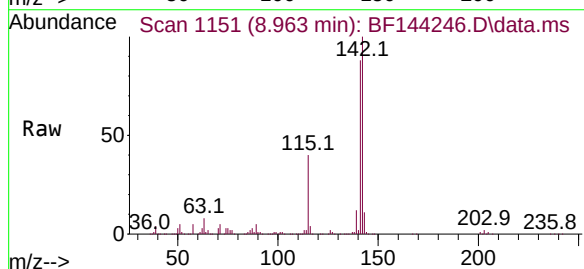
Manual Integrations
APPROVED

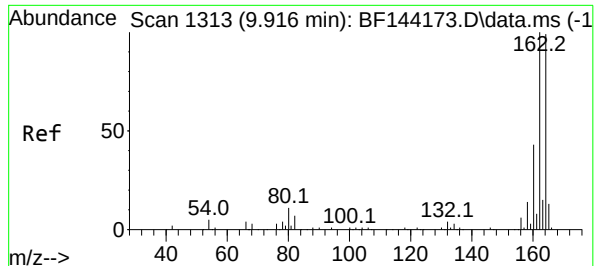
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#38
1-Methylnaphthalene
Concen: 40.456 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Tgt Ion:142 Resp: 299912
Ion Ratio Lower Upper
142 100
141 88.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF144246.D

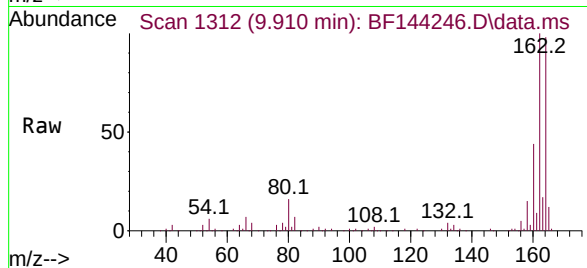
Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD



Tgt Ion:164 Resp: 135120

Ion Ratio Lower Upper

164 100

162 101.6 81.1 121.7

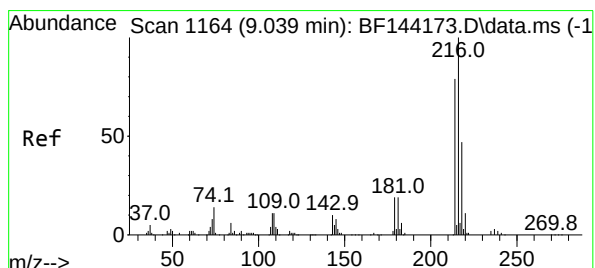
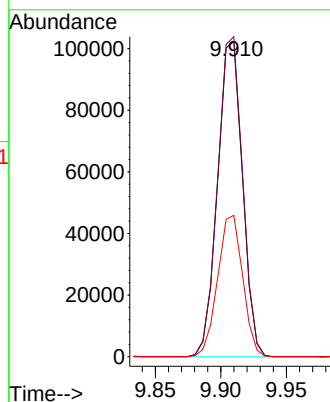
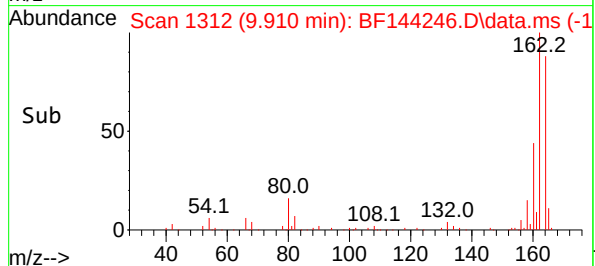
160 44.8 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.909 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Tgt Ion:216 Resp: 181158

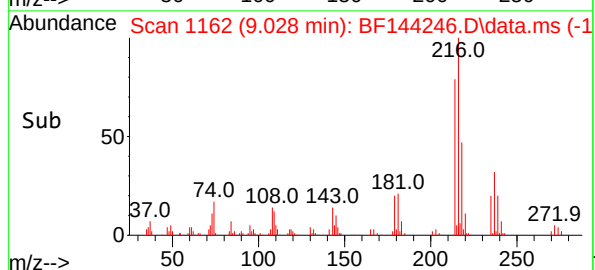
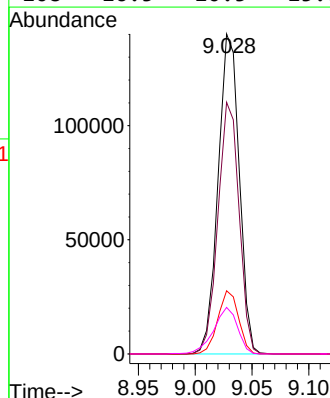
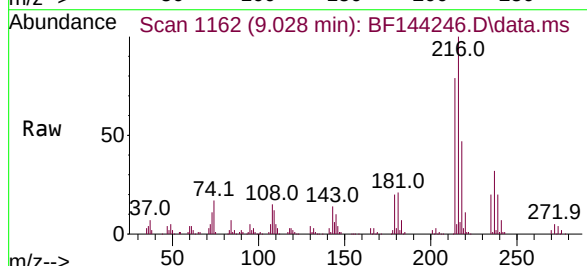
Ion Ratio Lower Upper

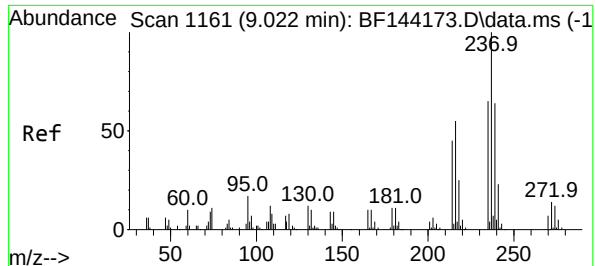
216 100

214 78.5 63.4 95.2

179 19.3 15.0 22.4

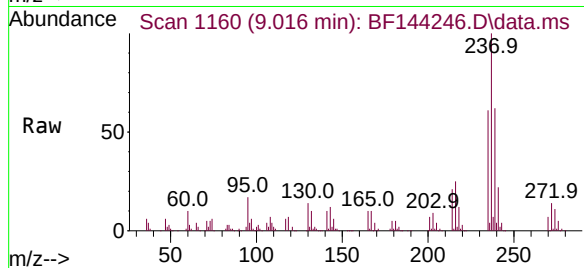
108 16.5 10.5 15.7#





#41
Hexachlorocyclopentadiene
Concen: 100.084 ng
RT: 9.016 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

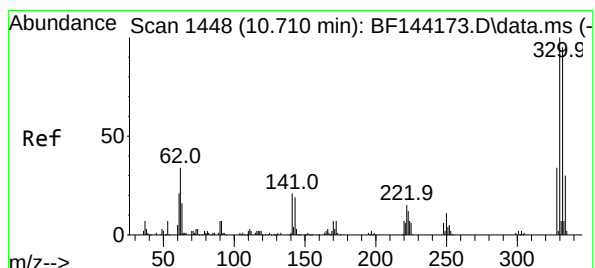
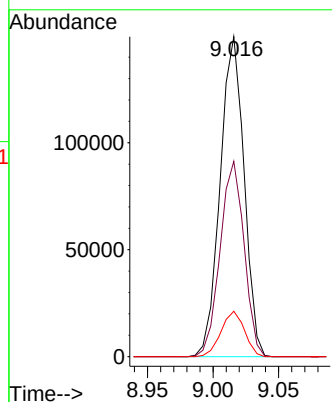
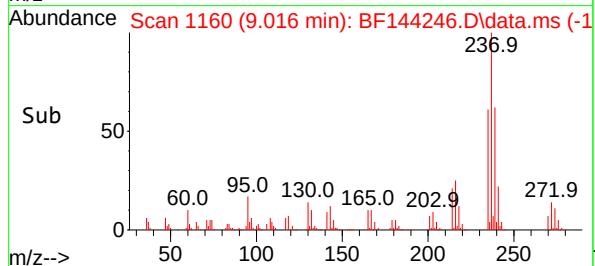
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



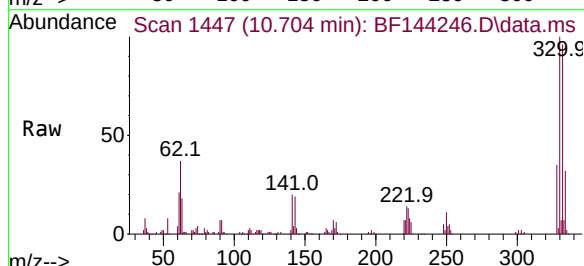
Tgt Ion:237 Resp: 190222
Ion Ratio Lower Upper
237 100
235 61.0 45.5 85.5
272 14.2 0.0 33.5

Manual Integrations
APPROVED

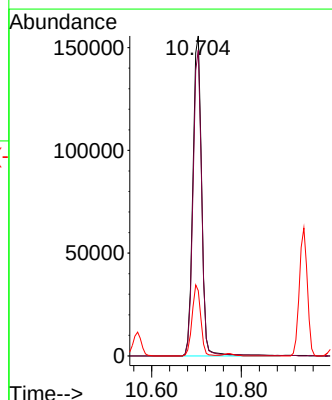
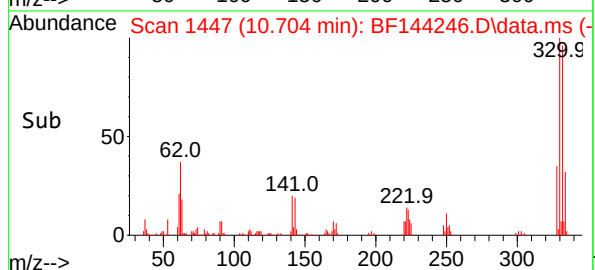
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

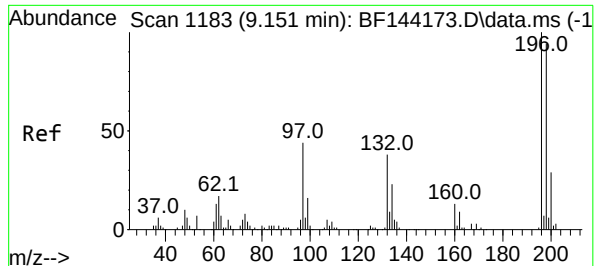


#42
2,4,6-Tribromophenol
Concen: 124.170 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



Tgt Ion:330 Resp: 210542
Ion Ratio Lower Upper
330 100
332 94.6 76.7 115.1
141 21.8 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 41.009 ng

RT: 9.145 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:196 Resp: 123600

Ion Ratio Lower Upper

196 100

198 96.4 75.3 112.9

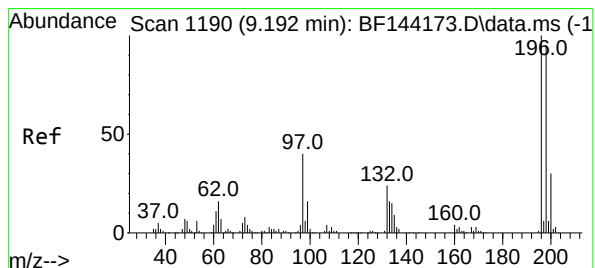
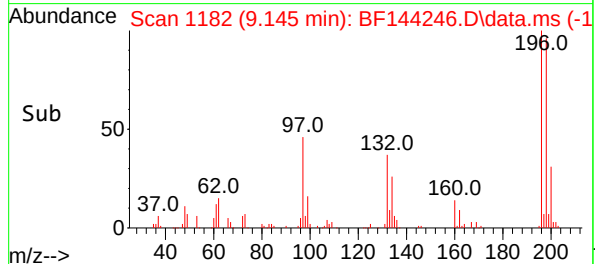
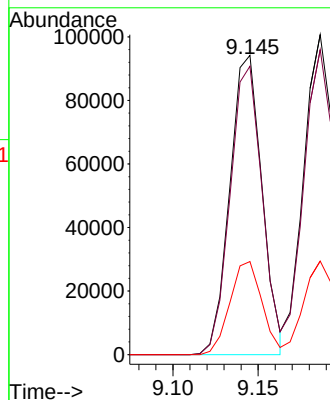
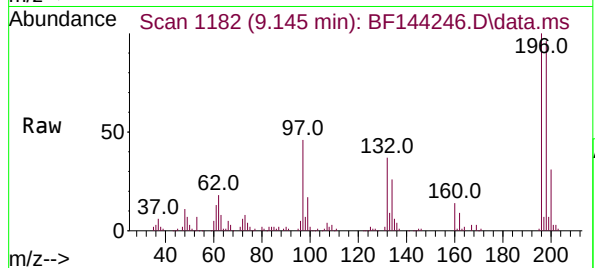
200 31.1 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#44

2,4,5-Trichlorophenol

Concen: 41.466 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Tgt Ion:196 Resp: 134698

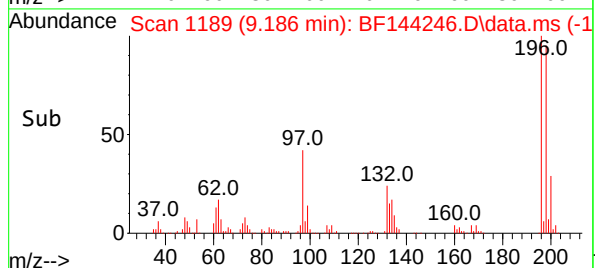
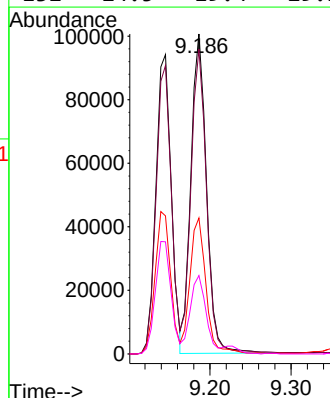
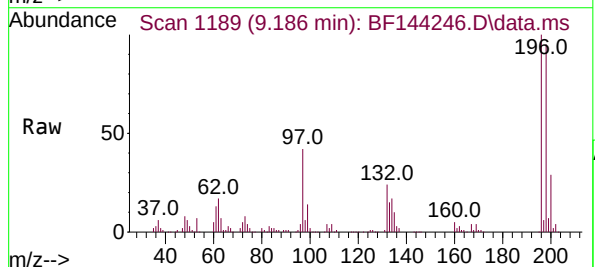
Ion Ratio Lower Upper

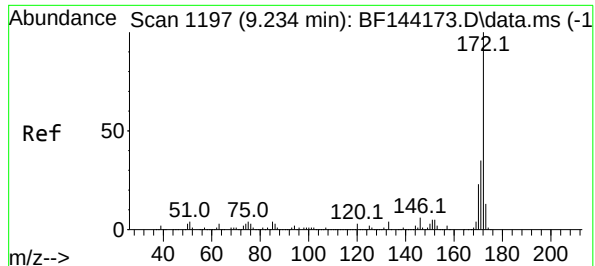
196 100

198 95.3 76.1 114.1

97 42.5 31.9 47.9

132 24.5 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 78.510 ng

RT: 9.228 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:172 Resp: 718260

Ion Ratio Lower Upper

172 100

171 34.5 28.1 42.1

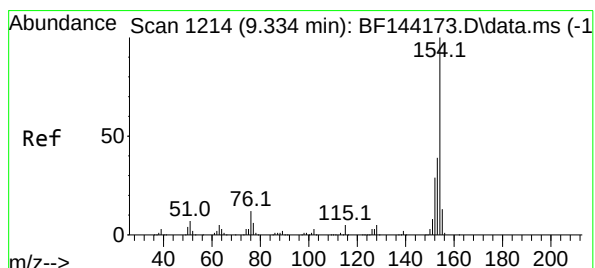
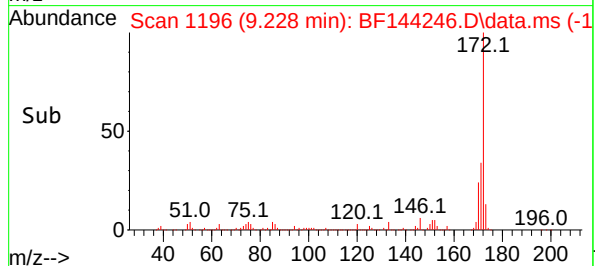
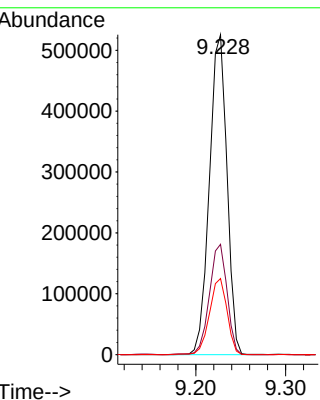
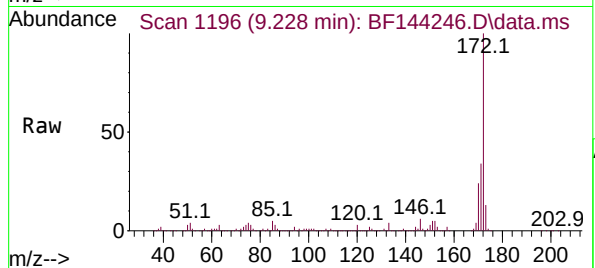
170 23.8 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#46

1,1'-Biphenyl

Concen: 42.195 ng

RT: 9.328 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

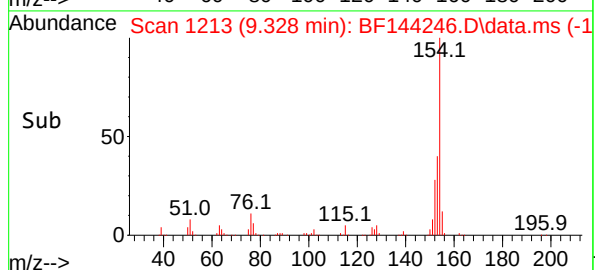
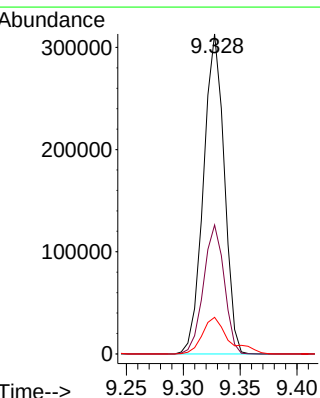
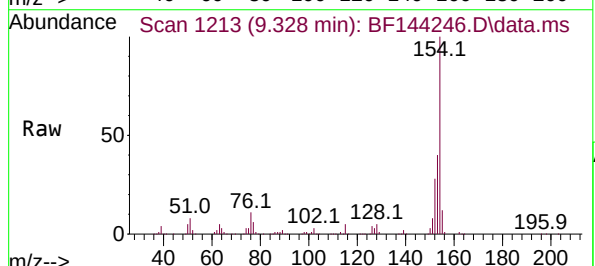
Tgt Ion:154 Resp: 397971

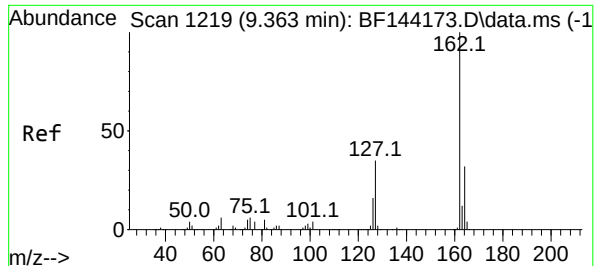
Ion Ratio Lower Upper

154 100

153 40.3 19.2 59.2

76 11.4 0.0 31.8





#47

2-Chloronaphthalene

Concen: 42.026 ng

RT: 9.351 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:162 Resp: 338120

Ion Ratio Lower Upper

162 100

127 37.3 28.8 43.2

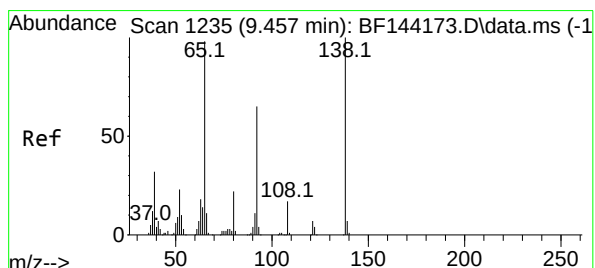
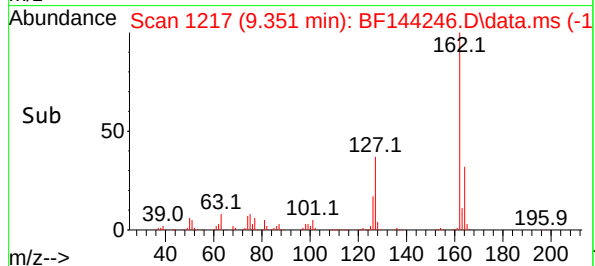
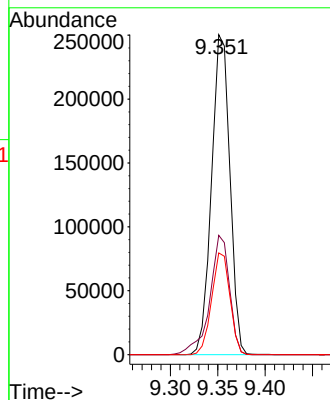
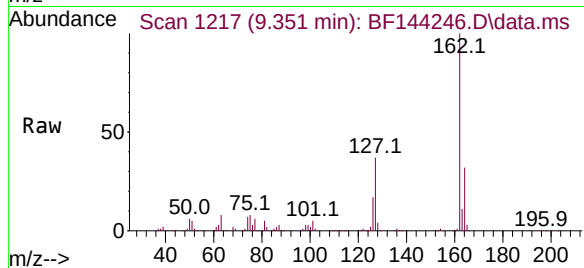
164 31.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#48

2-Nitroaniline

Concen: 46.612 ng

RT: 9.451 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

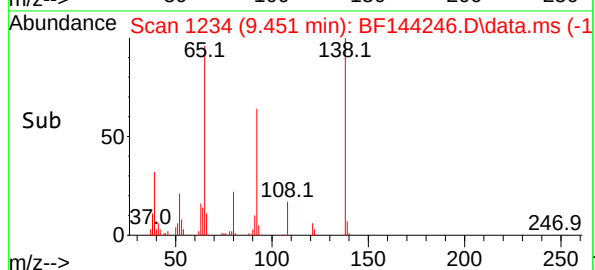
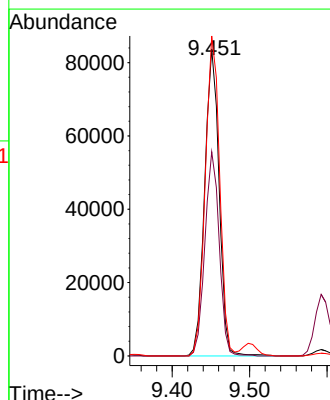
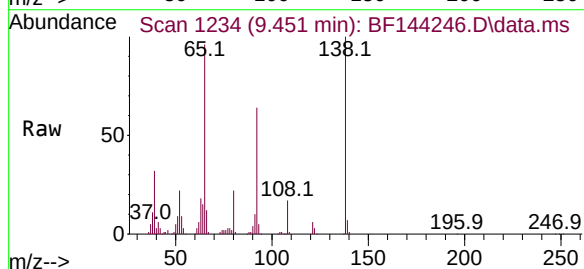
Tgt Ion: 65 Resp: 108204

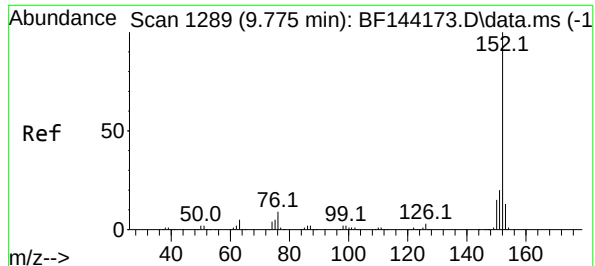
Ion Ratio Lower Upper

65 100

92 66.5 53.0 79.6

138 104.3 81.6 122.4





#49

Acenaphthylene

Concen: 47.030 ng

RT: 9.769 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:152 Resp: 515625

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

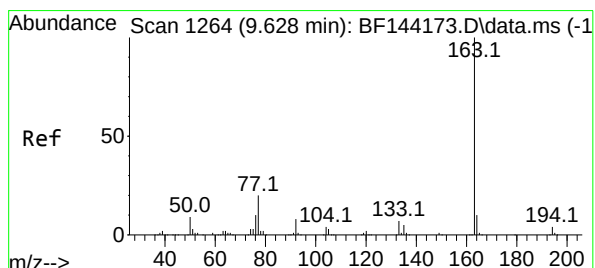
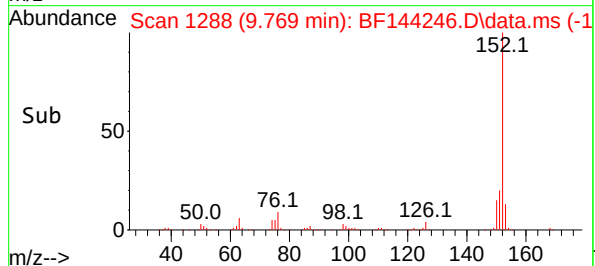
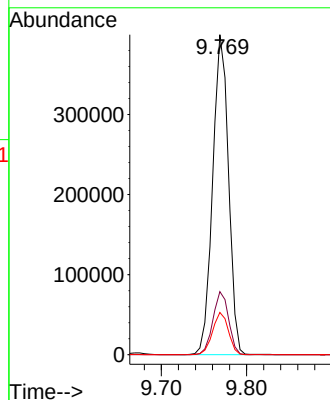
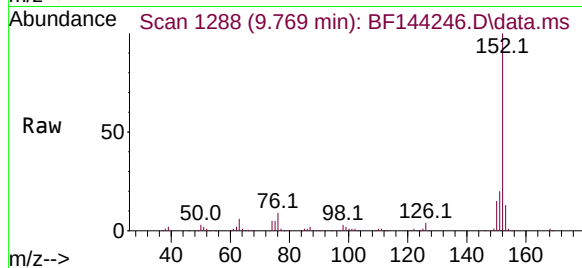
153 13.2 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#50

Dimethylphthalate

Concen: 44.550 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

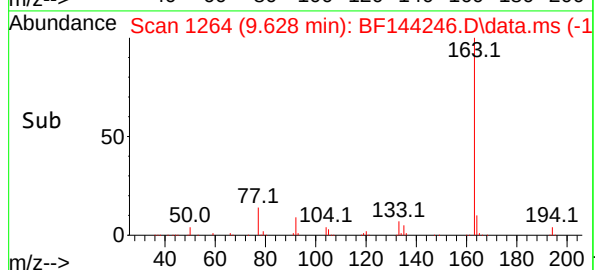
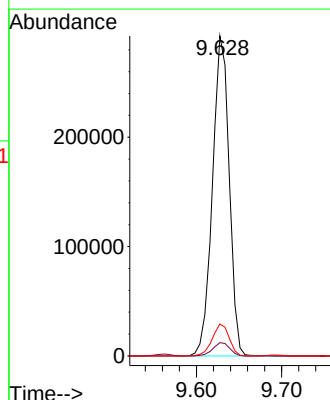
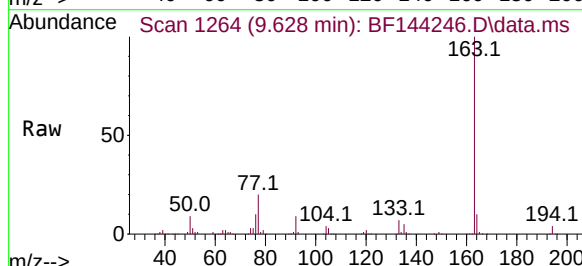
Tgt Ion:163 Resp: 398788

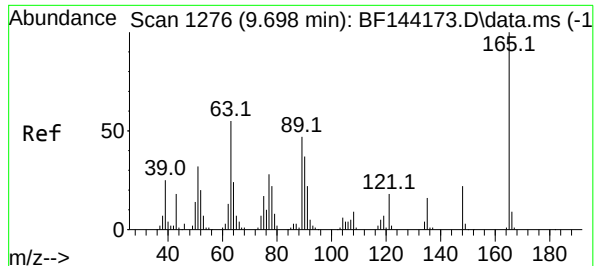
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

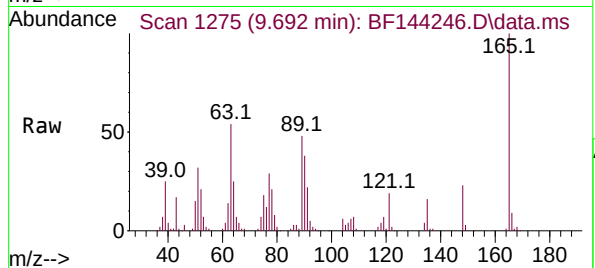
164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 47.421 ng
RT: 9.692 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

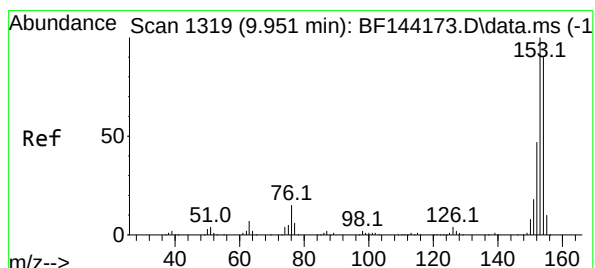
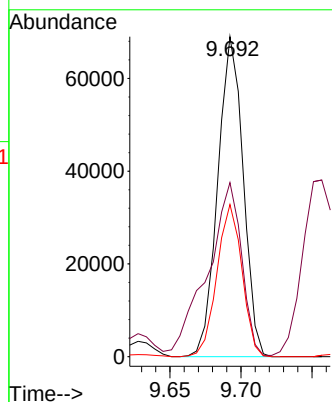
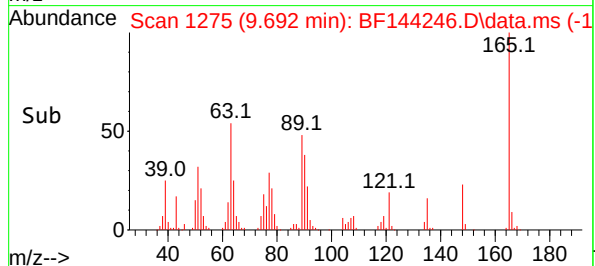
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



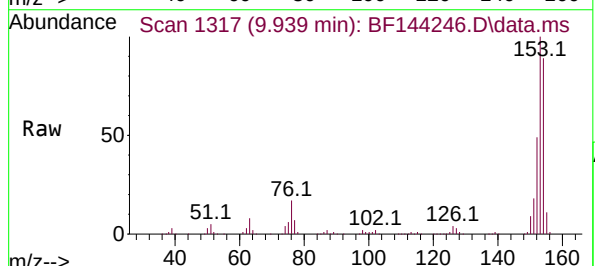
Tgt Ion:165 Resp: 85929
Ion Ratio Lower Upper
165 100
63 54.4 43.8 65.8
89 47.5 37.5 56.3

Manual Integrations
APPROVED

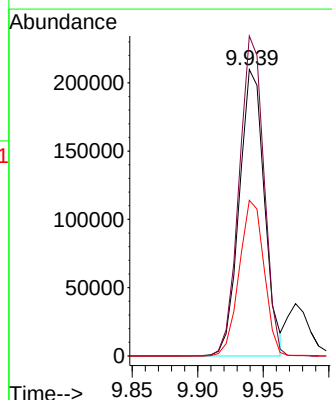
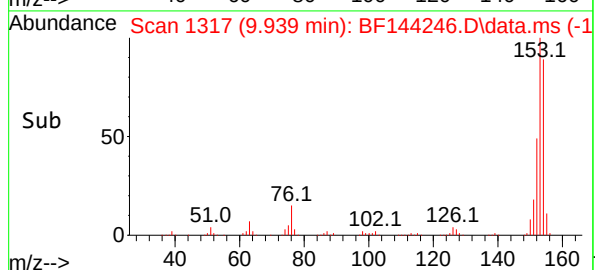
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

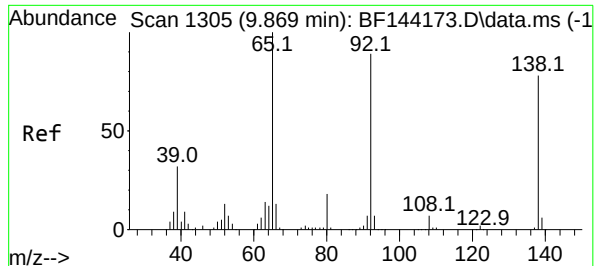


#52
Acenaphthene
Concen: 38.172 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



Tgt Ion:154 Resp: 279860
Ion Ratio Lower Upper
154 100
153 111.8 89.0 133.4
152 54.4 42.2 63.4





#53

3-Nitroaniline

Concen: 25.209 ng

RT: 9.863 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:138 Resp: 49936

Ion Ratio Lower Upper

138 100

108 9.9 7.5 11.3

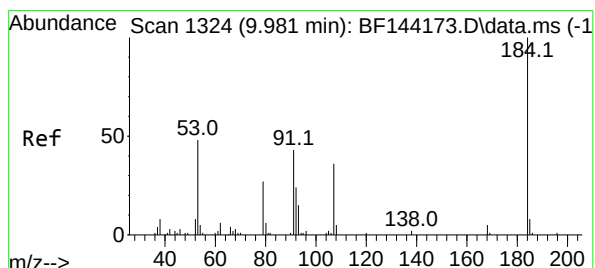
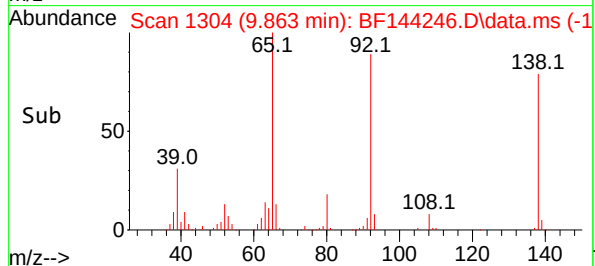
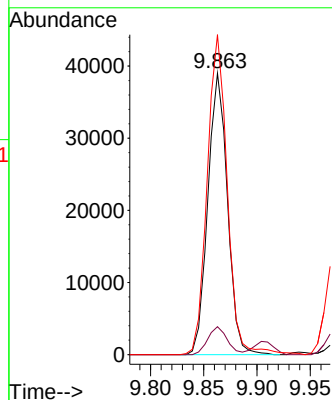
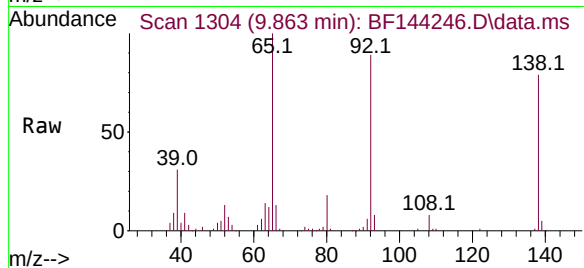
92 113.7 91.8 137.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#54

2,4-Dinitrophenol

Concen: 88.729 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

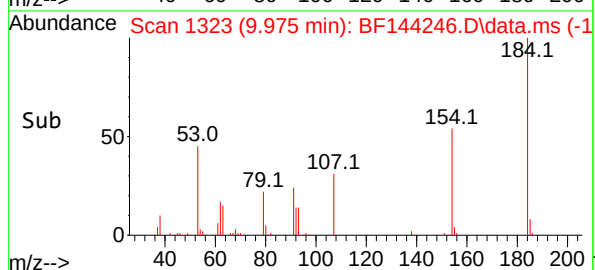
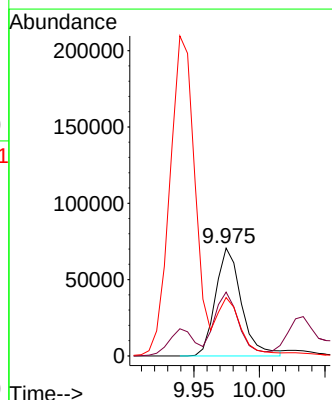
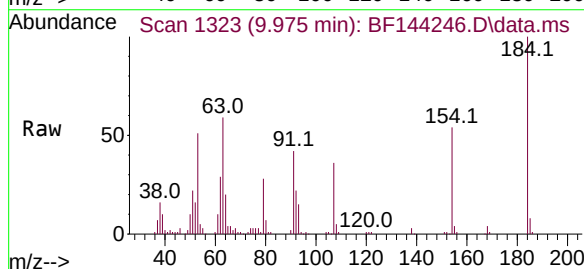
Tgt Ion:184 Resp: 97089

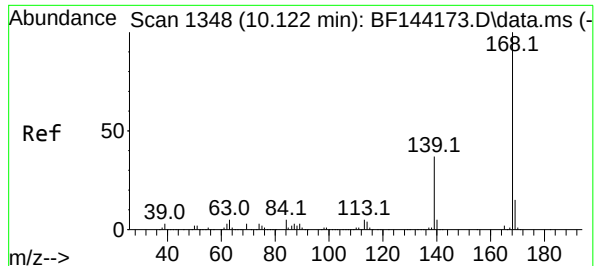
Ion Ratio Lower Upper

184 100

63 59.1 44.0 66.0

154 54.1 42.4 63.6





#55

Dibenzenofuran

Concen: 41.716 ng

RT: 10.116 min Scan# 1348

Delta R.T. -0.000 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:168 Resp: 428345

Ion Ratio Lower Upper

168 100

139 38.2 30.2 45.2

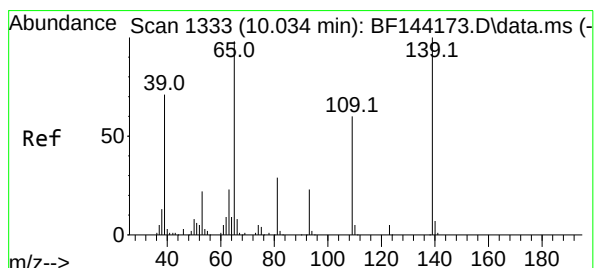
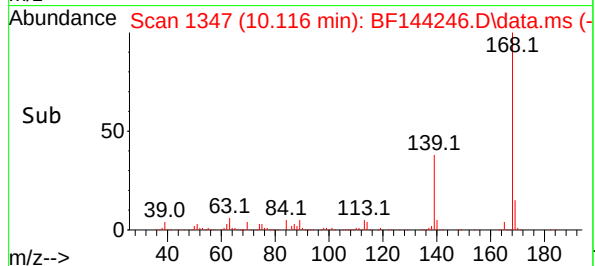
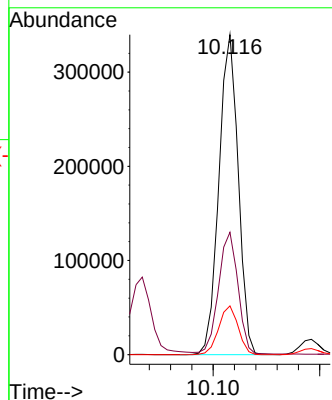
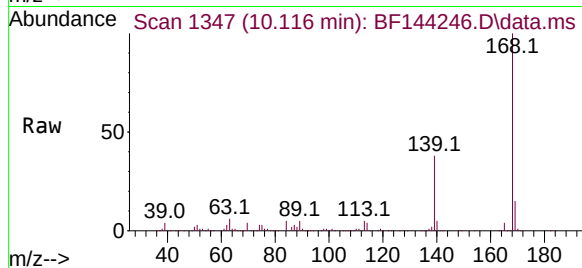
169 15.2 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#56

4-Nitrophenol

Concen: 80.874 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

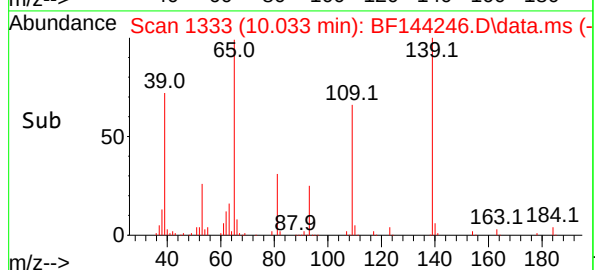
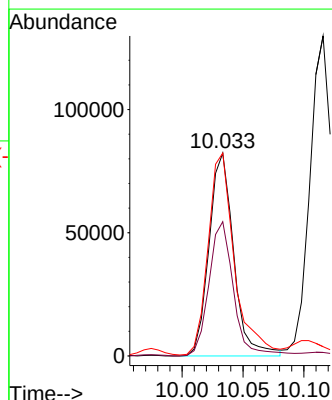
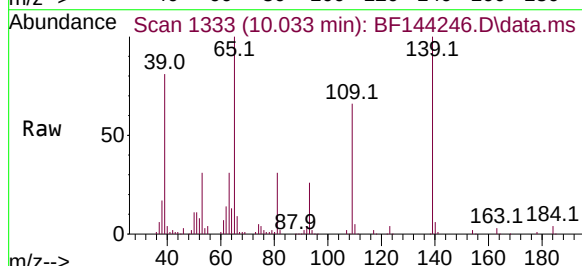
Tgt Ion:139 Resp: 115883

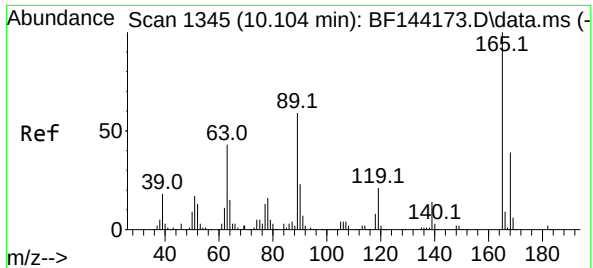
Ion Ratio Lower Upper

139 100

109 66.2 39.9 79.9

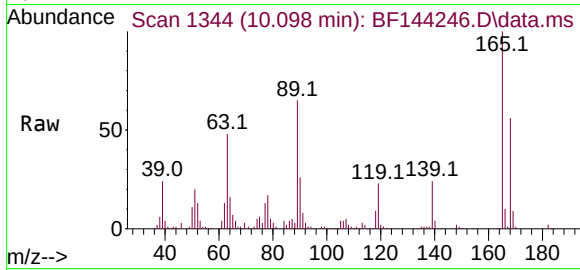
65 100.0 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 46.650 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

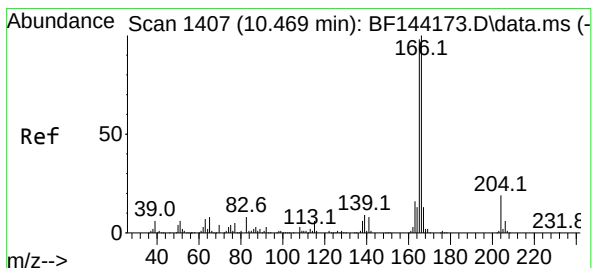
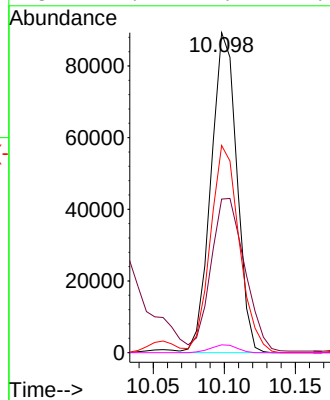
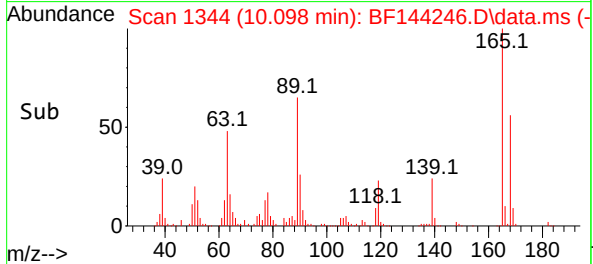
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



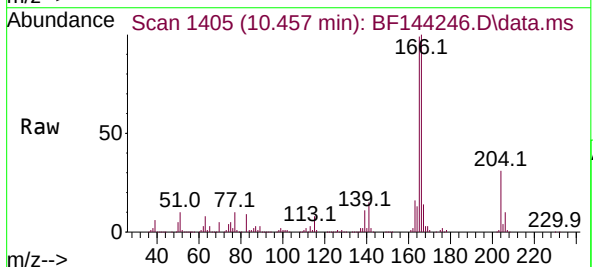
Tgt Ion:165 Resp: 113163
Ion Ratio Lower Upper
165 100
63 48.0 35.5 53.3
89 64.7 47.4 71.2
182 2.4 1.9 2.9

Manual Integrations
APPROVED

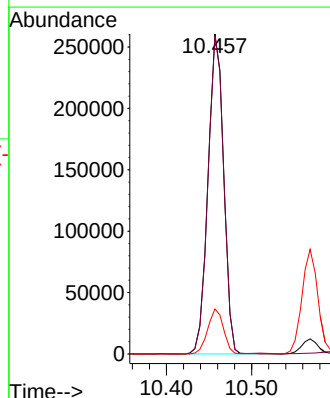
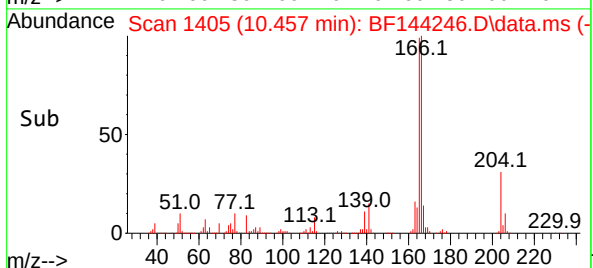
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

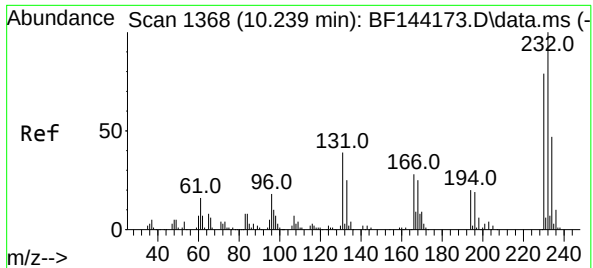


#58
Fluorene
Concen: 42.646 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



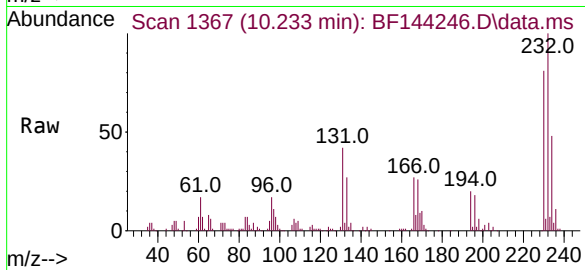
Tgt Ion:166 Resp: 332939
Ion Ratio Lower Upper
166 100
165 99.5 78.6 118.0
167 14.0 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.242 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

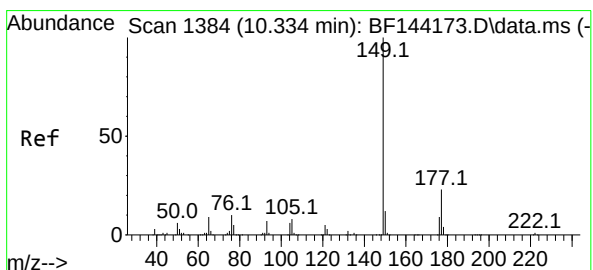
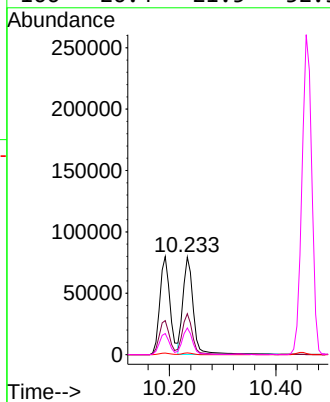
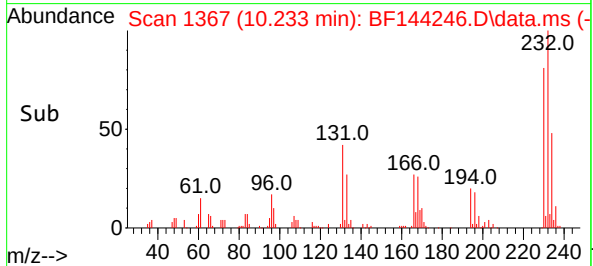
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:232 Resp: 106276
Ion Ratio Lower Upper
232 100
131 40.6 30.3 45.5
130 1.6 1.2 1.8
166 26.4 21.5 32.3

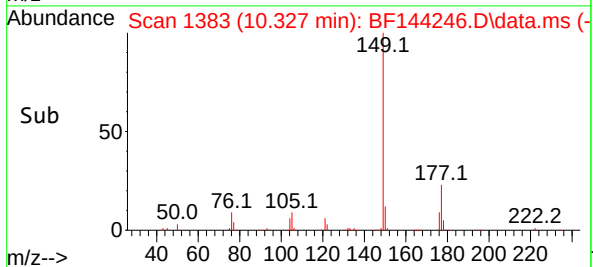
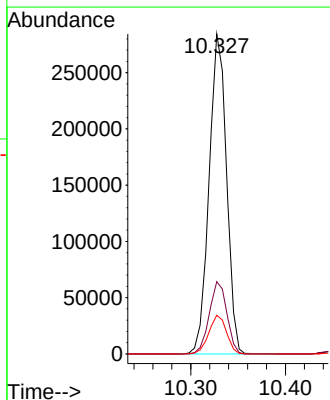
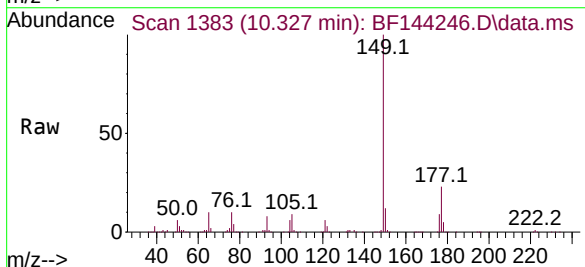
Manual Integrations
APPROVED

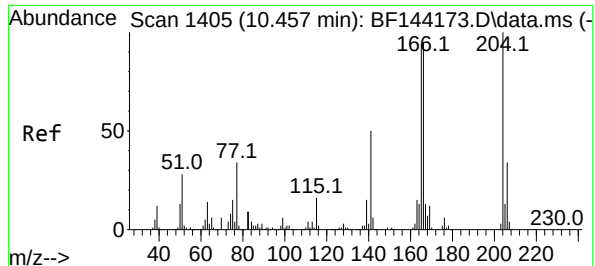
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#60
Diethylphthalate
Concen: 44.128 ng
RT: 10.327 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

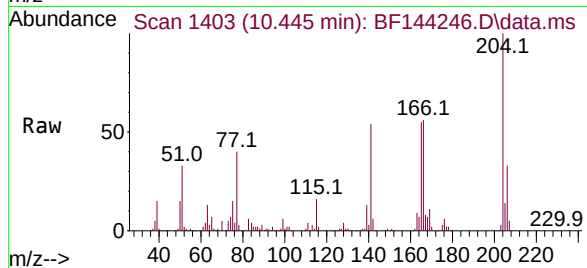
Tgt Ion:149 Resp: 364140
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 12.1 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 41.590 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

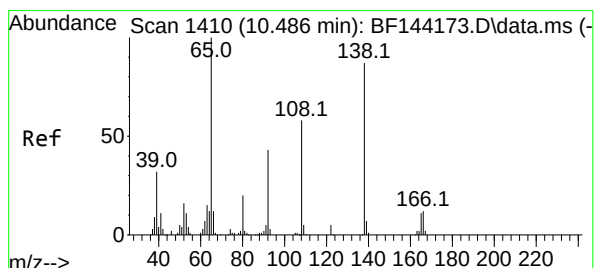
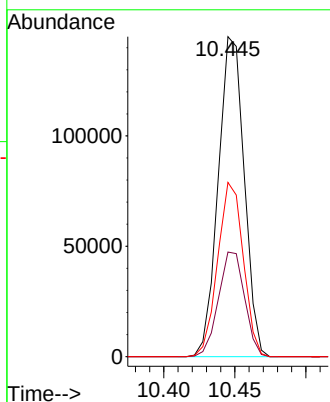
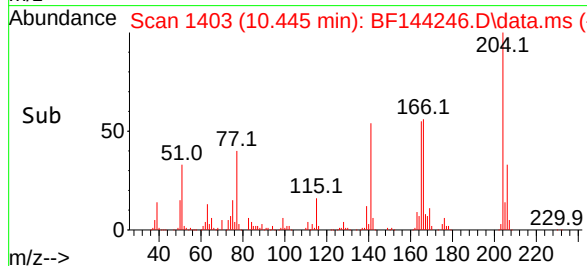
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:204 Resp: 184953
Ion Ratio Lower Upper
204 100
206 32.7 27.4 41.2
141 54.4 40.0 60.0

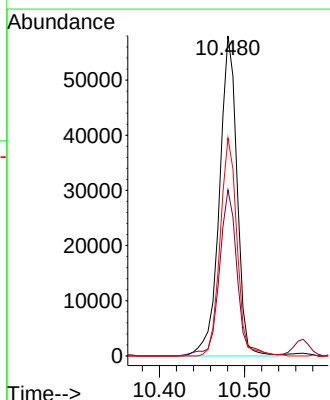
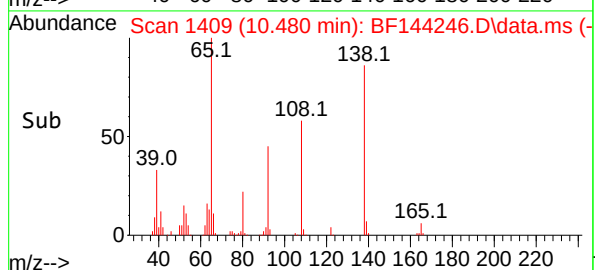
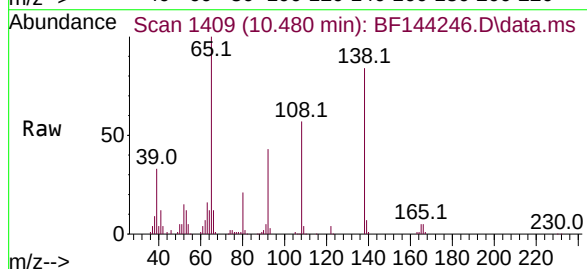
Manual Integrations
APPROVED

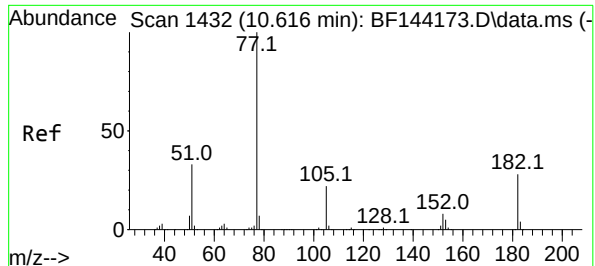
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#62
4-Nitroaniline
Concen: 44.089 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

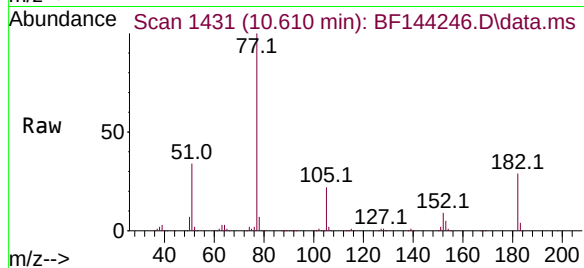
Tgt Ion:138 Resp: 83170
Ion Ratio Lower Upper
138 100
92 51.9 29.4 69.4
108 68.1 46.4 86.4





#63
Azobenzene
Concen: 46.361 ng
RT: 10.610 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

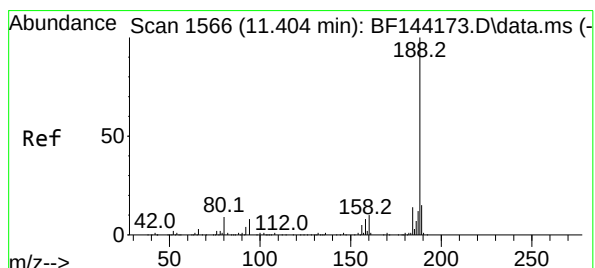
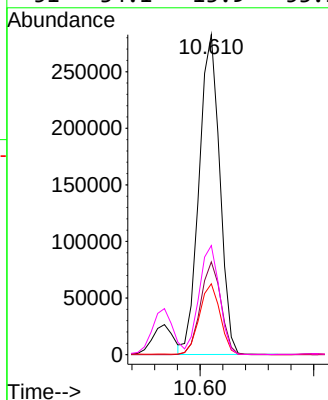
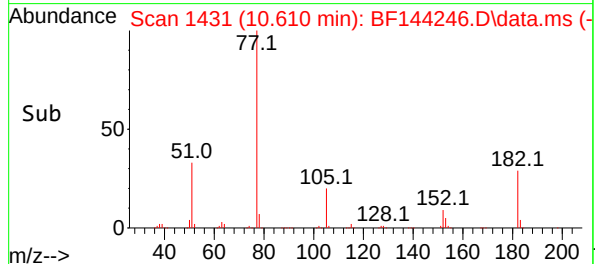
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



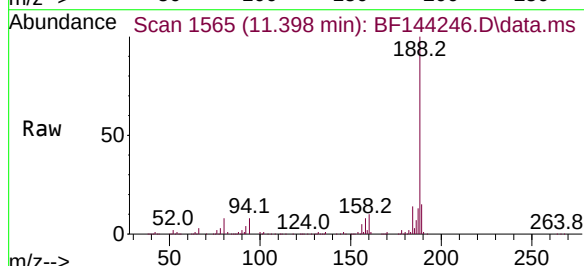
Tgt Ion: 77 Resp: 356045
Ion Ratio Lower Upper
77 100
182 29.0 8.1 48.1
105 22.1 2.0 42.0
51 34.1 13.9 53.9

Manual Integrations
APPROVED

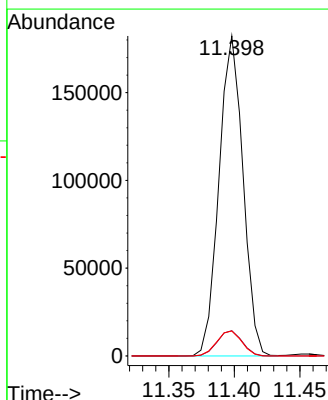
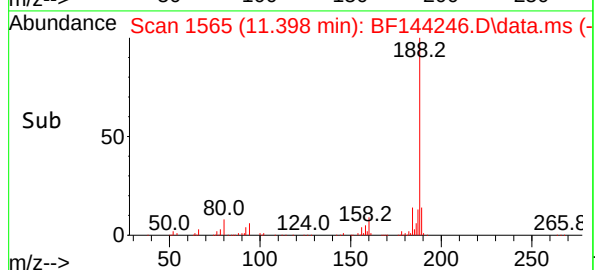
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

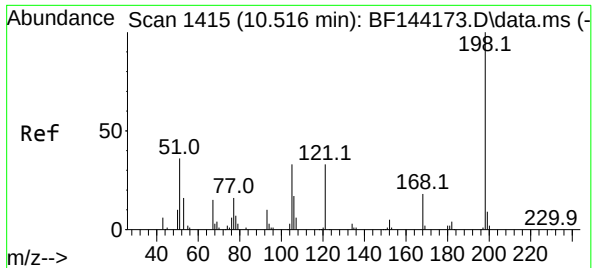


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24



Tgt Ion:188 Resp: 232588
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 7.8 6.9 10.3





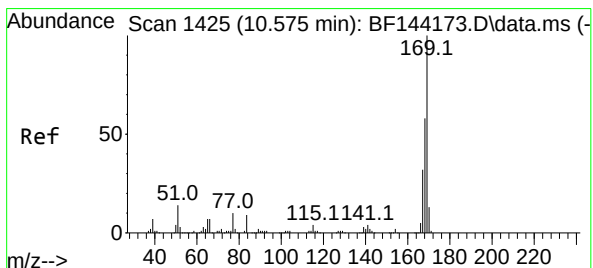
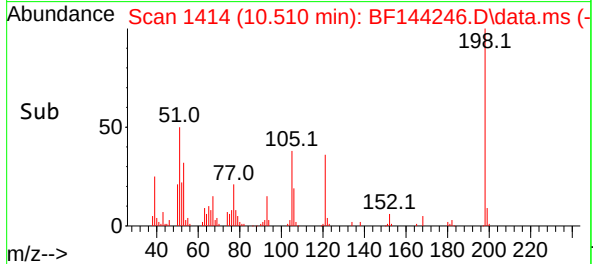
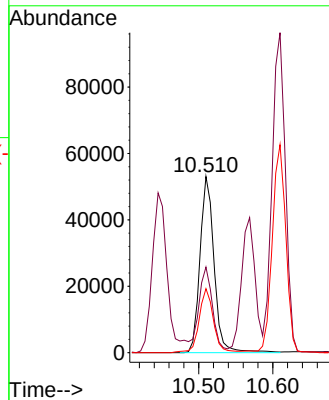
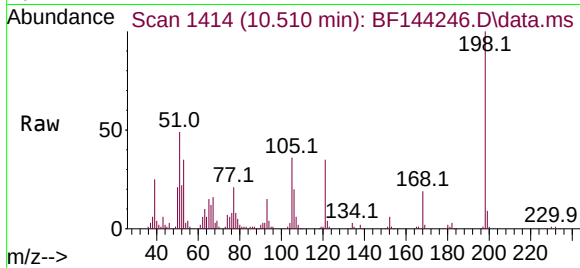
#65
4,6-Dinitro-2-methylphenol
Concen: 44.375 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Tgt Ion:198 Resp: 70115
Ion Ratio Lower Upper
198 100
51 48.6 25.6 65.6
105 36.3 14.6 54.6

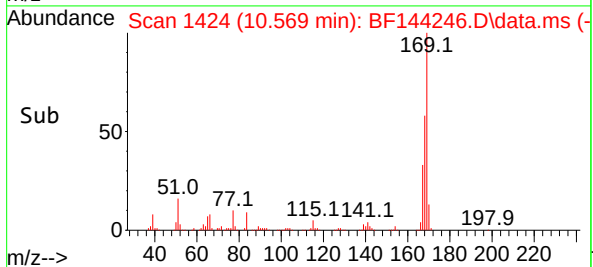
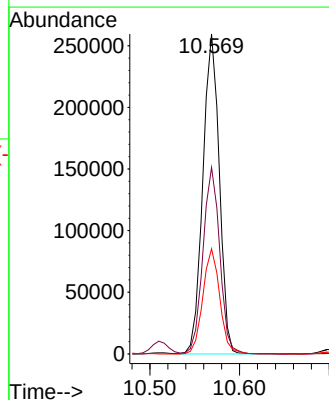
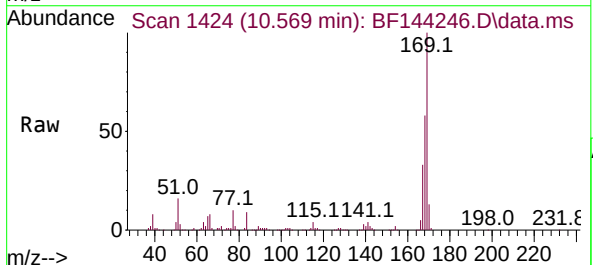
Manual Integrations
APPROVED

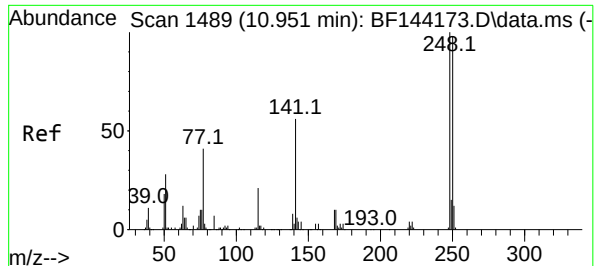
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#66
n-Nitrosodiphenylamine
Concen: 44.187 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

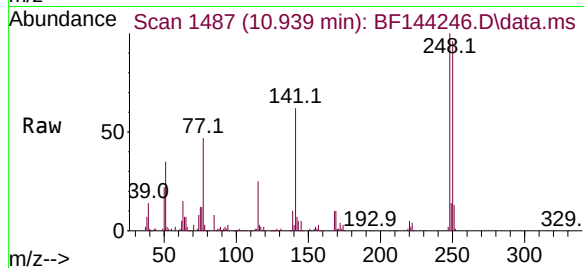
Tgt Ion:169 Resp: 330545
Ion Ratio Lower Upper
169 100
168 58.3 46.2 69.2
167 32.8 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 41.876 ng
RT: 10.939 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

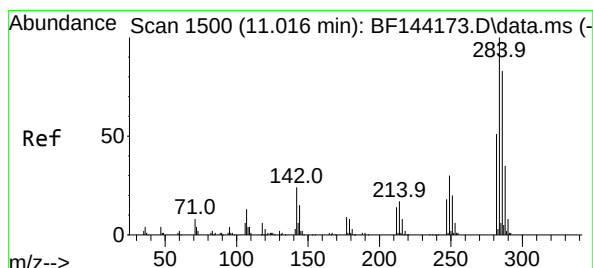
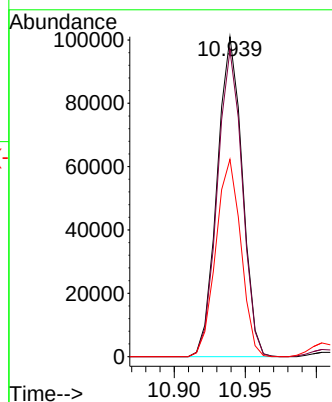
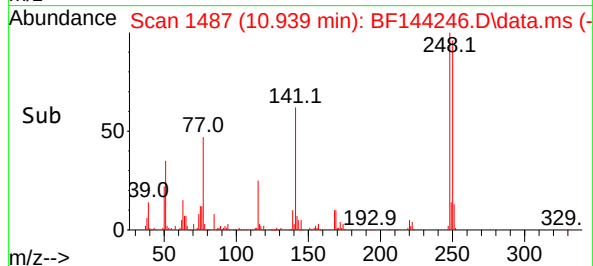
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:248 Resp: 124320
Ion Ratio Lower Upper
248 100
250 95.8 78.4 117.6
141 61.6 45.1 67.7

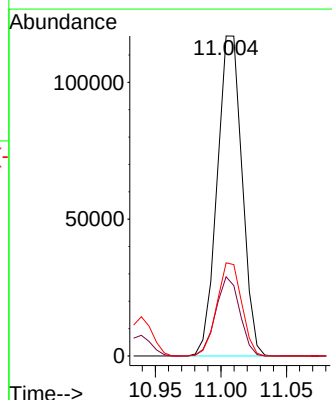
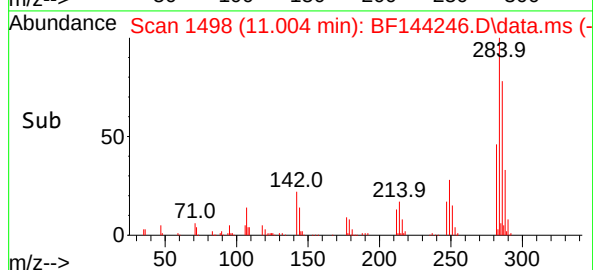
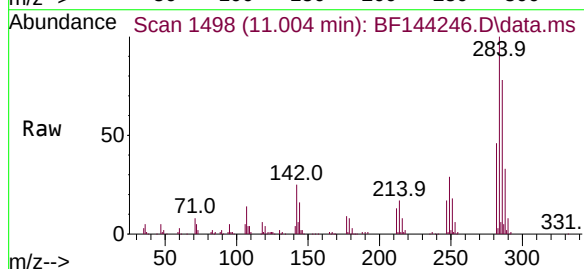
Manual Integrations
APPROVED

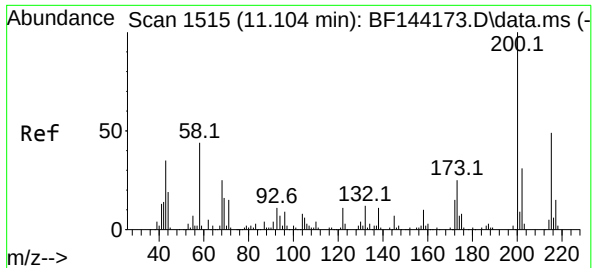
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#68
Hexachlorobenzene
Concen: 44.203 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Tgt Ion:284 Resp: 154570
Ion Ratio Lower Upper
284 100
142 24.7 19.2 28.8
249 29.1 23.8 35.8





#69

Atrazine

Concen: 45.004 ng

RT: 11.092 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:200 Resp: 107065

Ion Ratio Lower Upper

200 100

173 26.4 5.0 45.0

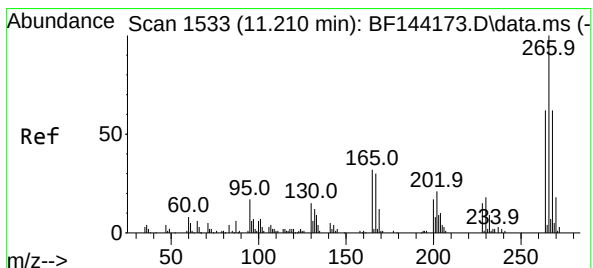
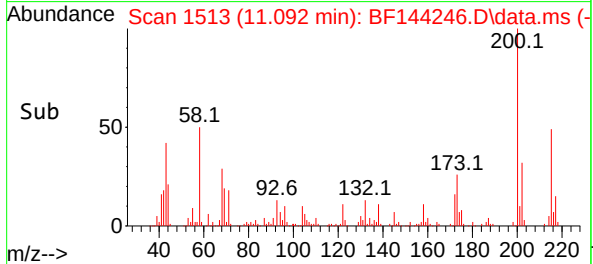
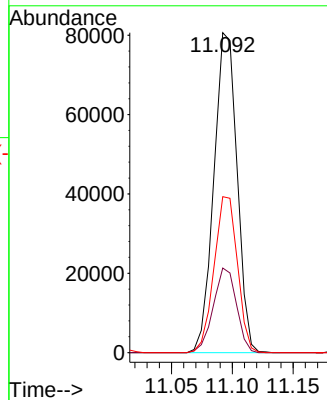
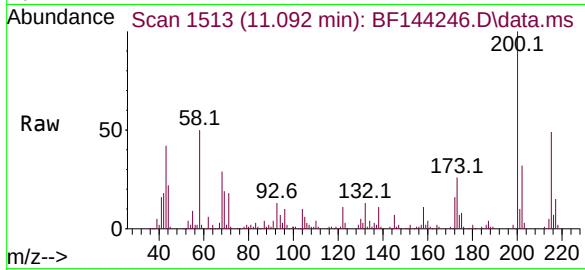
215 48.7 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#70

Pentachlorophenol

Concen: 81.143 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

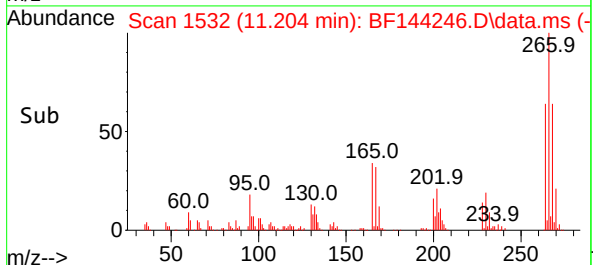
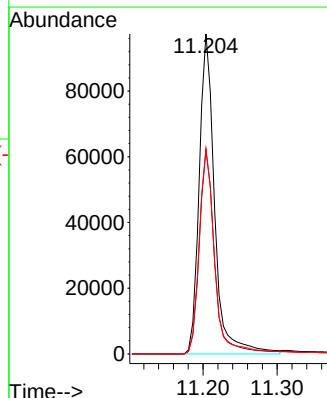
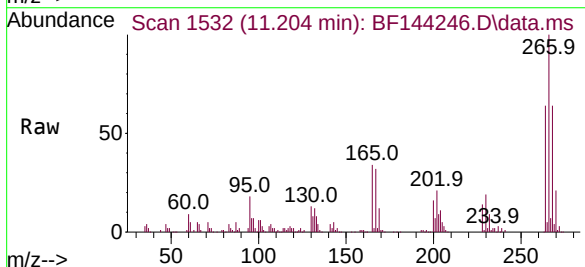
Tgt Ion:266 Resp: 141293

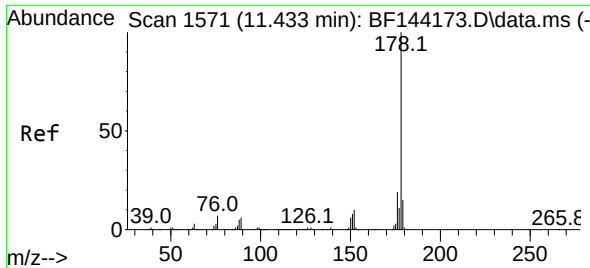
Ion Ratio Lower Upper

266 100

268 63.7 49.5 74.3

264 64.1 49.4 74.2





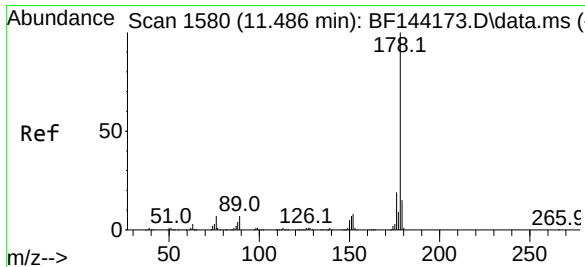
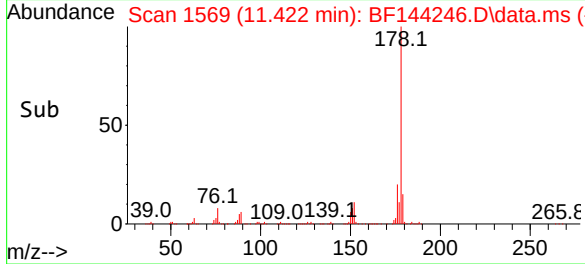
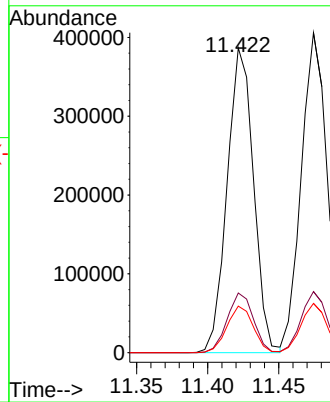
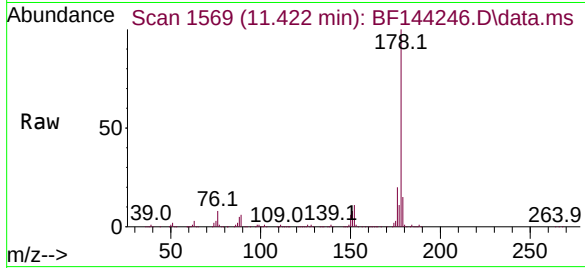
#71
Phenanthrene
Concen: 43.135 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
PB170473BSD

Tgt Ion:178 Resp: 499513
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.3 12.2 18.4

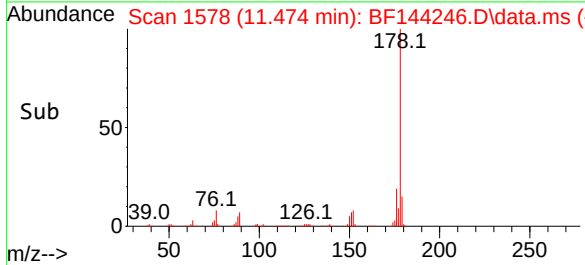
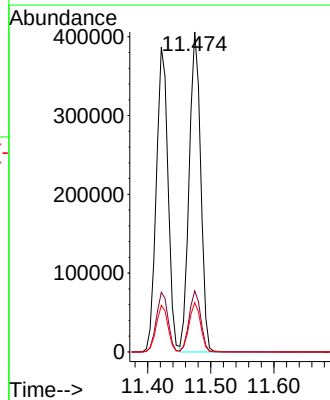
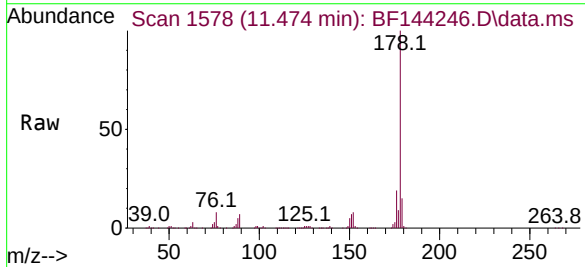
Manual Integrations
APPROVED

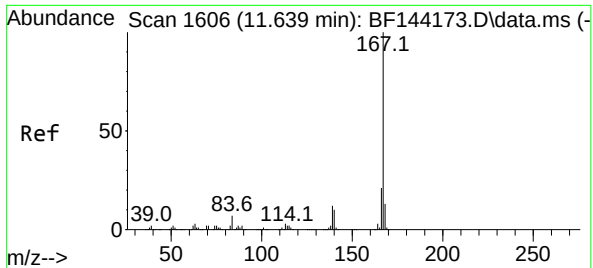
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#72
Anthracene
Concen: 43.453 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

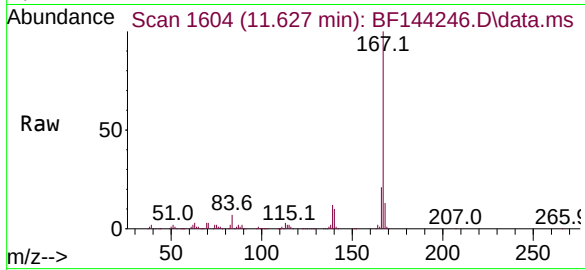
Tgt Ion:178 Resp: 511664
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.0 18.0





#73
 Carbazole
 Concen: 43.033 ng
 RT: 11.627 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BF144246.D
 Acq: 13 Nov 2025 16:24

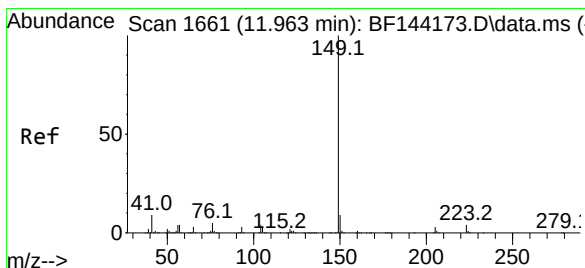
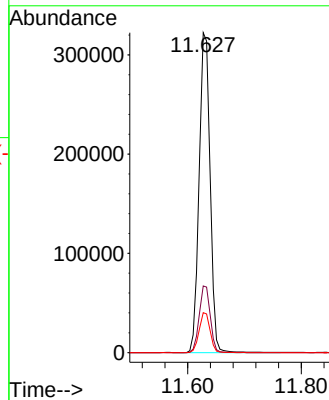
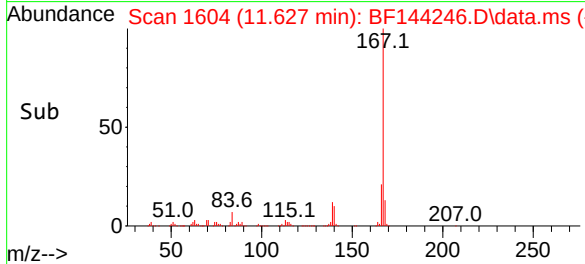
Instrument :
 BNA_F
 ClientSampleId :
 PB170473BSD



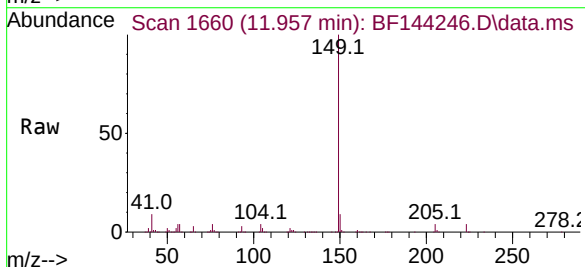
Tgt Ion:167 Resp: 430878
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.2 25.8
 139 12.5 9.9 14.9

Manual Integrations
 APPROVED

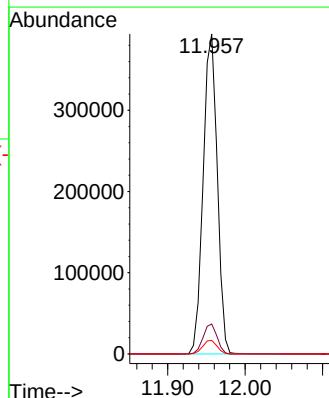
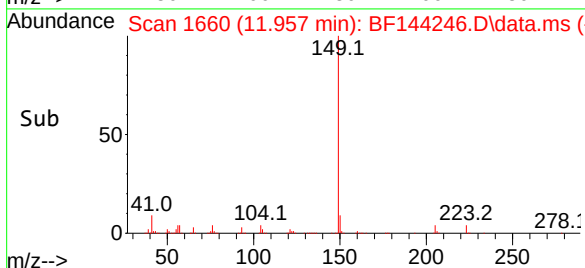
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

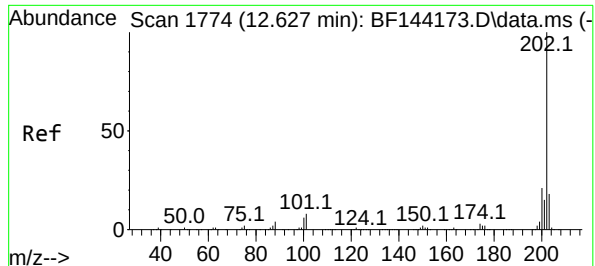


#74
 Di-n-butylphthalate
 Concen: 41.021 ng
 RT: 11.957 min Scan# 1660
 Delta R.T. -0.006 min
 Lab File: BF144246.D
 Acq: 13 Nov 2025 16:24



Tgt Ion:149 Resp: 496536
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.2 3.4 5.2





#75

Fluoranthene

Concen: 40.755 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:202 Resp: 487529

Ion Ratio Lower Upper

202 100

101 8.1 0.0 27.9

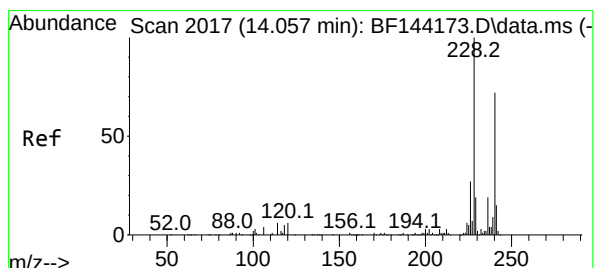
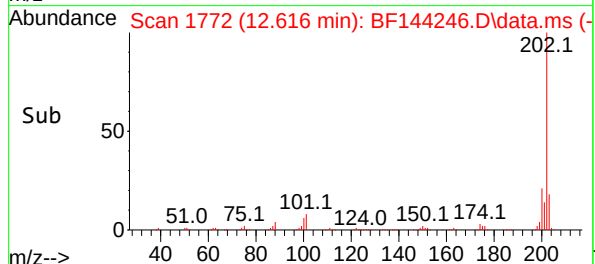
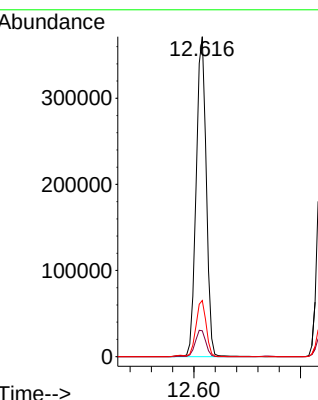
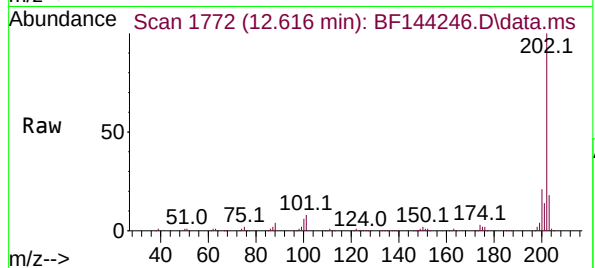
203 17.5 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

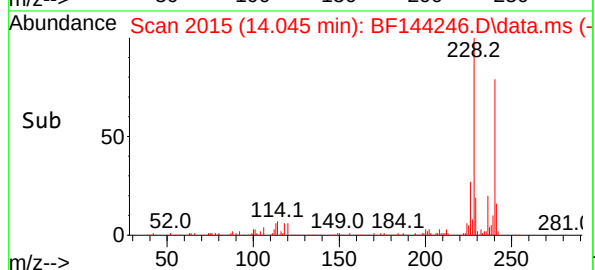
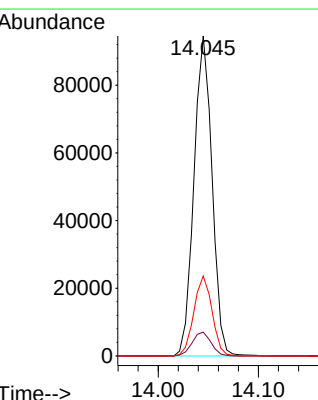
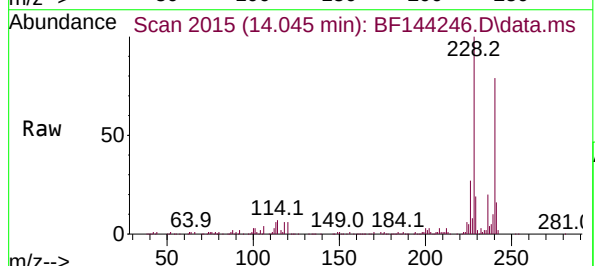
Tgt Ion:240 Resp: 118249

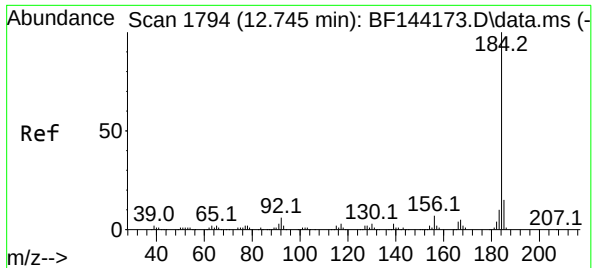
Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

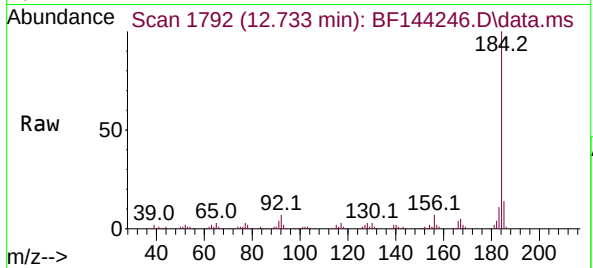
236 25.0 21.4 32.2





#77
Benzidine
Concen: 41.580 ng
RT: 12.733 min Scan# 1792
Delta R.T. -0.018 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

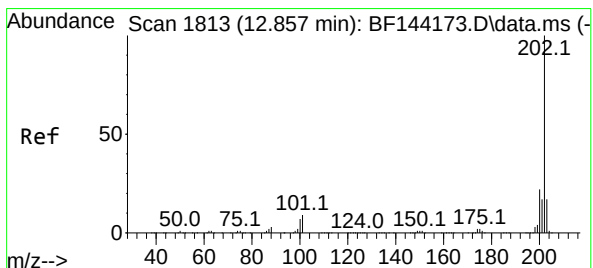
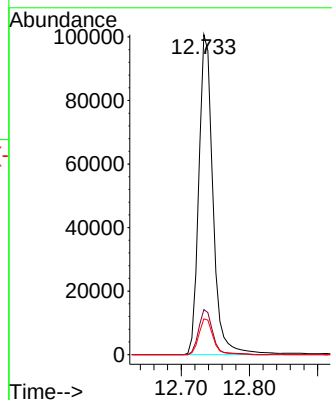
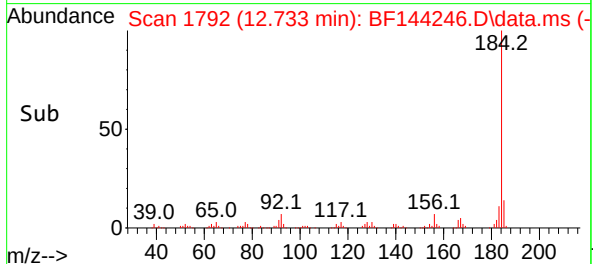
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:184 Resp: 145434
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 11.2 8.3 12.5

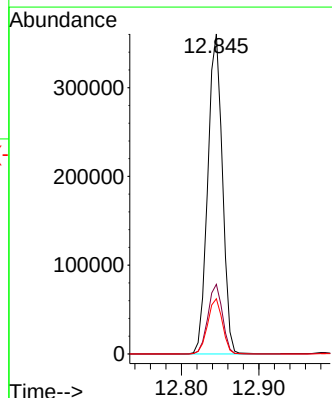
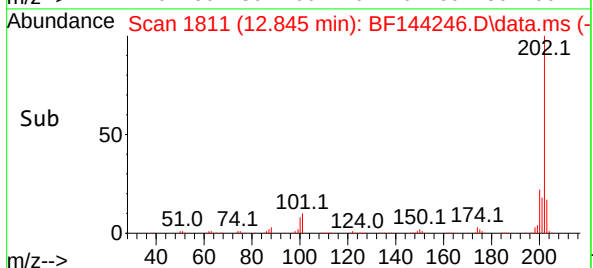
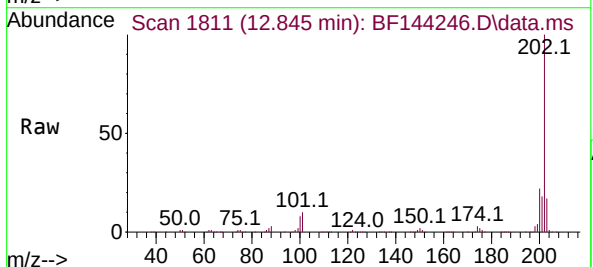
Manual Integrations
APPROVED

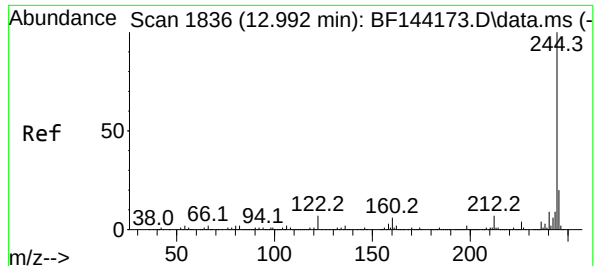
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#78
Pyrene
Concen: 49.446 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Tgt Ion:202 Resp: 471436
Ion Ratio Lower Upper
202 100
200 21.7 17.2 25.8
203 17.2 13.7 20.5





#79

Terphenyl-d14

Concen: 94.133 ng

RT: 12.986 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF144246.D

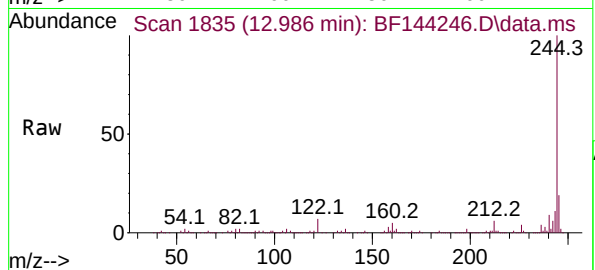
Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD



Tgt Ion:244 Resp: 70077

Ion Ratio Lower Upper

244 100

212 6.2 5.3 7.9

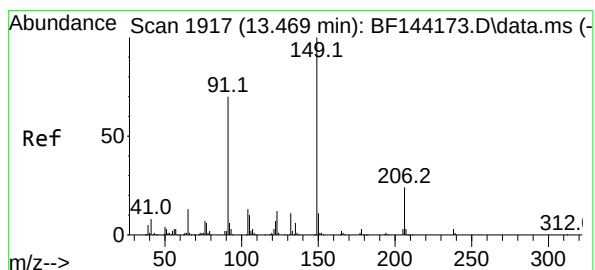
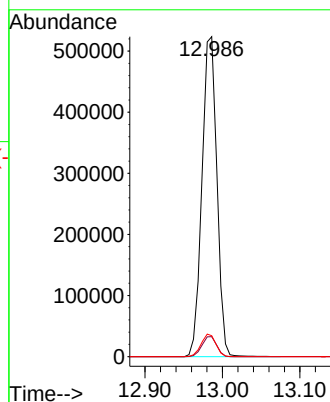
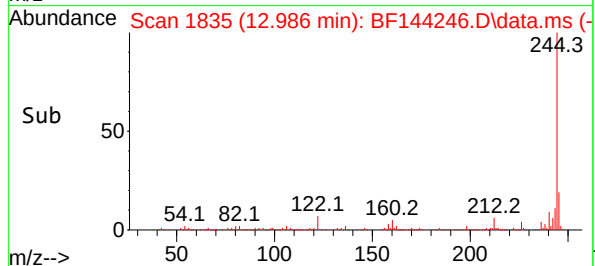
122 6.5 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#80

Butylbenzylphthalate

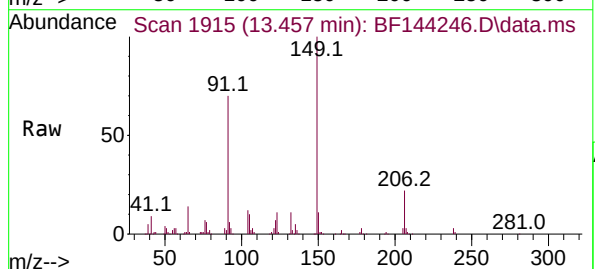
Concen: 43.887 ng

RT: 13.457 min Scan# 1915

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24



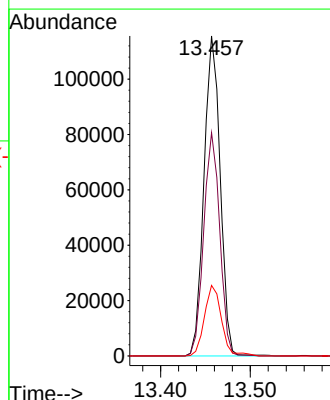
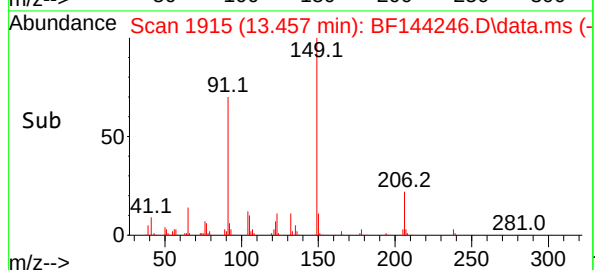
Tgt Ion:149 Resp: 145023

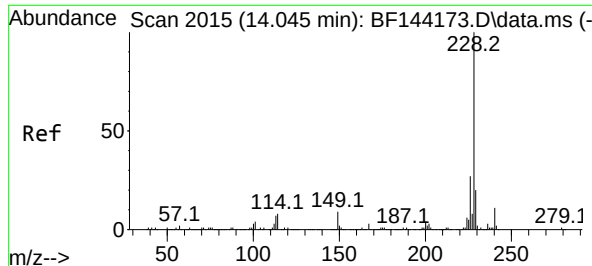
Ion Ratio Lower Upper

149 100

91 69.7 56.1 84.1

206 22.0 18.8 28.2





#81

Benzo(a)anthracene

Concen: 44.472 ng

RT: 14.033 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF144246.D

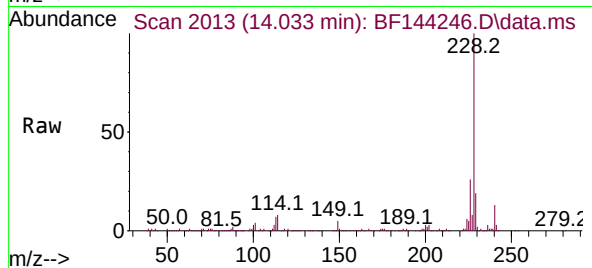
Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD



Tgt Ion:228 Resp: 364470

Ion Ratio Lower Upper

228 100

226 26.4 21.8 32.8

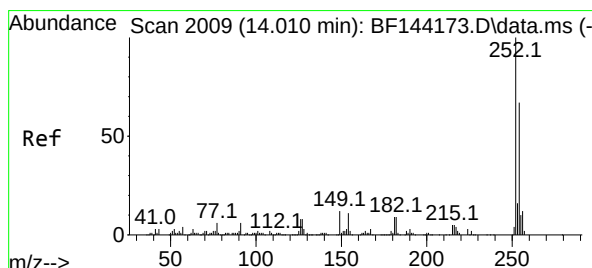
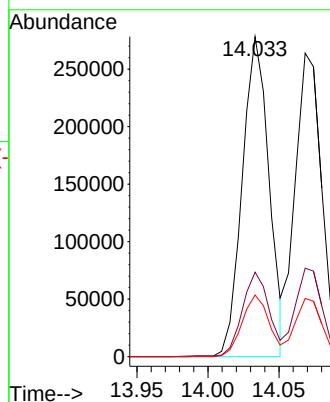
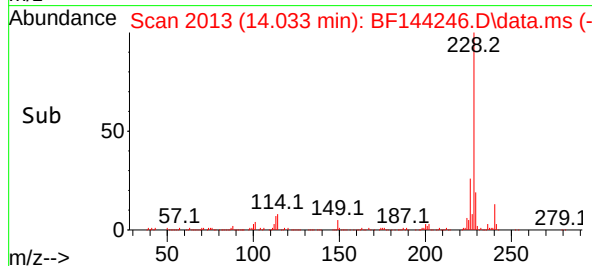
229 19.2 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#82

3,3'-Dichlorobenzidine

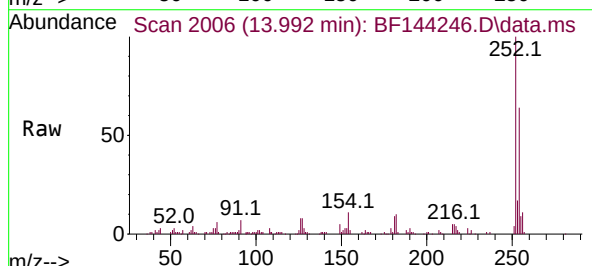
Concen: 22.487 ng

RT: 13.992 min Scan# 2006

Delta R.T. -0.018 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24



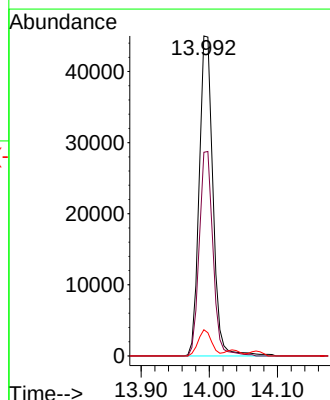
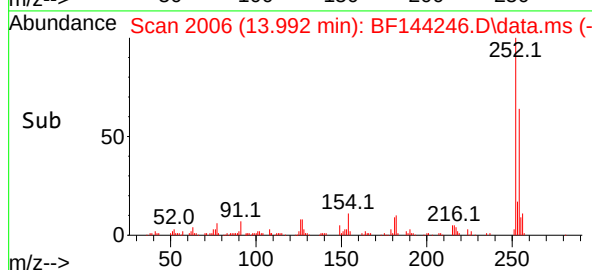
Tgt Ion:252 Resp: 63171

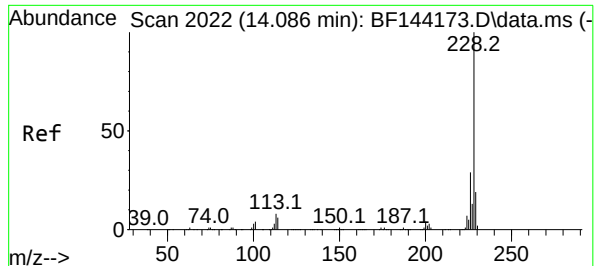
Ion Ratio Lower Upper

252 100

254 63.6 53.5 80.3

126 8.2 6.4 9.6





#83

Chrysene

Concen: 45.686 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144246.D

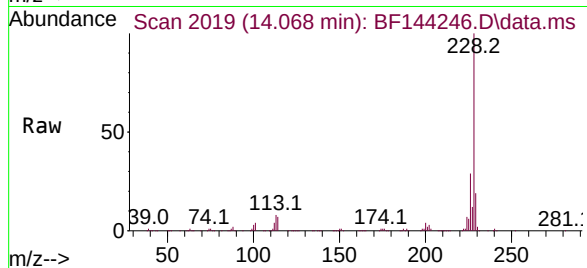
Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD



Tgt Ion:228 Resp: 345638

Ion Ratio Lower Upper

228 100

226 29.1 22.9 34.3

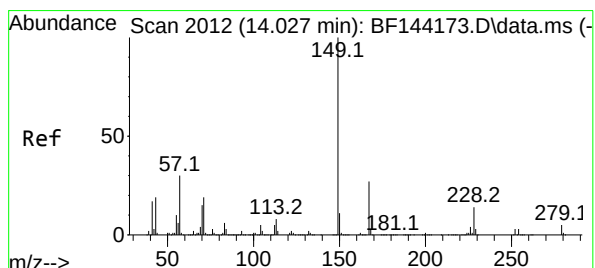
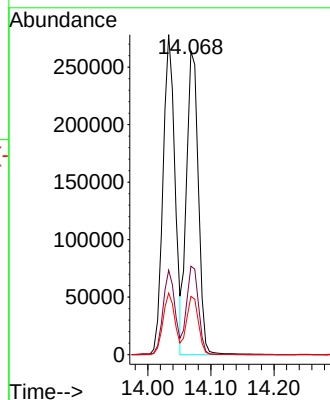
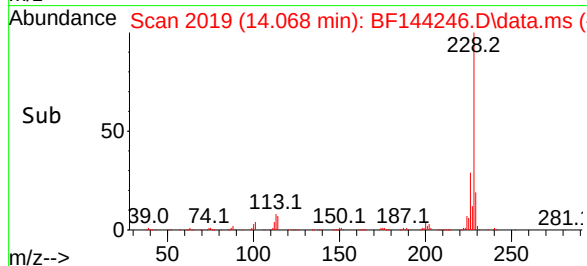
229 19.2 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#84

Bis(2-ethylhexyl)phthalate

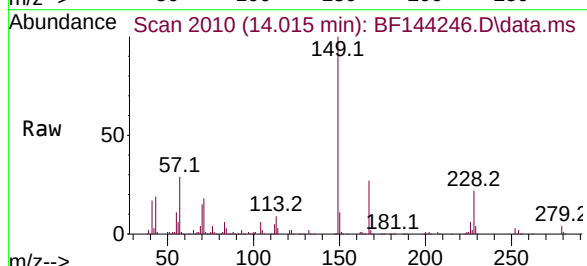
Concen: 38.481 ng

RT: 14.015 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24



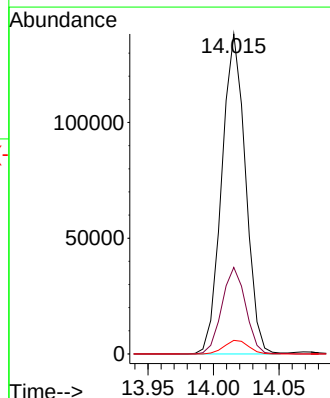
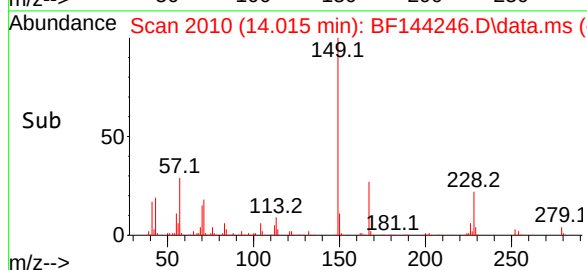
Tgt Ion:149 Resp: 174072

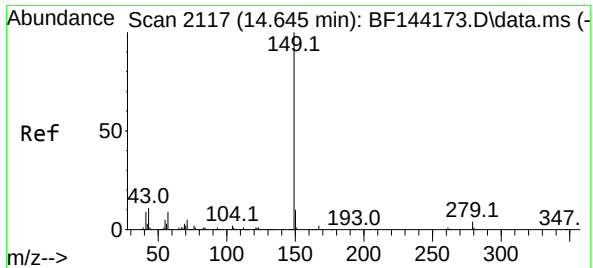
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.8

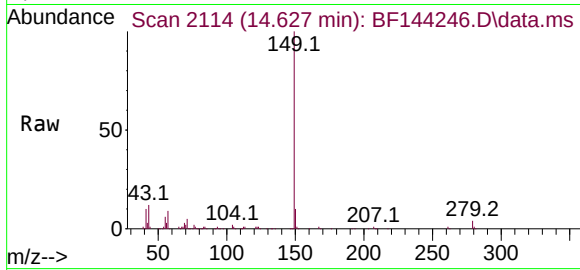
279 4.2 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 40.981 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

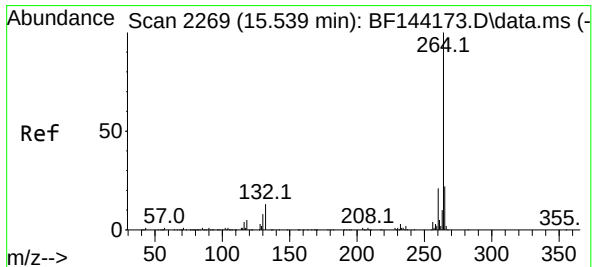
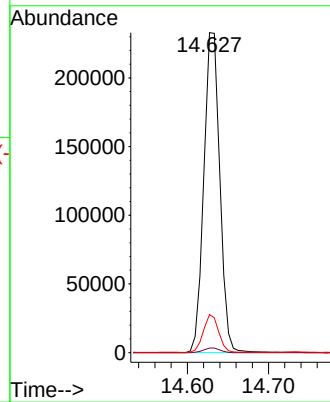
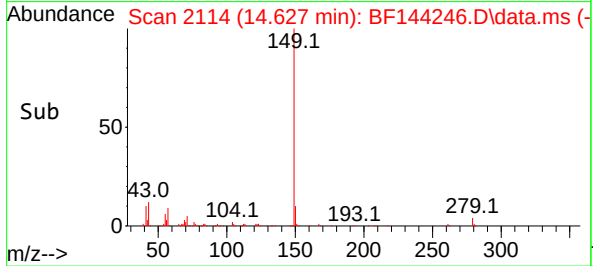
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:149 Resp: 319844
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.2 9.0 13.4

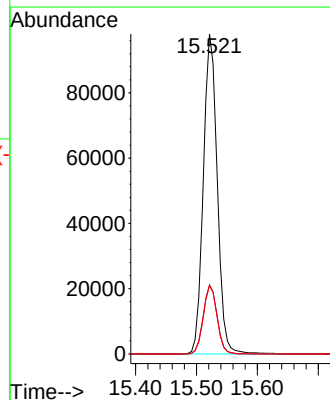
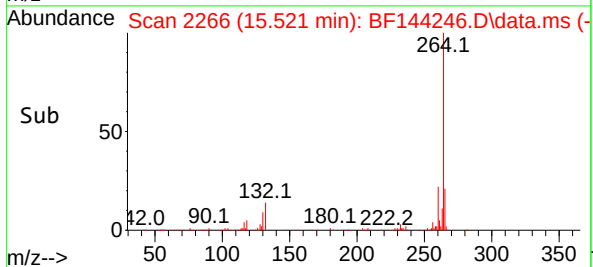
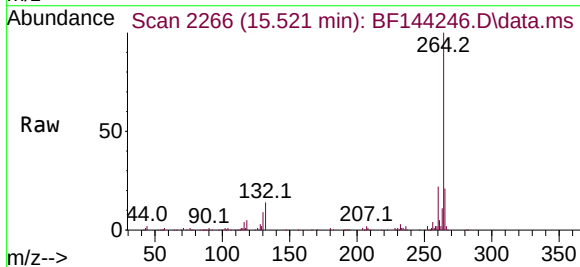
Manual Integrations
APPROVED

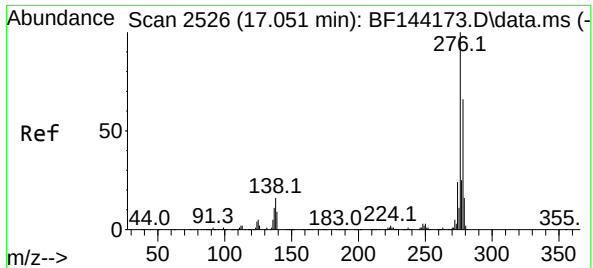
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Tgt Ion:264 Resp: 155276
Ion Ratio Lower Upper
264 100
260 21.6 17.1 25.7
265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.731 ng

RT: 17.027 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:276 Resp: 509733

Ion Ratio Lower Upper

276 100

138 17.3 13.9 20.9

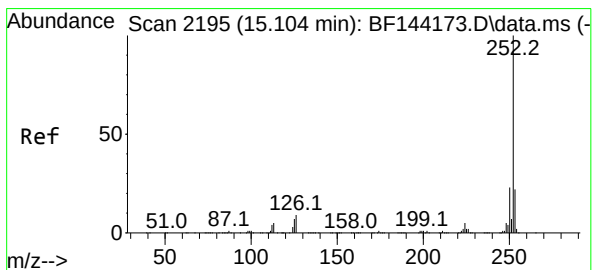
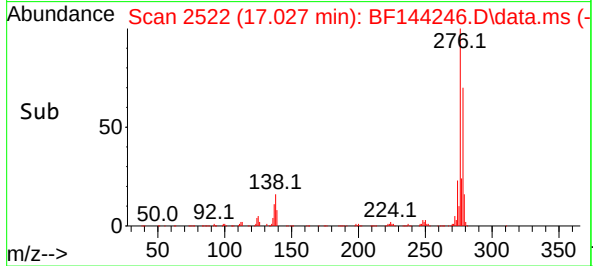
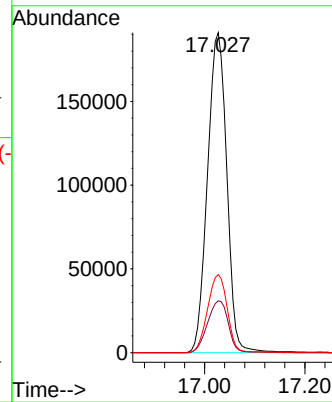
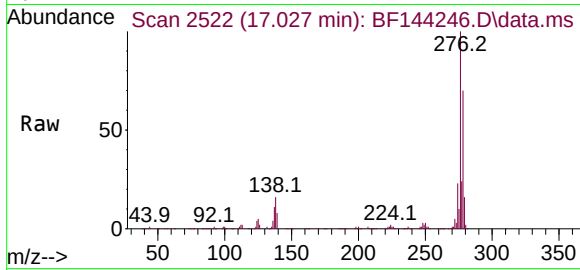
277 24.9 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#88

Benzo(b)fluoranthene

Concen: 42.579 ng

RT: 15.092 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

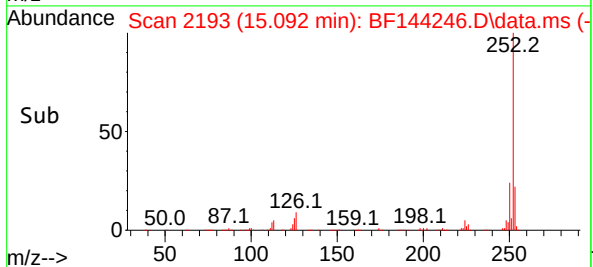
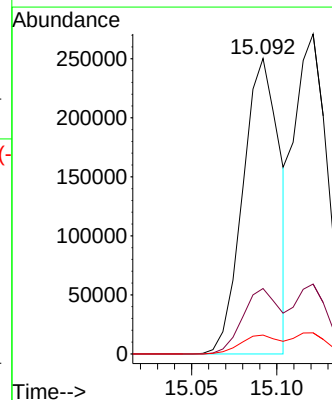
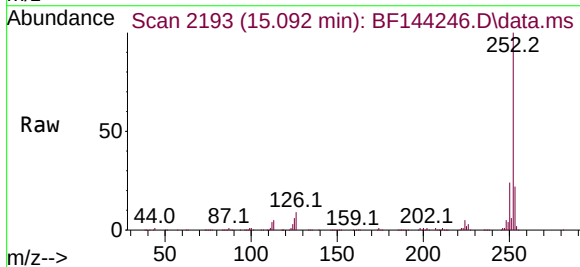
Tgt Ion:252 Resp: 375877

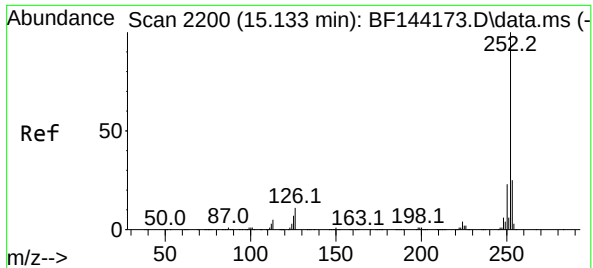
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 6.4 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 45.001 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

Instrument :

BNA_F

ClientSampleId :

PB170473BSD

Tgt Ion:252 Resp: 371832

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

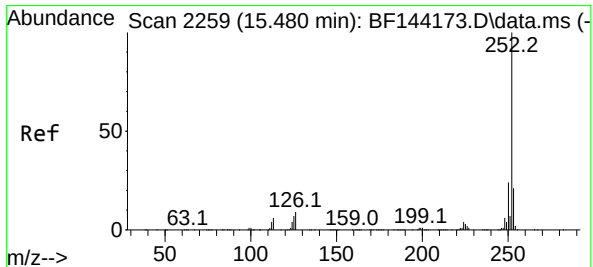
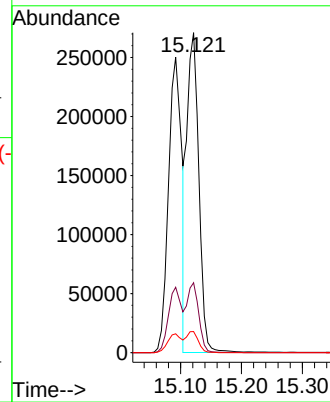
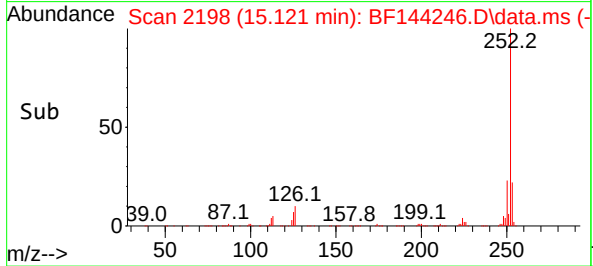
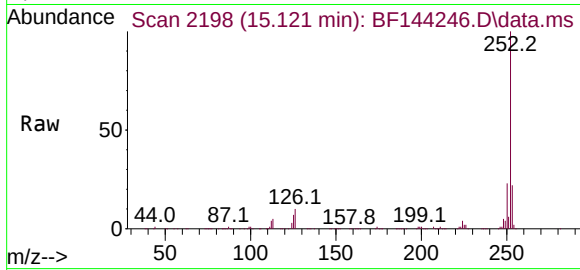
125 6.6 5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#90

Benzo(a)pyrene

Concen: 47.131 ng

RT: 15.462 min Scan# 2256

Delta R.T. -0.012 min

Lab File: BF144246.D

Acq: 13 Nov 2025 16:24

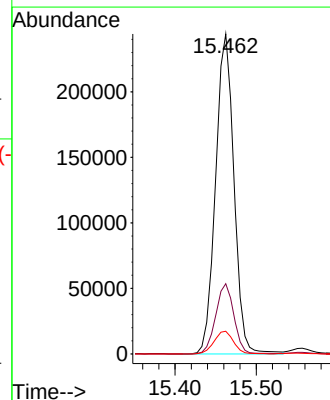
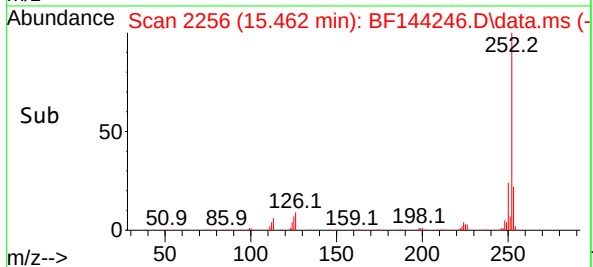
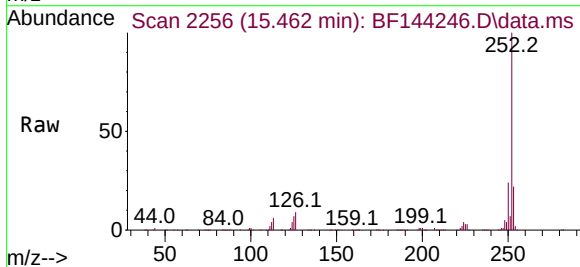
Tgt Ion:252 Resp: 383834

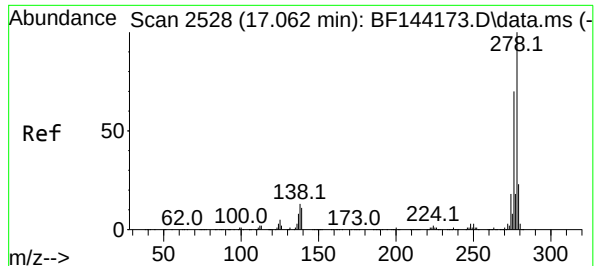
Ion Ratio Lower Upper

252 100

253 21.9 16.7 25.1

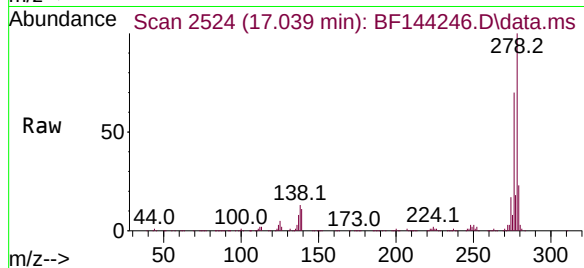
125 7.1 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 45.888 ng
RT: 17.039 min Scan# 2528
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

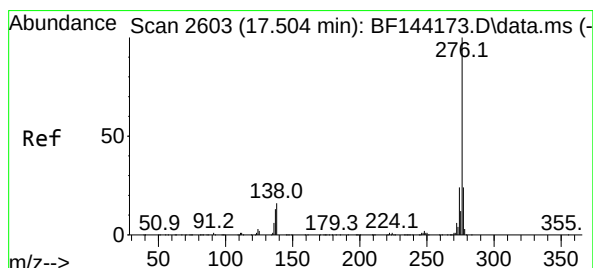
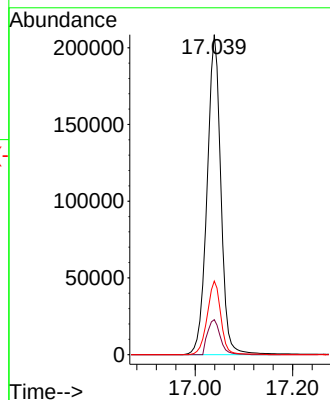
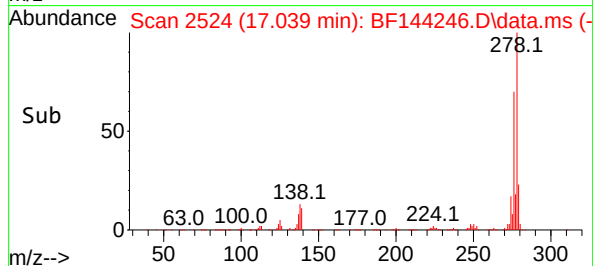
Instrument :
BNA_F
ClientSampleId :
PB170473BSD



Tgt Ion:278 Resp: 410772
Ion Ratio Lower Upper
278 100
139 10.9 9.1 13.7
279 23.0 18.2 27.4

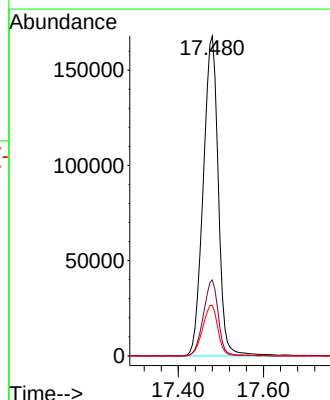
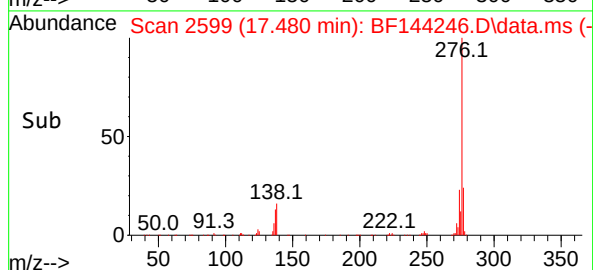
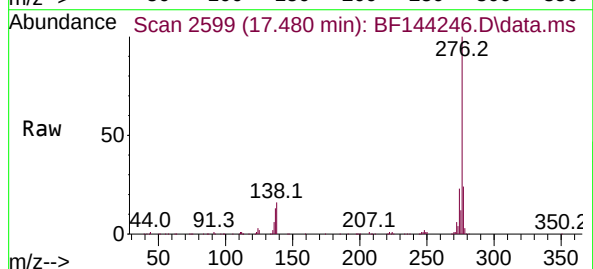
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#92
Benzo(g,h,i)perylene
Concen: 46.606 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF144246.D
Acq: 13 Nov 2025 16:24

Tgt Ion:276 Resp: 411997
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 15.8 12.9 19.3



Manual Integration Report

Sequence:

BF110525

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF144170.D	Benzo(b)fluoranthene	rahul	11/6/2025 8:43:08 AM	Jagrut	11/6/2025 10:21:01 AM	Peak Integrated by Software
SSTDICV040	BF144177.D	Benzoic acid	rahul	11/6/2025 8:43:11 AM	Jagrut	11/6/2025 10:21:04 AM	Peak Integrated by Software



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:

BF111125

Instrument

BNA_f

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	Bf111325	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170473BS	BF144245.D	Caprolactam	Jagrut	11/14/2025 11:02:28 AM	Sohil	11/14/2025 12:25:32 PM	Peak Integrated by Software
PB170473BSD	BF144246.D	Caprolactam	Jagrut	11/14/2025 11:02:30 AM	Sohil	11/14/2025 12:25:34 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	BP102925	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BP026030.D	Benzaldehyde	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC010	BP026030.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:02 AM	Jagrut	11/4/2025 3:52:40 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Benzaldehyde	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC020	BP026031.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:04 AM	Jagrut	11/4/2025 3:52:42 PM	Peak Integrated by Software
SSTDICC050	BP026033.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:07 AM	Jagrut	11/4/2025 3:52:45 PM	Peak Integrated by Software
SSTDICC080	BP026035.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 8:52:09 AM	Jagrut	11/4/2025 3:52:47 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Benzaldehyde	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software
SSTDICV040	BP026036.D	Indeno(1,2,3-cd)pyrene	rahul	10/30/2025 4:44:10 PM	Jagrut	11/4/2025 3:52:50 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

BP111125

Instrument

BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP026090.D	Acenaphthene	rahul	11/12/2025 9:19:43 AM	Jagrut	11/12/2025 11:21:52 AM	Peak Integrated by Software
SSTDCCC040	BP026090.D	Indeno(1,2,3-cd)pyrene	rahul	11/12/2025 9:19:43 AM	Jagrut	11/12/2025 11:21:52 AM	Peak Integrated by Software

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM
SubDirectory	BF110525	HP Acquire Method	BNA_F
		HP Processing Method	BF110525
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13181,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144168.D	05 Nov 2025 12:21	RC/JU	Ok
2	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50	RC/JU	Ok
3	SSTDICC005	BF144170.D	05 Nov 2025 13:20	RC/JU	Ok,M
4	SSTDICC010	BF144171.D	05 Nov 2025 13:50	RC/JU	Ok
5	SSTDICC020	BF144172.D	05 Nov 2025 14:20	RC/JU	Ok
6	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	RC/JU	Ok
7	SSTDICC050	BF144174.D	05 Nov 2025 15:49	RC/JU	Ok
8	SSTDICC060	BF144175.D	05 Nov 2025 16:19	RC/JU	Ok
9	SSTDICC080	BF144176.D	05 Nov 2025 16:49	RC/JU	Ok
10	SSTDICV040	BF144177.D	05 Nov 2025 17:21	RC/JU	Ok,M
11	PB170372BL	BF144178.D	05 Nov 2025 18:10	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM
SubDirectory	BF111125	HP Acquire Method	BNA_F
		HP Processing Method	BF110525
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13182,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144197.D	11 Nov 2025 09:40	RC/JU	Ok
2	SSTDCCC040	BF144198.D	11 Nov 2025 10:09	RC/JU	Ok
3	PB170478BL	BF144199.D	11 Nov 2025 13:07	RC/JU	Ok
4	PB170478BS	BF144200.D	11 Nov 2025 13:36	RC/JU	Ok,M
5	Q3586-01	BF144201.D	11 Nov 2025 14:09	RC/JU	Ok
6	Q3584-05	BF144202.D	11 Nov 2025 14:39	RC/JU	Ok
7	Q3584-02	BF144203.D	11 Nov 2025 15:09	RC/JU	Ok
8	Q3584-03	BF144204.D	11 Nov 2025 15:38	RC/JU	Ok
9	Q3584-04	BF144205.D	11 Nov 2025 16:07	RC/JU	Ok
10	DFTPP	BF144206.D	11 Nov 2025 17:03	RC/JU	Ok
11	SSTDCCC040	BF144207.D	11 Nov 2025 17:33	RC/JU	Ok
12	PB170462TB	BF144208.D	11 Nov 2025 18:02	RC/JU	Ok
13	Q3581-01	BF144209.D	11 Nov 2025 18:31	RC/JU	Ok
14	Q3581-03	BF144210.D	11 Nov 2025 19:01	RC/JU	Ok,M
15	Q3592-01	BF144211.D	11 Nov 2025 19:30	RC/JU	Ok
16	Q3590-05	BF144212.D	11 Nov 2025 20:00	RC/JU	Ok
17	Q3598-02	BF144213.D	11 Nov 2025 20:29	RC/JU	Ok
18	Q3599-02	BF144214.D	11 Nov 2025 20:58	RC/JU	Ok
19	Q3601-04	BF144215.D	11 Nov 2025 21:28	RC/JU	Ok
20	Q3601-08	BF144216.D	11 Nov 2025 21:57	RC/JU	Ok
21	Q3581-05	BF144217.D	11 Nov 2025 22:27	RC/JU	Ok,M

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM
SubDirectory	BF111125	HP Acquire Method	BNA_F
		HP Processing Method	BF110525
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13182,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q3581-07	BF144218.D	11 Nov 2025 22:57	RC/JU	Ok,M
23	Q3593-08	BF144219.D	11 Nov 2025 23:27	RC/JU	Ok,M
24	Q3593-10	BF144220.D	11 Nov 2025 23:56	RC/JU	Ok,M
25	Q3588-01	BF144221.D	12 Nov 2025 00:26	RC/JU	Ok,M
26	Q3588-03	BF144222.D	12 Nov 2025 00:56	RC/JU	Ok,M
27	Q3590-01	BF144223.D	12 Nov 2025 01:25	RC/JU	Ok,M
28	Q3590-03	BF144224.D	12 Nov 2025 01:54	RC/JU	Ok
29	Q3587-01	BF144225.D	12 Nov 2025 02:23	RC/JU	Ok
30	Q3582-04	BF144226.D	12 Nov 2025 02:52	RC/JU	Ok,M
31	Q3593-04	BF144227.D	12 Nov 2025 03:22	RC/JU	Ok
32	Q3593-06	BF144228.D	12 Nov 2025 03:52	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF111325

Review By	Jagrut	Review On	11/14/2025 11:02:51 AM
Supervise By	Sohil	Supervise On	11/14/2025 12:25:49 PM
SubDirectory	BF111325	HP Acquire Method	BNA_F
		HP Processing Method	BF110525
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13182,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144242.D	13 Nov 2025 14:26	RC/JU	Ok
2	SSTDCCC040	BF144243.D	13 Nov 2025 14:56	RC/JU	Ok
3	PB170473BL	BF144244.D	13 Nov 2025 15:25	RC/JU	Ok
4	PB170473BS	BF144245.D	13 Nov 2025 15:55	RC/JU	Ok,M
5	PB170473BSD	BF144246.D	13 Nov 2025 16:24	RC/JU	Ok,M
6	Q3574-01	BF144247.D	13 Nov 2025 16:54	RC/JU	Ok
7	Q3609-03	BF144248.D	13 Nov 2025 17:24	RC/JU	Ok
8	Q3609-03MS	BF144249.D	13 Nov 2025 17:54	RC/JU	Ok,M
9	Q3609-03MSD	BF144250.D	13 Nov 2025 18:23	RC/JU	Ok,M
10	SSTDCCC040	BF144251.D	13 Nov 2025 18:53	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM
SubDirectory	BP102925	HP Acquire Method	BNA_P
		HP Processing Method	BP102925
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13180,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026027.D	29 Oct 2025 08:45	RC/JU	Ok
2	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26	RC/JU	Ok
3	SSTDICC005	BP026029.D	29 Oct 2025 10:07	RC/JU	Ok
4	SSTDICC010	BP026030.D	29 Oct 2025 10:48	RC/JU	Ok,M
5	SSTDICC020	BP026031.D	29 Oct 2025 11:29	RC/JU	Ok,M
6	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	RC/JU	Ok
7	SSTDICC050	BP026033.D	29 Oct 2025 12:51	RC/JU	Ok,M
8	SSTDICC060	BP026034.D	29 Oct 2025 13:32	RC/JU	Ok
9	SSTDICC080	BP026035.D	29 Oct 2025 14:13	RC/JU	Ok,M
10	SSTDICV040	BP026036.D	29 Oct 2025 16:09	RC/JU	Ok,M
11	PB170259BL	BP026037.D	29 Oct 2025 16:50	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP111125

Review By	rahul	Review On	11/12/2025 9:20:40 AM
Supervise By	Jagrut	Supervise On	11/12/2025 11:40:52 AM
SubDirectory	BP111125	HP Acquire Method	BNA_P
		HP Processing Method	BP102925
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13182,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026089.D	11 Nov 2025 14:03	RC/JU	Ok
2	SSTDCCC040	BP026090.D	11 Nov 2025 14:44	RC/JU	Ok,M
3	PB170478BL	BP026091.D	11 Nov 2025 15:25	RC/JU	Ok
4	Q3586-03	BP026092.D	11 Nov 2025 16:11	RC/JU	Ok
5	Q3586-03MS	BP026093.D	11 Nov 2025 16:52	RC/JU	Ok,M
6	Q3586-03MSD	BP026094.D	11 Nov 2025 17:33	RC/JU	Ok,M
7	Q3569-01	BP026095.D	11 Nov 2025 18:14	RC/JU	Ok,M
8	Q3569-02	BP026096.D	11 Nov 2025 18:55	RC/JU	Dilution
9	Q3584-01	BP026097.D	11 Nov 2025 19:36	RC/JU	Ok
10	Q3586-02	BP026098.D	11 Nov 2025 20:18	RC/JU	Ok
11	Q3584-07	BP026099.D	11 Nov 2025 20:59	RC/JU	Ok
12	Q3583-04	BP026100.D	11 Nov 2025 21:40	RC/JU	Ok
13	Q3577-04	BP026101.D	11 Nov 2025 22:21	RC/JU	Ok,M
14	Q3581-02	BP026102.D	11 Nov 2025 23:02	RC/JU	Ok
15	Q3581-04	BP026103.D	11 Nov 2025 23:43	RC/JU	Ok
16	Q3581-06	BP026104.D	12 Nov 2025 00:25	RC/JU	Ok
17	Q3581-08	BP026105.D	12 Nov 2025 01:06	RC/JU	Ok
18	Q3601-12	BP026106.D	12 Nov 2025 01:47	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM
SubDirectory	BF110525	HP Acquire Method	BNA_F
		HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144168.D	05 Nov 2025 12:21		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF144170.D	05 Nov 2025 13:20		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF144171.D	05 Nov 2025 13:50		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF144172.D	05 Nov 2025 14:20		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	Compound #41 kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF144174.D	05 Nov 2025 15:49		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF144175.D	05 Nov 2025 16:19		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF144176.D	05 Nov 2025 16:49		RC/JU	Ok
10	SSTDICV040	ICVBF110525	BF144177.D	05 Nov 2025 17:21		RC/JU	Ok,M
11	PB170372BL	PB170372BL	BF144178.D	05 Nov 2025 18:10		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM
SubDirectory	BF111125	HP Acquire Method	BNA_F
		HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144197.D	11 Nov 2025 09:40		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144198.D	11 Nov 2025 10:09	Comp#9,77 fail from highside	RC/JU	Ok
3	PB170478BL	PB170478BL	BF144199.D	11 Nov 2025 13:07		RC/JU	Ok
4	PB170478BS	PB170478BS	BF144200.D	11 Nov 2025 13:36		RC/JU	Ok,M
5	Q3586-01	SED-1	BF144201.D	11 Nov 2025 14:09		RC/JU	Ok
6	Q3584-05	FB-2	BF144202.D	11 Nov 2025 14:39		RC/JU	Ok
7	Q3584-02	SW-2	BF144203.D	11 Nov 2025 15:09		RC/JU	Ok
8	Q3584-03	SW-3	BF144204.D	11 Nov 2025 15:38		RC/JU	Ok
9	Q3584-04	EB-2	BF144205.D	11 Nov 2025 16:07		RC/JU	Ok
10	DFTPP	DFTPP	BF144206.D	11 Nov 2025 17:03		RC/JU	Ok
11	SSTDCCC040	SSTDCCC040	BF144207.D	11 Nov 2025 17:33		RC/JU	Ok
12	PB170462TB	PB170462TB	BF144208.D	11 Nov 2025 18:02		RC/JU	Ok
13	Q3581-01	VNJ-238	BF144209.D	11 Nov 2025 18:31		RC/JU	Ok
14	Q3581-03	VNJ-245	BF144210.D	11 Nov 2025 19:01		RC/JU	Ok,M
15	Q3592-01	11625	BF144211.D	11 Nov 2025 19:30		RC/JU	Ok
16	Q3590-05	MOO-25-0319	BF144212.D	11 Nov 2025 20:00		RC/JU	Ok
17	Q3598-02	EO-CONCRETE	BF144213.D	11 Nov 2025 20:29		RC/JU	Ok
18	Q3599-02	LIVINGSTON-SOIL	BF144214.D	11 Nov 2025 20:58		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF111125

Review By	rahul	Review On	11/11/2025 2:23:49 PM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:26:42 AM		
SubDirectory	BF111125	HP Acquire Method	BNA_F	HP Processing Method	BF110525
STD. NAME	STD REF.#				
Tune/Reschk	SP6875				
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864				
CCC	SP6860				
Internal Standard/PEM	S13182,10ul/1000ul sample				
ICV/I.BLK	SP6872				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	Q3601-04	TP-1	BF144215.D	11 Nov 2025 21:28		RC/JU	Ok
20	Q3601-08	TP-2	BF144216.D	11 Nov 2025 21:57		RC/JU	Ok
21	Q3581-05	VNJ-240	BF144217.D	11 Nov 2025 22:27		RC/JU	Ok,M
22	Q3581-07	RBR200059	BF144218.D	11 Nov 2025 22:57		RC/JU	Ok,M
23	Q3593-08	C-LAW-25-0156-0166-C	BF144219.D	11 Nov 2025 23:27	Internal standard fail.	RC/JU	Ok,M
24	Q3593-10	D-LAW-25-0156-0166-C	BF144220.D	11 Nov 2025 23:56		RC/JU	Ok,M
25	Q3588-01	TR-06-11072025	BF144221.D	12 Nov 2025 00:26		RC/JU	Ok,M
26	Q3588-03	TR-01-11072025	BF144222.D	12 Nov 2025 00:56		RC/JU	Ok,M
27	Q3590-01	MOO-25-0314-0316-C	BF144223.D	12 Nov 2025 01:25	Internal standard fail.	RC/JU	Ok,M
28	Q3590-03	MOO-25-0317-0318-C	BF144224.D	12 Nov 2025 01:54		RC/JU	Ok
29	Q3587-01	NB-08-110725	BF144225.D	12 Nov 2025 02:23		RC/JU	Ok
30	Q3582-04	RT4912	BF144226.D	12 Nov 2025 02:52	Internal standard fail.	RC/JU	Ok,M
31	Q3593-04	A-LAW-25-0167-0175-C	BF144227.D	12 Nov 2025 03:22	Internal standard fail.	RC/JU	Ok
32	Q3593-06	B-LAW-25-0167-0175-C	BF144228.D	12 Nov 2025 03:52	internal standard fail	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF111325

Review By	Jagrut	Review On	11/14/2025 11:02:51 AM
Supervise By	Sohil	Supervise On	11/14/2025 12:25:49 PM
SubDirectory	BF111325	HP Acquire Method	BNA_F
		HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF144242.D	13 Nov 2025 14:26		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144243.D	13 Nov 2025 14:56		RC/JU	Ok
3	PB170473BL	PB170473BL	BF144244.D	13 Nov 2025 15:25		RC/JU	Ok
4	PB170473BS	PB170473BS	BF144245.D	13 Nov 2025 15:55		RC/JU	Ok,M
5	PB170473BSD	PB170473BSD	BF144246.D	13 Nov 2025 16:24		RC/JU	Ok,M
6	Q3574-01	304641-01 Liquid	BF144247.D	13 Nov 2025 16:54		RC/JU	Ok
7	Q3609-03	AU-713-COMP-01	BF144248.D	13 Nov 2025 17:24		RC/JU	Ok
8	Q3609-03MS	AU-713-COMP-01MS	BF144249.D	13 Nov 2025 17:54		RC/JU	Ok,M
9	Q3609-03MSD	AU-713-COMP-01MSD	BF144250.D	13 Nov 2025 18:23		RC/JU	Ok,M
10	SSTDCCC040	SSTDCCC040EC	BF144251.D	13 Nov 2025 18:53		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP102925

Review By	rahul	Review On	10/30/2025 8:52:33 AM
Supervise By	Jagrut	Supervise On	11/4/2025 3:53:07 PM
SubDirectory	BP102925	HP Acquire Method	BNA_P
		HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026027.D	29 Oct 2025 08:45		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP026028.D	29 Oct 2025 09:26		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP026029.D	29 Oct 2025 10:07		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BP026030.D	29 Oct 2025 10:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP026031.D	29 Oct 2025 11:29		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP026032.D	29 Oct 2025 12:10	Compound #26,48,51,53,57,80,84 are kept on LR & Compound #32,54,65 are kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP026033.D	29 Oct 2025 12:51		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP026034.D	29 Oct 2025 13:32		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP026035.D	29 Oct 2025 14:13	Compound #26 is removed from 80ppm & 60PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP102925	BP026036.D	29 Oct 2025 16:09		RC/JU	Ok,M
11	PB170259BL	PB170259BL	BP026037.D	29 Oct 2025 16:50		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP111125

Review By	rahul	Review On	11/12/2025 9:20:40 AM
Supervise By	Jagrut	Supervise On	11/12/2025 11:40:52 AM
SubDirectory	BP111125	HP Acquire Method	BNA_P
		HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	SP6875 SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	SP6860 S13182,10ul/1000ul sample SP6872

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026089.D	11 Nov 2025 14:03		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026090.D	11 Nov 2025 14:44	Compound#26,32,41,42,54,59,6 5,80,85 failing high	RC/JU	Ok,M
3	PB170478BL	PB170478BL	BP026091.D	11 Nov 2025 15:25		RC/JU	Ok
4	Q3586-03	SED-3	BP026092.D	11 Nov 2025 16:11		RC/JU	Ok
5	Q3586-03MS	SED-3MS	BP026093.D	11 Nov 2025 16:52		RC/JU	Ok,M
6	Q3586-03MSD	SED-3MSD	BP026094.D	11 Nov 2025 17:33		RC/JU	Ok,M
7	Q3569-01	MW-2	BP026095.D	11 Nov 2025 18:14		RC/JU	Ok,M
8	Q3569-02	MW-12	BP026096.D	11 Nov 2025 18:55	Need 2X.	RC/JU	Dilution
9	Q3584-01	SW-1	BP026097.D	11 Nov 2025 19:36		RC/JU	Ok
10	Q3586-02	SED-2	BP026098.D	11 Nov 2025 20:18		RC/JU	Ok
11	Q3584-07	SEEP-1	BP026099.D	11 Nov 2025 20:59		RC/JU	Ok
12	Q3583-04	CHRT27080	BP026100.D	11 Nov 2025 21:40		RC/JU	Ok
13	Q3577-04	WC-1A	BP026101.D	11 Nov 2025 22:21		RC/JU	Ok,M
14	Q3581-02	VNJ-238	BP026102.D	11 Nov 2025 23:02		RC/JU	Ok
15	Q3581-04	VNJ-245	BP026103.D	11 Nov 2025 23:43		RC/JU	Ok
16	Q3581-06	VNJ-240	BP026104.D	12 Nov 2025 00:25		RC/JU	Ok
17	Q3581-08	RBR200059	BP026105.D	12 Nov 2025 01:06		RC/JU	Ok

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP111125

Review By	rahul	Review On	11/12/2025 9:20:40 AM		
Supervise By	Jagrut	Supervise On	11/12/2025 11:40:52 AM		
SubDirectory	BP111125	HP Acquire Method	BNA_P	HP Processing Method	BP102925

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3601-12	TP-3	BP026106.D	12 Nov 2025 01:47		RC/JU	Ok

M : Manual Integration

SOP ID: M3510C,3580A-Extraction SVOC-21

Clean Up SOP #: N/A

Extraction Start Date : 11/10/2025

Matrix : Water

Extraction Start Time : 08:40

Weigh By: N/A

Extraction By: RS

Extraction End Date : 11/10/2025

Balance check: N/A

Filter By: RS

Extraction End Time : 13:40

Balance ID: N/A

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: E3953

Hood ID: 4,6,7

Supervisor By : RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6895
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
H2SO4 1:1	N/A	EP2657
10N NaOH	N/A	EP2658
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH, 1.5ML Vial Lot # 2210443.

KD Bath ID: WATER BATH-1

Envap ID: NE VAP-02

KD Bath Temperature: 60 °C

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/10/25	RS(Ext Lab)	Jy/ SVOC
13:45	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 11/10/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170473BL	SBLK473	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB170473BS	SLCS473	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB170473BS D	SLCSD473	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q3569-01	MW-2	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	N		4
Q3569-02	MW-12	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	N		5
Q3574-01	304641-01 LIQUID	SVOC-PAH	810	6	RUPESH	ritesh	1	I		6
Q3584-01	SW-1	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		7
Q3584-02	SW-2	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		8
Q3584-03	SW-3	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	N		9
Q3584-04	EB-2	SVOC-TCL BNA -20	970	6	RUPESH	ritesh	1	G		10
Q3584-05	FB-2	SVOC-TCL BNA -20	700	6	RUPESH	ritesh	1	H		11
Q3584-07	SEEP-1	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	N		12

RS
11/10

1740623
11/10/25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3569

WorkList ID : 193017

Department : Extraction

Date : 11-10-2025 08:35:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3569-01	MW-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	J22	11/05/2025	8270E
Q3569-02	MW-12	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	J22	11/05/2025	8270E
Q3574-01	304641-01 Liquid	Water	SVOC-PAH	Cool 4 deg C	PACI01	J22	11/04/2025	8270E
Q3584-01	SW-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/06/2025	8270E
Q3584-02	SW-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02		11/07/2025	8270E
Q3584-03	SW-3	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/07/2025	8270E
Q3584-04	EB-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02		11/06/2025	8270E
Q3584-05	FB-2	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/07/2025	8270E
Q3584-07	SEEP-1	Water	SVOC-TCL BNA -20	Cool 4 deg C	REMI02	D41	11/07/2025	8270E

Date/Time

11/10/25 8:35

Raw Sample Received by:

RS (Ext Lab)

Raw Sample Relinquished by:

CP SR

Date/Time

11/10/25 9:20

Raw Sample Received by:

CP SR

Raw Sample Relinquished by:

RS (Ext Lab)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Remington & Vemick Engineers

ADDRESS: 2059 Springdale Road

CITY: Cherry Hill STATE: NJ ZIP: 08003

ATTENTION: byle.canson@ne.com

PHONE: 609-682-3049 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Edison Landfill

PROJECT NO.: 1205T007 LOCATION: Edison, NJ

PROJECT MANAGER: Leslie Hartzell

e-mail: Leslie.Hartzell@ne.com

PHONE: 610-663-4145 FAX:

CLIENT BILLING INFORMATION

BILL TO: APinow@ne.com PO#: 1205T007

ADDRESS: 2059 Springdale Road

CITY: Cherry Hill STATE: NJ ZIP: 08003

ATTENTION: Leslie Hartzell PHONE: 610-663-4665

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*

HARDCOPY (DATA PACKAGE): STAT _____ DAYS*

EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)

☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP

☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B

+ Raw Data) ☐ Other

☒ EDD FORMAT: NJ HOTS+P

1. TOTAL+30
2. EPH
3. VOCs
4. Hexachloro
5. TALNEALS
6. CYANIDE
7. COD
8. TKN
9. OIL & GREASE

ALLIANCE
SAMPLE
ID

PROJECT
SAMPLE IDENTIFICATION

SAMPLE
MATRIX

SAMPLE
TYPE

SAMPLE
COLLECTION

COMP

GRAB

DATE

TIME

OF BOTTLES

E

A

A

F

B

D

C

C

C

C

C

C

C

COMMENTS

← Specify Preservatives

A-HCl

D-NaOH

B-HNO3

E-ICE

C-H2SO4

F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:

1. Arina Narex

DATE/TIME:

11/17/25 (10:00)

RECEIVED BY:

1.

Conditions of bottles or coolers at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP

Comments:

3.5 ± 0.5 °C

RELINQUISHED BY SAMPLER:

2.

DATE/TIME: 11-7-25

RECEIVED BY:

2.

IT

RELINQUISHED BY SAMPLER:

3.

DATE/TIME: 11-7-25

RECEIVED BY:

3.

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

Laboratory Certification

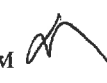
Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3584	REMI02	Order Date : 11/7/2025 3:17:00 PM	Project Mgr : Yazmeen
Client Name : Remington & Vernick Engi		Project Name : Edison Landfill	Report Type : NJ Reduced
Client Contact : Kyle Carlson		Receive DateTime : 11/7/2025 12:00:00 AM <i>dm</i>	EDD Type : Excel NJ
Invoice Name : Remington & Vernick Engi		Purchase Order : 17:20	Hard Copy Date :
Invoice Contact : Kyle Carlson			Date Signoff : 11/7/2025 4:43:47 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3584-01	SW-1	Water	11/06/2025	14:15	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3584-02	SW-2	Water	11/07/2025	08:30	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3584-03	SW-3	Water	11/07/2025	08:15	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3584-04	EB-2	Water	11/06/2025	15:25	VOC-TCLVOA-10		8260-Low	10 Bus. Days	
Q3584-05	FB-2	Water	11/07/2025	08:55	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3584-06	TB-3	Water	11/07/2025	08:00	VOC-TCLVOA-10		8260-Low	10 Bus. Days	
Q3584-07	SEEP-1	Water	11/07/2025	10:40	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3584	REMI02	Order Date : 11/7/2025 3:17:00 PM	Project Mgr : Yazmeen
Client Name : Remington & Vernick Engi		Project Name : Edison Landfill	Report Type : NJ Reduced
Client Contact : Kyle Carlson		Receive DateTime : 11/7/2025 12:00:00 AM 	EDD Type : Excel NJ
Invoice Name : Remington & Vernick Engi		Purchase Order : 17:20	Hard Copy Date :
Invoice Contact : Kyle Carlson			Date Signoff : 11/7/2025 4:43:47 PM

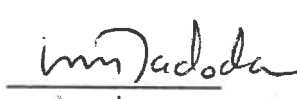
LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES

*Stored in VOA
Ref # 04*

Relinquished By :

Date / Time : 11/10/25 10:35 

Received By :

Date / Time : 11/10/25 10:35 

Storage Area : VOA Refridgerator Room